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SAN FRANCISCO MUNICIPAL REPORTS

FOR THE

FISCAL YEAR 1907-8, ENDED JUNE 30, 1908

PUBLISHED BY ORDER OF THE
BOARD OF SUPERVISORS



SAN FRANCISCO
NEAL PUBLISHING CO., 66 FREMONT STREET
1909



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COMPLIMENTS OF

BOARD OF SUPERVISORS
CITY AND COUNTY OF SAN FRANCISCO

JOHN E. BEHAN,
CLERK

SAN FRANCISCO

MUNICIPAL REPORTS

FISCAL YEAR ENDING JULY 31, 1904



TABLE OF CONTENTS

	Pages
ASSESSOR'S REPORT	184-185
AUDITOR'S REPORT	1-183
Advertising	71
Alms House.....	5, 6, 15, 42, 61
Apportionment of Taxes.....	152
Architect	58
Assessor	2, 35, 58
Assessment Roll	2
Auditor	2, 35, 58
Auditor, Letter to Mayor.....	1
Auditor in account with Tax Collector (Licenses).....	124-130
Auditor's Estimate	158-171
Auto Boulevard	52
Board of Health	5, 22, 39
Bonded Debt	131-136
Building Inspection	55
Burial of Indigent Dead.....	12, 35
City and County Hospital.....	7, 14, 39
City and County Hospital, Care of Indigents.....	15, 40
City and County Rates of Taxation of Different Funds.....	178
City Attorney	2, 35, 58
Condition of Treasury	144, 145
Contracts Transferred to 1908 Account.....	117
Controller's Report of Values and Indebtedness of each County.....	182-183
Commissary Department	3, 13, 36
Coroner	2, 36
County Clerk	3, 36, 58
Defense of Spring Valley Water Company's Suit.....	18
Department of Civil Service	2, 35, 58
Department of Elections	3, 17, 37, 59
Department of Electricity	3, 19, 37, 59
Department of Public Works	49, 55
District Attorney	5, 18, 38, 60
Duplicate Taxes	71
Emergency Hospital	8, 22, 40
Examination of Insane	4
Fire Department	5, 19, 38, 61
Firemen's Pensions	71
Firemen's Relief Fund	5, 71
Fourth of July Expenses.....	21
Grand Jury Expenses	21
House Moving Funds	71
Improvement of Relief Home	43
Inspection of City Hall Dome.....	52
Interest Accounts	79
Interment of Deceased Soldiers and Sailors.....	23
Itemized Statement of Expenditures of each Department.....	90-116
Jury Expenses, Criminal Cases.....	23-45

AUDITOR'S REPORT—Continued.	Pages
Jury Fees and Witness' Expenses.....	23
Judges Police Court	9
Judges Superior Court	8
Judges Superior Court, Interpreters	3
Judges Superior Court, Reporters' Fees	8, 9
Judgments	89
Justices of the Peace	8
Juvenile Home	26, 44
Law and Motion Calendar	24
Law Librarian	24
Leper Hospital	8, 16, 40
Library (Public)	72
License Blanks, Tags and Numbers.....	24
Lighting Streets and Public Buildings	24
Maintenance of Criminal Insane	25
Maintenance of Feeble Minded Children.....	26
Maintenance of Minors	26, 45
Mayor	9, 24, 45
Memorial Day, Observance of.....	24
Miscellaneous Court Orders.....	24
Model Camp, Construction of.....	43
Money Paid in Error and Refunded.....	25
Money (Public) on Deposit in Banks.....	145
1906 and 1907 Account.....	35-54
Park Fund	73
Police Department	9, 28, 46, 62
Police Patrol	28
Police Relief and Pensions.....	76
Printing Ordinances	29
Printing Transcripts on Appeal.....	27
Public Building Bond Funds.....	81, 83
Public Pound	27
Public Utilities	27
Publishing Delinquent Tax List.....	27
Purchase of Land.....	27
Purchase of Patrol Boat.....	28
Recapitulation of Disbursements	120
Recorder	10, 47, 60
Redemption of Property Sold to State.....	121
Rehabilitation of Public Works.....	56
Rentals of Public Offices.....	29
Repairs to Jails	51
Repairs to Streets, etc., Special Tax Levy.....	66-70
Robinson Bequest Fund	76
Schools	52, 65, 84
Sheriff	10, 30, 60
Sinking Funds	78
Small Pox Hospital	8, 17
Special Badge Fund	77
Special Permit Funds	76
Special Sanitation	63
Statement of Assessed Value of Property, 1867 to 1908.....	122
Statement of Assessed Value of Real Estate, Improvements and Mortgages.....	179-181
Statement of Demands Paid, Audited and Outstanding.....	118
Statement of Poll Taxes.....	150

CONTENTS

	Pages
AUDITOR'S REPORT—Continued.	
Statement of Taxes, Real and Personal.....	151
Stationery	30
Summary of Taxes Collected and Paid to Treasurer.....	153
Summary of Audits.....	154
Superior Court	47-60
Supervisors	11, 31, 47, 60
Supervisors' Estimate	172-178
Tax Collector	11, 48, 60
Taxes Refunded	60
Tax Levy, City and County and State.....	178
Teachers' Institute Fund	77
Tearing Up Streets Fund.....	77
Transfer Entries	146-148
Transfer of Appropriations.....	117
Treasurer	11, 48, 60
Treasurer in Account of Moneys Belonging to State of California.....	149
Treasurer in Account with Auditor.....	150
Treasurer, Payments	141-143
Treasurer, Receipts	137-140
Unapportioned Fee Fund	77
Urgent Necessities	31
Water for Municipal Purposes.....	34
Windel Bequest Fund.....	76
Yerba Buena School	78
BOARD OF EDUCATION.....	
Accommodations, School	220
Annuity Fund	252-255
Appointment of Teachers.....	210-221
Attendance of Pupils	203-207
Board of Examination.....	237-252
Bond Issue for School Buildings.....	221-222
Census (School) Statistics.....	204
Child Labor Law.....	230
Civil Service Plan for Appointment of Teachers.....	210
Commercial Schools	223
Compulsory Education	231
Conferences (Superintendent and Deputies).....	209
Cost of Maintaining Schools.....	195-197
Deaf, Oral School for.....	227
Domestic Science, Report of Supervisor of.....	235
Drawing, Report of Supervisor of.....	232
Enrollment of Pupils.....	203
Enrollment by Grades.....	203
Evening Schools, State Aid for.....	207
Financial Report	195
General Statistics	194
Institute, Teachers'	209
Lectures in School Buildings.....	223
Manual Training, Report of Supervisor of.....	236
Medal Funds	200
Music, Report of Supervisor of.....	233
Parental School	231
Pensions, Teachers'	252
Property, School	292-301
Reading	228
Reconstruction Fund, Contributed by School Children, et al.....	207

BOARD OF EDUCATION—Continued.	Pages
Reports (Superintendent's)	208
Salary Schedule	197-203
Schools, List of	262-291
Schools, Number of	190
School Accommodations	221
School Property	292-310
School Visitation	209
Seat Work	230
Swimming	208
Teachers—Number of	201
Length of Service of	202
List of	262-292
Text-books	257-261
Ungraded Classes	228
BOARD OF HEALTH.....	481-672
Appendix to Report of President.....	496
Arrests Made, Record of.....	530
Board of Health Report (President).....	481
Board Actions, Report of.....	532
Births, Record of.....	597
Bacteriologist, Report of.....	559
Examinations—Contagious Diseases.....	559
Milk	560
Spring Valley Water.....	561
Chief Sanitary Officer, Report of.....	512
Contagious Diseases, Record of.....	516
City Physician, Report of.....	590
Chemical Laboratory, Report of.....	534
Result of Analyses on Milk.....	534
Milk Analyses	535
Cream	535
Condensed Milk	535
Unsweetened Condensed Milks.....	536
Sweetened Condensed Milk.....	537
Dried Eggs and Egg Substitutes.....	538
Miscellaneous	538
Water	538
City Water Supply—Original Sources.....	538
Distributing Reservoirs	539
Analyses Spring Valley Waters—Original Sources.....	540
From Distributing Reservoirs	542
Spring Waters from Dairies.....	548
Well Waters from Dairies.....	552
City and County Hospital Report.....	563
Disinfection, Report of.....	517
Dairy Inspection, Report of.....	522
Disinterments and Removals, Record of.....	670
Emergency Hospitals, Report of.....	579
Financial Statement of Department.....	594
Food Inspection, Report of.....	524
Health Officer, Report of.....	481
History of Work Performed.....	481
Hospital, Isolation, Report of.....	585
Hospital, City and County, Report of.....	563
Hospitals, Emergency, Report of.....	579
Industrial Inspection, Report of.....	520

CONTENTS

vii

BOARD OF HEALTH—Continued.	Pages
Interments, Cremations and Removals, Record of.....	671
Isolation Hospital, Report of—Leper Department.....	585
Smallpox Department.....	586
Plague Department.....	587
Milk Inspection, Report of.....	523
Market Inspection, Report of.....	525
Ordinances, etc., in re Plague Suppression Work.....	496
President Board of Health, Report of.....	481
Appendix to Report of.....	496
Plague Suppression Work—History of.....	481-486
Circulars of Information on.....	496
Table No. 1—Provisional Plague Districts.....	498
Table No. 2—Human Plagues by Districts.....	499
Table No. 3—Rat Report, Arranged by Months.....	500
Table No. 4—Rats Found Infected with Plague.....	501
Table No. 5—Amount Expended by City in Plague Sanitation.....	502
Ordinances Adopted in Connection with—	
Regulating Collection of Garbage.....	503
Requiring Metal Receptacles for Garbage.....	504
Regulating the Construction of Stables.....	504
Providing Sanitary Regulations.....	505
Concrete Floors in Markets.....	507
Floors in Yards, etc.....	507
Rat-Proofing Basements.....	508
Regulating Keeping of Animals and Fowls.....	508
Insanitary Buildings Declared Nuisances.....	509
Plumbing Inspection, Report of.....	518
Permits, Transcripts Issued and Fees Collected.....	593
Relief Home, Report of.....	571
Sanitation Bureau, Report of.....	572
Division of Sanitary Inspection.....	514
Contagious Diseases Quarantined and Investigated.....	515
Annual Report—Contagious Diseases.....	516
Division of Sanitary Disinfection.....	517
Division of Plumbing Inspection.....	518
Division of Industrial Inspection.....	520
Division of Stable Inspection.....	521
Division of Dairy Inspection.....	522
Division of Milk Inspection.....	523
Division of Food Inspection.....	524
Division of Market Inspection.....	525
Record of Arrests Made.....	530
Record of Board Actions.....	532
Sanitary Inspection, Report of.....	514
Stable Inspection, Report of.....	521
Tables, etc., Plague Suppression Work.....	498
Vital Statistics.....	596
Births Registered.....	597
Deaths—Arranged According to Months.....	598
Arranged According to Ages.....	613
Arranged According to Social Relation, Color, Nativity.....	632
Arranged According to Districts, Institutions, etc.....	650
Table of Deaths in Sanitary Districts, Public Institutions, etc.....	666
Nativities of Deceaseds.....	669
Record of Interment and Cremation Permits Issued.....	671
Record of Disinterments and Removals.....	672

	Pages
BOARD OF PUBLIC WORKS.....	673-816
CHIEF OF POLICE (See Police).....	436
CITY ATTORNEY'S REPORT.....	385-420
CIVIL SERVICE COMMISSION.....	885-887
CORONER'S REPORT	888-892
COUNTY CLERK'S REPORT.....	186-192
DECEASED SOLDIERS AND SAILORS.....	900
DEPARTMENT OF ELECTIONS	870-884
DEPARTMENT OF ELECTRICITY.....	834-868
DEPARTMENT OF EDUCATION.....	193-301
DEPARTMENT OF PUBLIC HEALTH.....	481-672
DISTRICT ATTORNEY'S REPORT.....	315-320
EX-UNION SOLDIERS	900
FIRE COMMISSIONERS' REPORT.....	321-364
Chief Engineer's Report	327
FIRE PENSION FUND COMMISSION REPORT.....	365-367
FREE PUBLIC LIBRARY (See Public Library).....	368-384
JUSTICES' CLERK	436
JUVENILE DETENTION HOME.....	895
LAW LIBRARY	893-895
PARK COMMISSIONERS' REPORT.....	302-308
PLAYGROUND COMMISSION	897-899
POLICE, CHIEF OF.....	436
POLICE COMMISSIONERS' REPORT.....	436-460
POLICE PENSION FUND.....	436-437
POUNDKEEPER'S REPORT	869
PUBLIC ADMINISTRATOR	309-314
PUBLIC LIBRARY, FREE.....	368-384
RECORDER'S REPORT	461-468
SHERIFF'S REPORT	469
TAX COLLECTOR'S REPORT.....	817-834
TREASURER'S REPORT	421-435

APPENDIX

	Pages
BOARD OF SUPERVISORS—1907.	
Reorganization of Board of Supervisors, 1907.....	903
Removal of E. E. Schmitz as Mayor.....	904
Election of Chas. Boxton as Mayor.....	906
Resignation of Chas. Boxton as Mayor.....	907
Election of Edward R. Taylor as Mayor.....	907
New Board of Supervisors Appointed.....	908
Members and Officers of Board, 1907.....	921
BOARD OF SUPERVISORS—1908.....	922
Members and Officers.....	922
Standing Committees	923
Rules of Proceedings.....	923
MAYOR'S INAUGURAL ADDRESS.....	927
WATER RATES LITIGATION.....	931
Forfeiture of Franchise of Spring Valley Water Company.....	931
Resolution Forfeiting Franchise Rescinded.....	932
WATER RATES	933-1029
Constitutional Provisions relating to.....	933
Act of Legislature providing for fixing.....	935
Commencement of Investigation.....	936
Appraisement of properties of Spring Valley Water Company by City Engineer, Marsden Manson	937
Statement of Receipts and Disbursements.....	939
Statement of Improvements, Spring Valley Water Company.....	940
Replacement Account of Spring Valley Water Company.....	941
Assessment of Properties of Spring Valley Water Company.....	942
Comparative Statement of Operating Expenses.....	943
Profit and Loss Account of Spring Valley Water Company.....	944
Report of Col. W. H. Heuer on Value of Spring Valley Water Co.....	947
Report of President of Spring Valley Water Company, made to Stock- holders	954
Resolutions passed by Stockholders of Spring Valley Water Company.....	963
Statement of Bay Shore Water Company.....	966
Communication of City Attorney relative to duty of Board of Supervisors	972
Income of Spring Valley Water Company.....	973
Statements of Spring Valley Water Company showing Receipts, Dis- bursements and Operating Expenses.....	975-978
Affidavit showing Market Value of Stock of Spring Valley Water Com- pany	979
Estimated Income of Spring Valley Water Company.....	982-986
Report of Chartered Accountants.....	987
Table of Rates Charged in Various Cities.....	988-989

WATER RATES—Continued.		Pages
Ordinance of 1902, fixing Water Rates.....		990
Statement of Book Value of Property of Spring Valley Water Company.....		994
Majority Report of Committee on Water Rates.....		995
Minority Report of Committee on Water Rates.....		1002
Bill fixing Water Rates reported by Committee.....		1003
Substitute Bill to foregoing.....		1008
Appointment of a Special Committee on Relations with Spring Valley Water Company		1013
Letter of Spring Valley Water Company, submitting propositions.....		1014
Letter of Spring Valley Water Company.....		1022
Communication Withdrawing Offer.....		1024
Proceedings of the Board of Supervisors.....		1024
Ordinance No. 486 (New Series) fixing Water Rates for year 1908-1909.....		1024
GAS AND ELECTRICITY RATES—1908-1909.....		1030-1121
Resolution Calling for Statements from Company Supplying Gas and Electricity		1030
Responses to the foregoing resolution.....		1031
Investigation Commenced		1033
Statement of the San Francisco Gas and Electric Company.....		1033
Statement of Metropolitan Light and Power Company.....		1035
Review of Evidence before the Board of Supervisors by San Francisco Gas and Electric Company.....		1036
Statement of San Francisco Gas and Electric Company.....		1039
Majority Report of Committee on Artificial Lights.....		1039
Minority Report of Committee on Artificial Lights.....		1041
Resolution Authorizing Employment of Experts.....		1042
Report of A. M. Hunt, Gas Engineer.....		1043
Report of C. D. Stuart, Public Accountant.....		1052
Supplemental Report of C. D. Stuart.....		1067
Reply of San Francisco Gas and Electric Company to Report of Experts.....		1107
Reply of A. M. Hunt to Statements of San Francisco Gas and Electric Company		1115
Report of Joint Committee of Finance and Artificial Lights.....		1117
Final Passage of Ordinance fixing Rates for Gas and Electricity.....		1119
Ordinance fixing Gas Rates.....		1119
Ordinance fixing Electricity Rates.....		1120
LIGHTING STREETS AND PUBLIC BUILDINGS.		
Resolution Awarding Contract		1123
TELEPHONE RATES FOR 1908-1909.....		1124-1164
Ordinance Requiring Statements from Telephone Companies.....		1124
Investigation Commenced		1125
Statement of Earnings of Pacific Telephone and Telegraph Company.....		1126
Statement showing Investment of Pacific Telephone and Telegraph Com- pany		1128
Communication from Home Telephone Company.....		1123
Assessment of Pacific Telephone and Telegraph Company.....		1129
Communication from City Attorney.....		1130
Value of Property of Pacific Telephone and Telegraph Company.....		1131
Inventory of Office Furniture and Fixtures, Pacific Telephone and Tele- graph Company		1132
Statement showing Investment of Pacific Telephone and Telegraph Com- pany		1133
Memoranda concerning the San Francisco Exchange.....		1133

CONTENTS

xi

	Pages
TELEPHONE RATES FOR 1908-1909—Continued.	
Report of Telephone Rates Committee of Board of Supervisors.....	1135
Report of Professor C. L. Cory on Rates for Telephone Service.....	1138
Bill fixing Telephone Rates for 1908-1909.....	1151
Protest of Pacific Telephone and Telegraph Company.....	1155
Reply to Protest by C. L. Cory.....	1156
Amendments to Bill.....	1157
PARKSIDE TRANSIT COMPANY'S FRANCHISE.....	1165-1196
Preliminary Proceedings	1165
New Application for Franchise.....	1165
Resolution of Determination to Grant Franchise.....	1166
Bid of Parkside Transit Company.....	1168
Acceptance of Bid.....	1169
Majority Report of Public Utilities Committee.....	1170
Minority Report of Committee.....	1171
Communication of Sunset District Improvement Club.....	1172
Proceedings of Board of Supervisors.....	1175
Supplemental Agreement of Parkside Transit Company.....	1176
Ordinance Granting Franchise.....	1179
Acceptance of Agreement with Parkside Transit Company.....	1182
New Application Filed	1186
Determination to Grant Franchise.....	1187
Bid for Franchise	1189
Acceptance of Bid.....	1190
Ordinance Granting Franchise.....	1191
Franchise on Nineteenth Avenue Released.....	1193
Ordinance Repealing Ordinances Declaring Nineteenth and Twentieth Avenues to be Boulevards.....	1196
CLOSING OF OCEAN AVENUE.....	1197-1205
PRESIDIO AND FERRIES CO'S FRANCHISE.....	1206-1210
BOND ISSUE OF 1908.....	1211-1246
Report of Public Utilities Committee.....	1211
Communication from Dillon & Hubbard.....	1214
Resolution Accepting Offer of Dillon & Hubbard.....	1217
Report of City Architect, with plans, etc.....	1218
Report of Public Utilities Committee.....	1228
Opinion of Dillon & Hubbard.....	1230
Notice of Sale of Bonds.....	1232
Tables showing Bids.....	1234-1245
Segregation of Premiums Paid.....	1246
FILLMORE STREET WHARF.....	1247-1251
LEASE OF LINCOLN SCHOOL LOT.....	1252-1261
LEASE OF POST STREET LOT.....	1262-1266
OFFICIAL RECEPTION TO UNITED STATES FLEET.....	1267-1293
AMENDMENTS TO THE CHARTER.....	1294-1309
MATTER OF LYON STREET OPENING.....	1311
FINANCIAL REVIEW OF RELIEF WORK IN SAN FRANCISCO.....	1312-1332

CONTENTS

	Pages
THE DEMOLITION OF THE CITY HALL.....	1333-1345
Resolution Instituting Inquiry as to Condition of City Hall.....	1333
Report of Condition by City Architect.....	1334
Report of Consulting Architects.....	1341
Report of Special Committee of Board of Supervisors.....	1342
Resolution Condemning City Hall as Unsafe.....	1343
Resolution Providing for Demolition.....	1344
HENRI F. WINDEL BEQUEST FUND.....	1346
FINANCIAL CONDITION	1347
REPORT OF STATIONERY DEPARTMENT.....	1349
IN MEMORIAM, WILLIAM G. STAFFORD.....	1351





PAUL BANCROFT



GEO. F. CONNOLLY



A. COMTE JR.



JAMES P. BOOTH



A. A. D'ANCONA



EDWARD R. TAYLOR, MAYOR



WM. BR. DERICK



A. H. GIANNINI

Board of
SUPERVISORS
OF THE
CITY AND COUNTY OF
SAN FRANCISCO
1908-1909



GEO. L. CENTER



OSCAR HOCKS



THOS J. NINOS



CHRIS A. MUDDOCK



DANL C. MURPHY



JAS A. JOHNSTON



HENRY PAYOT



CLERK JOHN E. BEHAN



M. HALL McALLISTER



WILLIAM POLLOK

Board of
SUPERVISORS
OF THE
CITY AND COUNTY OF
SAN FRANCISCO
1908 1909



RALPH McLERAN



LORING PIXFORD

Auditor's Report

San Francisco, Cal., August 1, 1908.

To the Honorable Edward Robeson Taylor, Mayor of the City and County of San Francisco.

Sir: In compliance with Article XVI, Section 9 of the Charter of the City and County of San Francisco, I have the honor to submit herewith the Annual Report of the Auditor for the fiscal year ended June 30, 1908.

In compiling this report I have endeavored to make it as comprehensive as possible. The expenditures from each fund and appropriation are presented in classified form, showing, in full, the operations of the several departments.

The feature of this report is the itemized statement of Expenditures which shows the total disbursements of each department. These expenditures include the amounts allowed by budget appropriations and by Ordinances and Resolutions of the Board of Supervisors adopted during the year.

The expenditures shown to be in excess of the amounts appropriated are accounted for by the existence of a surplus from previous years; also, the increased revenues from taxes and other sources over the amount estimated in the Tax Levy and apportioned to the different departments by Ordinances and Resolutions.

Attention is also invited to the General Summary of the report showing, separately, the total amount of demands audited for salaries, wages, materials and supplies furnished, miscellaneous items, fees, judgments and refunds; the total amount of demands audited, paid and outstanding; the assessed value of property, the rate of taxation and amount of the tax levy; the amount of licenses issued, returned by the Tax Collector and the amount sold; the condition of the treasury, cash on hand, receipts and disbursements and balance on hand; the receipts and apportionment of taxes and revenues from other sources, and a statement of the bonded indebtedness of the City and County of San Francisco, June 30, 1908.

Respectfully,

JNO. A. KOSTER,
Auditor.

AUDITOR

SALARY REGISTER OF OFFICIALS AND ASSISTANTS.		Salaries.	Services, Wages, etc.	Material and Supplies.	Fees.	Total.
Assessor						
	Cashier	\$8,000.00				
	Deputies Office	1,800.00				
	Clerks	16,800.00				
	Clerks—Field, Etc.	21,600.00				
		40,000.00				\$88,200.00
Auditor						
	Chief Deputy and Assistants	4,000.00				
	Clerks	5,400.00				
	Stenographer	7,200.00				
	Attorney	1,200.00				
		1,800.00				19,600.00
Assessment Roll—						
	Chemical Services (Charts, Etc.)		\$8,699.25			
	Experting		1,300.00			
	Surplus Account (Services)		1,875.00			
						9,999.25
						1,875.00
City Attorney						
	Assistants	4,999.92				
	Clerks	17,513.35				
	Stenographer	2,670.00				
	Messenger	1,125.00				
		900.00				
						27,208.27
Civil Service Commission						
	Examiner	3,600.00				
	Clerk	2,320.00				
		1,500.00				
						7,420.00
Coroner						
	Autopsy Surgeon	4,000.00				
	Deputies	2,400.00				
	Stenographer	6,900.00				
		1,800.00				

AUDITOR

Messenger	900.00			
Matron	720.00			16,720.00
Commissary Department—				
Inspector	250.00			
Clerk	200.00			
Messenger	200.00			
Driver	350.00			
Commissary	350.00			1,350.00
County Clerk				
Chief Register Clerk	\$ 3,999.96			
Cashier	2,400.00			
Register Clerk	1,800.00			
Register Clerk's Assistants	9,000.00			
Court Room Clerks—Superior Court	14,937.50			
Court Room Clerks—Police Courts	18,000.00			
Office Clerks	6,000.00			
Copyists	7,200.00			
Messenger	31,200.00			
	1,200.00			
	8,400.00			95,737.46
Court Interpreters—				
	8,400.00			8,400.00
Department of Elections—				
Commissioners	4,999.50			
Registrar and Secretary	2,400.00			
Deputies	14,810.00			
Deputies—extra	26,126.88			
Stenographer	1,200.00			
Storekeeper	1,200.00			
Machinist	250.00			
Carpenter	377.50			
Painter	20.00			
Labors	133.50			
Election Officers	23,608.00			
Election Officers Special Deputies	824.00			
Department of Electricity—				
Chief Electrician	2,400.00			
Clerks	3,040.00			75,949.38

AUDITOR

SALARY REGISTER OF OFFICIALS AND ASSISTANTS.	Salaries.	Services, Wages, etc.	Material and Supplies.	Fees.	Total.
Stenographers	1,606.65				
Secretary	300.00				
Cashier	356.65				
Engineer	125.00				
Electrical Engineer	1,525.00				
Draftsmen	330.00				
Operators—Telegraph	7,463.35				
Inspectors	6,146.60				
Foremen	7,391.00				
Batterymen	801.00				
Linemen	2,992.00				
Instrument Makers	3,778.90				
Machinists	1,916.50				
Finisher	540.00				
Signal Dispatchers	500.00				
Repairs	969.00				
Helpers	720.00				
Hostler	450.00				
Wiremen	2,379.70				
Electrical Workers	112.50				
District Attorney	4,999.92				
Assistants (3) (Superior Court)	10,800.00				
Assistants (4) (Police Court)	9,600.00				
Assistants (2) Extra	4,175.00				
Chief Clerk and Assistant	3,000.00				
Stenographer	862.50				
Messenger	1,437.50				
Bookkeeper	1,200.00				
Warrant and Bond Clerk	2,400.00				
Warrant and Bond Clerk Assistants	6,600.00				
Examination of Insane People— Examiners				5,840.00	
					45,074.92
					5,840.00
					45,843.85

AUDITOR

Fire Department—	
Commissioners	4,673.35
Secretary	2,400.00
Chief Engineer	3,999.96
Chief Engineer, First and Second Assistants	5,400.00
Battalion Chiefs	25,196.00
Commissary (Clerks)	1,366.95
Hydrantmen	1,065.00
Watchman	862.50
Veterinary Surgeon	1,200.00
Stablemen	4,080.00
Teamsters	1,995.00
Janitors and Helpers	2,040.00
Employees of Fire Companies	439,370.25
Employees of Hook and Ladder Companies	131,203.15
Employees of Chemical Companies	38,045.35
Employees of Relief Companies	24,217.80
Employees of Monitor Batteries	1,733.35
Employees of Water Tower Companies	1,736.05
Substitute Firemen	
Theater Detail	4,224.20
	461.30

Corporation Yard Employees—	
Blacksmiths and Helpers	8,593.65
Boilermaker	1,129.95
Harnessmakers	3,571.65
Machinists	4,123.40
Steamfitter	836.70
Painters	3,583.30
Pattern Maker	1,320.50
Woodworkers	2,387.25
Watchmen and Helpers	4,080.00

714,896.61

Firemen's Relief—	
Allowance for Exempt Firemen	5,000.00

5,000.00

Department of Health—	
Almshouse—	
Superintendent	766.65
Clerk	65.00
Matron	320.00
Resident Physician	625.00
Commissary	500.00

AUDITOR

52,726.74

Bacteriologist	2,300.00
Toxicologist	1,199.99
City and County Hospital—	
Warden	2,280.00
Physician	75.00
Commissary	666.70
Clerks	2,510.00
Druggists	1,942.35
Ambulance Drivers	968.00
Baker	485.00
Butcher	580.00
Cooks	3,308.35
Engineer	420.00
Hostler	235.00
Housekeepers	660.00
Helpers	1,696.45
Internes	610.75
Instructors	482.50
Laborers	921.65
Laundrymen	1,646.55
Mechanics	694.45
Matron	187.00
Morgue Tender	195.70
Messenger	100.00
Nurses—Professional	2,939.50
Nurses—Pupil	4,662.90
Night Assistants	142.00
Orderlies	1,686.50
Painter	81.05
Plumber	180.00
Pantrymen	645.10
Rat Catcher	8.00
Stenographer	162.50
Steward	95.00
Surgical Dresser	900.00
Waiters	1,940.00
Warehouseman	300.00
X-Ray Operator	81.25
Watchmen	2,096.85
Wardtenders	1,355.35

37,941.45

AUDITOR

SALARY REGISTER OF OFFICIALS AND ASSISTANTS.	Salaries.	Services, Wages, etc.	Material and Supplies.	Fees.	Total.
Emergency Hospital—					
Chief Surgeon	2,400.00				
Assistant Surgeons	9,578.55				
Chief Steward	1,500.00				
Assistant Stewards	8,888.75				
Nurses	5,754.00				
Attendants	300.00				
Ambulance Drivers	7,679.80				36,101.10
Leper and Twenty-sixth Street Hospital—					
Steward	723.35				
Cook	1,020.00				
Nurse	900.00				
Laundryman	165.00				
Orderlies	1,695.00				
Porter	95.00				4,598.35
Smallpox Hospital—					
Physician	900.00				
Nurse	1,092.50				
Laundress	645.00				
Watchman	394.00				3,031.50
Superior Court—					
Judges of Superior Court (12)	36,000.00				
Secretary to Superior Judges	1,800.00				37,800.00
Reporter's Fees—					
(Taking down and transcribing testimony, Court orders.)					
Department No. 2				34.00	
Department No. 4				40.00	
Department No. 6				9,942.30	
Department No. 7				25.00	

AUDITOR

<p>Department No. 10.....</p> <p>Department No. 11.....</p> <p>Department No. 12.....</p> <p>Police Courts—</p> <p>Judges of Police Courts (4).....</p> <p>Stenographers.....</p> <p>Justices' Court—</p> <p>Justices of the Peace (5).....</p> <p>Chief Clerk.....</p> <p>Deputies.....</p> <p>Messenger.....</p> <p>Law Library—</p> <p>Librarian.....</p> <p>Messenger.....</p> <p>Mayor</p> <p>Secretary.....</p> <p>Usher.....</p> <p>Stenographer.....</p> <p>Police Department—</p> <p>Commissioners.....</p> <p>Secretary.....</p> <p>Chief of Police.....</p> <p>Clerk to Chief of Police.....</p> <p>Property Clerk.....</p> <p>Captains of Police.....</p> <p>Captain of Detectives.....</p> <p>Lieutenants of Police.....</p> <p>Sergeants of Police.....</p> <p>Detective Sergeants.....</p> <p>Corporals.....</p> <p>Police Officers (Patrolmen).....</p> <p>Stenographer.....</p> <p>Police Surgeon.....</p> <p>Patrol Drivers.....</p>	<p>68.60</p> <p>13,499.28</p> <p>9,250.40</p> <hr/> <p>32,859.58</p> <p>14,400.00</p> <p>9,600.00</p> <hr/> <p>18,000.00</p> <p>3,000.00</p> <p>4,500.00</p> <p>900.00</p> <hr/> <p>2,400.00</p> <p>1,080.00</p> <hr/> <p>5,866.94</p> <p>2,400.00</p> <p>837.50</p> <p>1,030.00</p> <hr/> <p>4,800.00</p> <p>1,800.00</p> <p>3,753.03</p> <p>2,376.00</p> <p>2,376.00</p> <p>16,350.59</p> <p>3,000.00</p> <p>22,724.00</p> <p>67,366.30</p> <p>43,610.68</p> <p>25,182.14</p> <p>770,631.62</p> <p>1,800.00</p> <p>1,299.99</p> <p>30,196.67</p>
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SALARY REGISTER OF OFFICIALS AND ASSISTANTS.	Salaries.	Services, Wages, etc.	Material and Supplies.	Fees.	Total.
Hostlers	2,032.67				
Telephone Operators	1,766.67				
Matrons	1,824.00				
Cook	1,080.00				
Engineer—Police Boat	416.68				
Contribution of Officers				18,268.00	
Fines imposed on Officers				1,921.00	
Recorder					1,021,578.01
Deputies	3,600.00				
Extra Deputies	4,800.00				
Index Clerks	5,366.70				
Mortgage Clerk	6,646.70				
Folio Clerks	1,200.00				
Machinist	34,642.21				
Messenger	1,200.00				
	900.00				
Sheriff					58,355.61
Under Sheriff	7,939.92				
Attorney	2,400.00				
Chief Bookkeeper	1,800.00				
Assistant Bookkeepers	1,800.00				
Bookkeeper for Jails	3,000.00				
Deputies	1,500.00				
Bailiffs	16,416.70				
Commissary	16,800.00				
Superintendent of Jails	1,500.00				
Jailers	1,800.00				
Matron	12,513.33				
Van Drivers	900.00				
Guards	1,800.00				
Cook	12,708.20				
Stenographer	75.00				
	236.85				

AUDITOR

Supervisors	21,536.70			
Clerk	3,600.00			
Assistant Clerks	16,685.22			
Expert Accountants	3,100.00			
Sergeant-at-Arms	1,485.45			
Finance Committee—				
Experting Accounts	600.00			
Telephone Operator	855.85			
Clerks of Board of Equalization	600.00			48,463.22
Tax Collector	3,999.96			
Chief Deputy	2,400.00			
Cashier	2,400.00			
Deputies	22,441.70			
Clerks	26,361.82			
Assistant Cashier	1,800.00			
Searcher	1,800.00			61,203.48
Treasurer	4,000.00			
Chief Deputy	2,400.00			
Deputies	3,600.00			
Clerks	2,425.00			
Bookkeepers	3,875.00			
Extra Clerk	1,800.00			
Total of Salary Register	\$2,608,744.82	\$76,149.15	\$58,888.50	\$2,743,782.55

AUDITED DEMANDS, GENERAL FUND—MISCELLANEOUS ACCOUNT, FISCAL YEAR 1907-1908.

ACCOUNTS AND PURPOSES.	Salaries.	Services, Wages, etc.	Miscellaneous, Material, Etc.	Fees, Judgments.	Total.
Advertising for Municipal Departments—					
Assessor			126.10		
Board of Health			454.25		
Board of Public Works			4,779.05		
Board of Supervisors			22,160.50		
Civil Service Commission			447.20		
Department of Elections			769.65		
Fire Commission			828.70		
Mayor			77.70		
Treasurer			353.50		29,996.65
Burial of Indigent Dead—					
Burials			4,324.50		
Headboards			656.50		4,981.00
Assessor's Field Deputy Expenses—					
Livery			980.80		980.80
City Attorney—Defense of Spring Valley Water Co's Suit—					
Consulting Engineer		2,550.50			
Expert Services		235.45			
Copying		448.84			
Stenographic Services		1,171.70			
Cabinets					
Maps, Charts, Etc.			118.53		
Municipal Reports			264.87		
			100.00		
Coroner's Expenses—					
Automobile Service			25.20		
Automobile Repairs			45.00		
Drugs and Chemicals			1.75		
Dry Goods			71.50		
Forage			448.45		4,919.89

Furniture	27.00	
Groceries	5.85	
Hardware	86.98	
Harness	37.50	
Heater	25.10	
Horse Shoeing	136.00	
Lamps and Repairs	15.36	
Laundry Service	92.50	
Locksmithing	37.65	
Lumber	18.41	
Photographing Unknown Dead	66.00	
Recovering Bodies from Bay	452.50	
Removing Garbage	60.00	
Repairs to Vehicles	194.80	
Rubber Goods	36.00	
Stable supplies	26.38	
Stationery	69.35	
Subscriptions to Papers	19.00	
Surgical Instruments	25.05	
Telegraph Services	4.20	
Veterinary Services	23.00	
Metal Box	22.25	
Hostler		900.00
Commissary Department (General Supplies).—		
Alcohol	6.75	
Blacksmithing	58.15	
Bread	3,907.63	
Carriage	42.00	
Drugs and Medical Supplies	805.74	
Dry Goods and Clothing	3,914.51	
Forage	1,301.08	
Fruits and Vegetables	1,624.29	
Fuel	3,429.44	
Furniture	91.80	
Gravel	5.50	
Groceries	14,329.25	
Hardware	2,681.27	
Harness	270.15	
Heaters	460.00	
Hand Cuffs	238.00	
Horse Shoeing	144.80	
Hose	34.30	
Ice	239.75	
		2,972.78

AUDITED DEMANDS, GENERAL FUND—MISCELLANEOUS ACCOUNT, FISCAL YEAR 1907-1908.—Continued.

ACCOUNTS AND PURPOSES.	Salaries.	Services, Wages, etc.	Miscellaneous. Material, Etc.	Fees, Judgments.	Total.
Lime and Cement.....			10.50		
Livery.....			238.55		
Lumber.....			466.39		
Meats, Poultry and Fish.....			8,935.11		
Milk and Cream.....			1,159.90		
Oil.....			160.55		
Patent Chimneys.....			57.96		
Paints.....			66.22		
Repairs to Lamps.....			12.78		
Rubber Goods.....			20.33		
Shoes.....			1,093.42		
Stoves and Ranges.....			239.70		
Sewing Machine.....			40.00		
Sewer Pipe.....			17.66		
Veterinary Service.....			14.50		
Washing (Laundry).....			2.40		
Wagon.....			337.50		
Wagon Repairs.....			277.62		
Wines and Liqueurs.....			349.60		
Wire.....			295.00		
Stenographer.....	13.15				
Deputy Sheriff.....	125.00				
Carpenters.....		404.25			
Cement Finisher.....		51.25			
Painter.....		120.00			
Wireman.....		7.50			
Commissary—City and County Hospital—					
Alcohol.....			250.54		
Bread.....			969.64		
Brooms and Brushes.....			117.43		
Drugs and Chemicals.....			3,884.74		
Dry Goods and Clothing.....			4,834.07		
Engrossing.....			8.00		
Forage.....			535.53		
Fruit and Vegetables.....			2,509.03		
Fuel.....			5,693.50		
					48,116.25

Groceries	17,476.23
Glassware	124.36
Hardware	2,231.18
Harness	30.70
Horseshoeing	174.00
Horse Keeping	112.50
Horse Clipping	9.00
Ice	510.70
Incidentals	60.77
Instruments	574.34
Laundry	6.25
Lamps	12.92
Lumber	10.75
Liquor	466.32
Medical Supplies	441.51
Meat, Poultry and Fish	6,789.83
Milk and Cream	5,679.00
Paints	209.73
Removing Garbage	56.00
Rubber Goods	673.50
Repairs to Wagons	215.35
Transportation	7.50
Veterinary Service	2.50
Hospital Service—Care of Indigent Sick—	
St. Joseph's Hospital	638.94
St. Luke's Hospital	750.30
San Francisco Relief and Red Cross Hospital	52,940.57
University of California Hospital	12,966.71
United States Army Hospital	11,415.28
Leane Hospital	11,092.63
Mt. Zion Hospital	1,412.57
Children's Hospital	1,673.19
Hahnemann Hospital	3,796.28
California Woman's Hospital	114.10
Commissary Department—Alms House—	
Alcohol	9.00
Blacksmithing	178.35
Brooms	41.67
Drugs and Chemicals	204.89
Dry Goods	1,667.64
Forage	1,537.66
54,677.42	
96,800.57	

AUDITED DEMANDS, GENERAL FUND—MISCELLANEOUS ACCOUNT, FISCAL YEAR 1907-1908.—Continued.

ACCOUNTS AND PURPOSES.	Salaries.	Services, Wages, etc.	Miscellaneous, Material, Etc.	Fees, Judgments.	Total.
Fuel			3,374.70		
Furniture			193.92		
Fruits and Vegetables			434.50		
Groceries			12,027.32		
Hardware			441.88		
Harness			128.75		
Horseshoeing			195.00		
Ice			135.00		
Instruments			11.75		
Kitchen Furniture			36.04		
Lamps			13.80		
Liquors			629.49		
Lumber			132.00		
Machinery			203.32		
Meat, Poultry and Fish			5,708.49		
Milk and Cream			2,125.80		
Oil			1,234.40		
Paint			139.90		
Plumbing			300.00		
Pump			60.00		
Removing Garbage			140.00		
Rubber Goods			187.55		
Shoes			270.64		
Stationery			26.83		
Veterinary Service			85.50		
					31,875.79
Leper and Twenty-sixth Street Hospital—					
Bread			57.04		
Drugs			91.66		
Dry Goods			190.36		
Fruits and Vegetables			112.26		
Fuel			463.75		
Forage			25.54		
Groceries			1,749.96		
Hardware			187.13		
Horse Keeping			66.65		
Ice			39.00		

3,806.21

3,282.86

Liquor
 Meat, Poultry and Fish
 Milk
 Shoes

Smallpox Hospital—

Bread
 Drugs and Medical Supplies
 Dry Goods
 Fuel
 Furniture
 Fruit
 Forage
 Groceries
 Hardware
 Horseshoeing
 Ice
 Liquor
 Rubber Goods
 Shoes
 Meats, etc
 Milk
 Paints
 Veterinary Service
 Wagon Repairs

18.30
 591.19
 193.40
 19.87

48.94
 134.01
 50.69
 437.95
 163.00
 206.12
 102.15
 1,219.12
 193.81
 39.50
 45.00
 44.76
 20.70
 15.64
 332.95
 153.60
 51.47
 12.00
 11.45

Department of Elections—

Advertising
 Auto Service
 Ballot Boxes
 Ballot Paper
 Bookbinding
 Cartage
 Directories
 District Maps
 Erecting and Taking Down Booths
 Electrical Material
 Freight
 Flags
 Furnishing Booths
 Furniture
 Great Register (Printing)
 Great Register (Printing) Supplement
 Glass

1,401.60
 673.07
 2,085.20
 1,284.05
 40.00
 497.00
 18.00
 568.00
 17,454.57
 134.00
 56.85
 29.80
 3,057.80
 102.65
 7,516.37
 660.40
 6.50

AUDITED DEMANDS, GENERAL FUND—MISCELLANEOUS ACCOUNT, FISCAL YEAR 1907-1908.—Continued.

ACCOUNTS AND PURPOSES.	Salaries.	Services, Wages, etc.	Miscellaneous, Material, Etc.	Fees, Judgments.	Total.
Hardware			173.75		
Installing Electric Lights			307.52		
Lamps			25.00		
Livery			676.50		
Locksmithing			90.00		
Lumber			761.51		
Paper Roofing			1,006.75		
Printing Ballots			388.75		
Printing—Miscellaneous			378.90		
Postage			1,590.00		
Rent of Premises			2,387.50		
Removing Garbage			16.05		
Rubber Goods			506.75		
Stationery			4,256.87		
Safe			110.00		
Transportation			25.00		
Water		621.50	21.00		
Carpenters		45.00			
Painters		135.00			
Plumbers					
District Attorney—					
Auto Hire			57.50		
Printing			163.50		
Auto Supplies and Repairs			2,933.09		
Furniture			257.70		
Incidentals			48.85		
Typewriting			12.00		
Transcribing Testimony			40.60		
Expert Services (Grand Jury)			517.50		
Water			40.50		
Law Books			414.00		
Medical Examination—A. Ruef			50.00		
Medical Examination—Glass			50.00		
Notary Fees			116.50		
Serving Subpoenas			30.70		
Certified Copy of Document			4.00		
					19,109.21

Department of Electricity—

Auto Supplies	166.75
Blue Prints	6.00
Chemicals	16.72
Boarding Horses	430.00
Brass Material	119.70
Blacksmithing	278.80
Dry Goods	4.87
Electrical Supplies	3,412.04
Fuel	105.95
Fire Alarm Box	85.00
Groceries	3.69
Harness	43.90
Hardware	1,216.24
Horseshoeing	129.00
Incidentals	63.40
Lamps and Repairs	445.88
Leather	17.43
Laundry	391.76
Lumber	711.35
Livery	183.79
Paints	20.48
Paper	10.00
Removing Garbage	10.00
Rent of Premises	1,411.00
Rubber Goods	53.11
Wagon Repairs	87.15
Wire	700.01
	10,173.52

Fire Department—

Auto Repairs	336.16
Auto Supplies	316.46
Automobile	3,050.00
Apparatus	30,616.81
Badges	773.70
Blacksmithing	161.42
Boiler Repairs	31.55
Brass Material	1,841.40
Castings	467.14
Cement and Lime	107.20
Chimneys	10.80
Cordage	358.42
Distillate	788.92
Drugs and Chemicals	1,020.13

AUDITED DEMANDS, GENERAL FUND—MISCELLANEOUS ACCOUNT, FISCAL YEAR 1907-1908.—Continued.

ACCOUNTS AND PURPOSES.	Salaries.	Services, Wages, etc.	Miscellaneous. Material, Etc.	Fees. Judgments.	Total.
Dry Goods			119.08		
Electrical Supplies			189.40		
Electrical Power			210.09		
Engine House Dryer			200.00		
Fire Extinguisher			210.00		
Forage			41,749.16		
Fuel			13,289.45		
Furniture			1,473.61		
Fire Plugs			56.32		
Gas Engines			277.20		
Groceries			1,394.88		
Hardware			9,057.92		
Harness and Repairs			1,887.31		
Heaters			526.60		
Hose			19,496.59		
Horses			11,885.00		
Horseshoeing			8,865.50		
Hydrants and Repairs			13,397.65		
Incidentals			207.00		
Iron Beds			558.00		
Iron and Steel			1,080.71		
Lamps and Repairs			1,255.00		
Ladders			137.00		
Leather			345.98		
Lifenet			80.00		
Lumber and Millwork			385.79		
Machinery and Repairs			66.84		
Metal Polish			154.96		
Metal Work			25.00		
Oils			1,289.25		
Packing			59.41		
Paints			1,681.11		
Pipe Covering			98.97		
Painting			60.30		
Plumbing			362.47		
Rent of Premises			3,720.00		
Rent of Safe Deposit Box			120.00		
Repairs to Sewer			6.90		

AUDITOR

<p>Rubber Goods.....</p> <p>Removal of Garbage.....</p> <p>Scales.....</p> <p>Springs.....</p> <p>Spray.....</p> <p>Stable Supplies.....</p> <p>Stationery.....</p> <p>Trunk.....</p> <p>Tools and Repairs.....</p> <p>Tubing.....</p> <p>Wagon Material.....</p> <p>Wagon Repairs.....</p> <p>Wire.....</p>	<p>2,034.49</p> <p>3,575.00</p> <p>23.00</p> <p>214.15</p> <p>32.00</p> <p>1,730.22</p> <p>174.64</p> <p>3.00</p> <p>249.49</p> <p>418.10</p> <p>636.56</p> <p>175.25</p> <p>169.36</p>	<p>185,295.91</p>
<p>Fourth of July Expenses—</p> <p>For Observance.....</p>		
<p>Furniture for Offices of</p> <p>Auditor.....</p> <p>Board of Health.....</p> <p>County Clerk.....</p> <p>Civil Service Commission.....</p> <p>City Attorney.....</p> <p>City Engineer.....</p> <p>City and County Hospital.....</p> <p>District Attorney.....</p> <p>Emergency Hospital.....</p> <p>Law Library.....</p> <p>Police Department.....</p> <p>Police Court.....</p> <p>Public Works.....</p> <p>Recorder.....</p> <p>Sheriff.....</p> <p>Mayor.....</p> <p>Superior Court.....</p> <p>Supervisors.....</p> <p>Treasurer.....</p> <p>Various Departments (Typewriters).....</p> <p>Juvenile Court.....</p>		
<p>Grand Jury Expenses—</p> <p>Fees of Jurors.....</p> <p>Stenographer.....</p>		
	<p>2,500.00</p>	
	<p>121.25</p> <p>312.55</p> <p>81.75</p> <p>44.15</p> <p>421.73</p> <p>72.50</p> <p>118.50</p> <p>177.00</p> <p>184.48</p> <p>33.60</p> <p>862.27</p> <p>172.25</p> <p>1,258.82</p> <p>110.59</p> <p>91.65</p> <p>637.95</p> <p>1,370.72</p> <p>1,462.02</p> <p>15.00</p> <p>360.00</p> <p>84.90</p>	
	<p>2,500.00</p>	
	<p>68.50</p>	
	<p>1,124.00</p>	
	<p>7,993.68</p>	
	<p>1,192.50</p>	

ACCOUNTS AND PURPOSES.	Salaries.	Services, Wages, etc.	Miscellaneous. Material, Etc.	Fees, Judgments.	Total.
Department of Health—					
Advertising.....			5.00		
Automobile Supplies.....			10.00		
Badge.....			3.50		
Drugs and Chemicals.....			475.19		
Electrical Supplies.....			55.35		
Engrossing Resolutions.....			15.00		
Fuel.....			129.45		
Horseshoeing.....			5.50		
Hardware.....			194.81		
Ice.....			25.10		
Incidentals.....			94.35		
Instruments (Surgical).....			236.33		
Laboratory Supplies.....			91.26		
Lamps and Repairs.....			38.94		
Laundry Service.....			99.75		
Livery.....			4,525.70		
Money Advanced and Refunded.....			58.20		
Furniture.....			88.90		
Repairs to Adding Machines.....			2.05		
Painting.....			10.00		
Press Clippings.....			12.50		
Plumbing.....			9.75		
Paints and Oils.....			19.40		
Rubber Goods.....			18.40		
Samples.....			25.32		
Stationery.....			177.77		
Transportation.....			386.50		
Typewriter Rent and Repairs.....			19.00		
					6,833.02
Emergency Hospital—					
Alcohol.....			60.08		
Auto Supplies.....			89.51		
Bread.....			133.72		
Drugs and Chemicals.....			1,233.14		
Dry Goods and Clothing.....			874.08		
Porage.....			878.53		

AUDITOR

Furniture	24.90		
Groceries	1,269.61		
Hose	5.00		
Hardware	161.64		
Harness	222.35		
Horses	500.00		
Horsehoeing	665.50		
Horse Keeping	205.00		
Hand Cuffs	6.75		
Incidentals	100.00		
Ice	75.90		
Instruments	781.17		
Laundry Service	1,860.06		
Liquors	184.97		
Medical Supplies	269.40		
Meat, Poultry and Fish	8.00		
Paper	10.61		
Paints	420.00		
Rent of Premises	4.50		
Rent of Typewriter	684.90		
Repairs to Wagons	79.00		
Removal of Garbage	150.86		
Rubber Goods	89.50		
Veterinary Service			11,137.72
Interment ex-Union Soldiers and Sailors—			
Interments	2,800.00		2,800.00
Jury Expenses—Criminal Cases—			
Meals served Trial Jurors	183.55		
Hotel expenses, People v. S. Glass	1,104.70		
Jury Fees and Witness' Expenses—			
Fees of Trial Jurors—Department No. 6		3,886.00	
Fees of Trial Jurors—Department No. 7		24.00	
Fees of Trial Jurors—Department No. 11		6,478.00	
Fees of Trial Jurors—Department No. 12		10,486.00	
Witness' Expenses—Police Court			
Witness' Expenses—Grand Jury	152.50		
Witness' Expenses—Department No. 6	15.00		
Witness' Expenses—Department No. 9	32.00		
Witness' Expenses—Department No. 10	138.40		
Witness' Expenses—Department No. 11	23.80		
Witness' Expenses—Department No. 12	15.60		
Witness' Expenses—Department No. 12	1,255.30		
			22,506.60

AUDITOR

ACCOUNTS AND PURPOSES.	Salaries.	Services, Wages, etc.	Miscellaneous, Material, Etc.	Fees, Judgments.	Total.
Law and Motion Calendar— Printing Daily Trial Calendar of Superior Court, etc.....			3,300.00		3,300.00
License Blanks, Tags and Numbers—			2,470.81		2,470.81
Lighting Streets and Public Buildings— Lighting Streets with Gas..... Lighting Streets with Electricity..... Lighting Public Buildings with Gas (Except Schools, Library and Park.)..... Lighting Public Buildings with Electricity (Except Schools, Library and Park.)..... Special Street Lighting With Electricity (Fleet Conclave.)..... Trimming Arc Lamps..... Material and Labor supplied..... Assistant Light Inspector.....			107,276.46 132,526.52 8,461.22 22,303.12 2,659.30 190.00 538.38		
Mayor's Contingent Expenses— Distribution		1,045.00			275,000.00
Memorial Day, Observance of			3,600.00		3,600.00
Municipal Reports— Printing and Compiling.....			404.07		404.07
Miscellaneous Court Orders—Demands Audited and Paid by Order of Court— Incidentals for Grand Jury..... Expert Testimony..... Hotel Expenses, People vs. Glass.....			1,441.50 279.75 50.00 1,075.20		1,441.50

Sheriff's Expenses, People vs. Glass.....	143.50
Livery Expenses, People vs. Glass.....	650.00
Hotel Expenses, People vs. Barnett.....	1,411.35
Auto Hire, People vs. Barnett.....	205.00
Entertaining Jury, People vs. Barnett.....	165.45
Hotel Expenses, People vs. Ford.....	5,523.95
Transportation, entertaining Jury, People vs. Ford.....	
Witness Expenses, People vs. Ford.....	1,062.80
Incidentals, People vs. Halsey.....	114.78
Expert Testimony, People vs. Mink.....	40.00
Hotel Expenses, People vs. Tanzy.....	35.00
Entertaining Jury, People vs. Tanzy.....	466.90
Livery, People vs. Tanzy.....	254.50
Auto Hire, People vs. Tanzy.....	30.00
Livery, People vs. Pollard.....	47.50
Meals for Jurors—Department No. 10.....	49.60
Meals for Jurors—Department No. 12.....	14.00
Sheriff—Auto Hire.....	56.35
Sheriff—Traveling Expenses.....	285.00
Probation Officer Expenses.....	51.00
Rent of Temple Israel.....	2,238.34
Rent of Grand Jury Room.....	9,000.00
Stationery—Department No. 11.....	60.25
Witness' Expense—Police Court.....	15.75
Witness' Expense—Superior Court.....	116.80
Ellisor Expenses (W. J. Biggy).....	401.60
Board and Lodging, People vs. Ruef.....	1,650.00
Medical Service, People vs. Ruef.....	2,756.45
Auto Service, People vs. Ruef.....	30.00
Stenographer, Expenses Grand Jury.....	406.25
Expense of Acting Judge—Department No. 4.....	5,200.00
Expense of Acting Judge—Department No. 6.....	208.70
Expense of Acting Judge—Department No. 12.....	656.80
Fees of Grand Jurors.....	585.55
	3,198.00

38,536.12

Money Paid in Error—
Refund.....

3,157.15

3,157.15

Maintenance of Minors—
Maintenance of Criminal Insane (State).....

1,791.50

1,791.50

AUDITOR

ACCOUNTS AND PURPOSES.	Salaries.	Services, Wages, etc.	Miscellaneous. Material, Etc.	Fees, Judgments.	Total.
Maintenance of Feeble Minded (State).....			22,210.00		22,210.00
Maintenance of Minors at Preston School (State)			10,982.06		10,982.06
Maintenance of Minors at Whittier School (State)			599.85		599.85
Maintenance of Minors, Boys' and Girls' Aid Society.....			6,243.13		
Maintenance of Minors, Beulah Hospital.....			87.50		
Maintenance of Minors, Children's Agency.....			1,576.89		
Maintenance of Minors, Florence Crittenden Home.....			117.00		
Maintenance of Minors, Holy Cross Orphanage.....			1,586.17		
Maintenance of Minors, Infants' Shelter.....			775.13		
Maintenance of Minors, Magdalen Asylum.....			9,275.50		
Maintenance of Minors, Maud Booth Home.....			2,535.25		
Maintenance of Minors, Mt. St. Joseph's Orphan Asylum.....			4,945.29		
Maintenance of Minors, McKinley Orphanage.....			33.00		
Maintenance of Minors, Pajaro Valley.....			1,754.40		
Maintenance of Minors, Roman Catholic Or- phan Asylum.....			1,680.99		
Maintenance of Minors, Salvation Army.....			12.50		
Maintenance of Minors, San Francisco Chil- dren's Orphanage.....			30.00		
Maintenance of Minors, San Francisco Ladies P. and R. Society.....			219.40		
Maintenance of Minors, San Francisco Nursery for Homeless Children.....			410.00		
Maintenance of Minors, St. Francis' Girls Directory.....			3,847.50		
Maintenance of Minors, St. Vincent De Paul Society.....			19.00		

AUDITOR

Maintenance of Minors, St. Vincent's Orphan Asylum	8,897.04		
Maintenance of Minors, Sister Mary Caine Orphanage	5,221.80		19,267.49
Maintenance of Juvenile Home—			
Salaries	1,597.57		
Groceries	116.35		
Fuel	33.27		
Incidentals	144.60		
Laundry Service	700.00		
Payment on Buildings	100.00		
Rent	5.00		
Removing Garbage			3,496.79
Purchase of Lot for Fire Department—			
Land Purchased	5,000.00		5,000.00
Public Pound Expenses—			
Impounding and Destroying Animals.....	5,833.00		5,833.00
Public Utilities, Investigation of—			
Auto Service	27.50		
Expense Securing Right-of-Way, Hetch Hetchy Water System	573.65		
Expense, Marsden Manson to Washington and return	408.84		
Maps	630.00		
Printing	540.00		
Telegrams	168.02		
Civil Engineer	600.00		
Expert Services	1,580.00		
Clerical Services	448.60		
Publishing Delinquent Tax List			
	2,293.55		4,976.61
Police Contingent Expenses			
	7,999.92		7,999.92
			2,293.55
			800.00

AUDITOR

ACCOUNTS AND PURPOSES.	Salaries.	Services. Wages, etc.	Miscellaneous. Material, Etc.	Fees. Judgments.	Total.
Police Department Supplies—					
Fuel.....			589.50		
Laundry Service.....			206.75		
Photo Material.....			659.33		1,455.58
Police Patrol Expenses—					
Automobile Service.....			732.85		
Automobile Supplies.....			650.50		
Automobile Repairs.....			678.53		
Blacksmithing.....			1,205.20		
Boarding Horses.....			1,166.30		
Drugs.....			67.83		
Electrical Material.....			141.85		
Forage.....			4,997.43		
Groceries.....			239.03		
Horses.....			1,650.00		
Horseshoeing.....			1,076.50		
Hose.....			16.05		
Hardware.....			275.07		
Harness.....			474.25		
Incidentals.....			27.85		
Lamps and Repairs.....			115.25		
Lime and Cement.....			92.98		
Livery.....			5,288.00		
Lumber.....			52.60		
Rubber Goods.....			227.09		
Removing Garbage.....			124.50		
Wagon Repairs.....			358.35		
Water.....			6.00		
Veterinary Service.....			334.00		19,998.01
Police Department—					
Purchase of Horses.....			2,500.00		2,500.00
Purchase of Police Patrol Boat.....			9,850.00		9,850.00

AUDITOR

Purchase of Harness.....			359.50
Maintenance of Police Launch—			
Plans.....		150.00	
Hardware.....		184.64	
Photo Supplies.....		45.00	
Mooring Float.....		35.00	
Furniture.....		44.75	
			459.39
Printing Ordinances and Charters.....		3,561.77	3,561.77
Printing Transcripts on Appeal—			
County Clerk.....		2,084.20	
City Attorney.....		226.80	
District Attorney.....		20.00	
People vs. Glass.....		1,216.80	
People vs. Smith.....		546.30	
			4,094.10
Revising Ordinances—			
Expert Services.....	675.00		
Stenographer.....	108.00		
Transportation.....		83.15	
			866.15
Rent of Public Offices—			
Architects Office.....		1,070.00	
Assessor.....		2,750.00	
City Attorney.....		625.00	
Coroner.....		648.00	
County Clerk.....		3,936.00	
Civil Service Commission.....		590.00	
Department of Electricity.....		1,500.00	
District Attorney.....		500.00	
Grant Building.....		13,050.00	
Grand Jury Rooms.....		354.25	
Hall of Justice.....		24,000.00	
Justices' Court.....		2,625.00	
Mayor.....		250.00	
Police Department.....		3,171.00	
Sheriff.....		1,880.00	
Superior Courts.....		2,565.00	
Tax Collector.....		2,550.00	
Treasurer.....		1,650.00	
Telephone Operator.....			
			70.00
			63,784.25

AUDITED DEMANDS, GENERAL FUND—MISCELLANEOUS ACCOUNT, FISCAL YEAR 1907-1908.—Continued.

ACCOUNTS AND PURPOSES.	Salaries.	Services, Wages, etc.	Miscellaneous, Material, Etc.	Fees, Judgments.	Total.
Sheriff's Expenses—					
Boarding Horses			143.27		
Clipping Horses			10.00		
Horseshoeing			240.00		
Jivery			613.03		
Repairs to Typewriter			9.53		
Repairs to Wagons			455.85		1,471.72
Stationery for Assessor.....			3,377.64		3,377.64
Stationery for Public Offices—					
Auditor			336.49		
Board of Supervisors			2,458.65		
Board of Public Works			1,570.50		
City Attorney			101.35		
Coroner			146.35		
County Clerk			2,172.31		
Civil Service Commission			556.29		
Department of Electricity			464.68		
District Attorney			499.48		
Health Department			1,679.13		
Almshouse			14.90		
City and County Hospital			654.63		
Emergency Hospital			150.12		
Fire Department			856.24		
Justices' Clerk			252.81		
Law Library			127.26		
Mayor			41.77		
Police Department			1,958.57		
Police Court			30.30		
Recorder			3,668.67		
Sheriff			684.24		
Superior Courts			181.43		
Tax Collector			1,467.62		
Treasurer			532.04		

Stationery Clerk—For Various Offices.....	8,354.16	
Stationery Clerk—Postage.....	3,040.00	31,999.99
Supervisors Finance Committee Expenses—		
Auto Hire.....	537.50	
Auto Supplies and Repairs.....	266.15	
Incidentals.....	96.20	
Typewriting.....	10.00	
Special Accountant.....	1,481.00	
Expert Services.....	565.00	
Stenographers.....	1,985.35	
Chauffeur.....	1,272.30	
Telephone Operator.....	350.00	
		6,563.50
Taxes Refunded.....	3,177.56	3,177.56
Tax Collector's Horse Hire.....	500.50	500.50
Urgent Necessities—		
Automobile, Supervisors.....	4,500.00	
Automobile Service, Supervisors.....	566.46	
Automobile Repairs, Supervisors.....	2,771.02	
Automobile Hire, Mayor.....	780.92	
Automobile Repairs, Mayor.....	656.11	
Automobile Supplies, Mayor.....	1,051.68	
Automobile Hire—Sheriff.....	150.00	
Automobile Hire—Superior Court.....	170.50	
Automobile Hire—District Attorney.....	258.30	
Automobile Hire—Tax Collector.....	39.00	
Abstracts—City Attorney.....	30.00	
Advertising.....	150.00	
Annual Dues—League of Municipalities.....	120.00	
Bond Books.....	203.53	
Charters.....	60.00	
Cartage.....	181.00	
Copying Depositions, Drum vs. Supervisors.....	3.50	
Copying Depositions, Spreckels vs. Schmitz.....	16.65	
Cleaning Wells—Almshouse.....	65.00	
Compensation for Damaging building, 2511 Sacramento Street.....	549.00	
Disinfectants—Health Department.....	240.57	

AUDITOR

ACCOUNTS AND PURPOSES.	Salaries.	Services. Wages, etc.	Miscellaneous. Material, Etc.	Fees. Judgments.	Total.
Dry Goods—Health Department.....			367.04		
Dictionaries.....			12.50		
Directories.....			575.00		
Experting for Supervisors.....			536.70		
Expert Medical Service—People vs. Halsey.....			75.00		
Expert Medical Service—People vs. Murphy.....			50.00		
Expert Medical Service—People vs. Glass.....			150.00		
Electrical Supplies.....			1.04		
Emergency Hospital Repairs.....			152.04		
Frames.....			4.25		
Furniture, Board of Health.....			158.25		
Furniture, City and County Hospital.....			375.83		
Gas Tanks.....			2.50		
Groceries, Board of Health.....			13.49		
Hardware, Board of Health.....			1,609.72		
Hardware, Board of Works.....			20.90		
Harness, Emergency Hospital.....			15.00		
Horse Keeping, Emergency Hospital.....			60.00		
Investigation of Calaveras Water Shed.....			84.20		
Ice, various offices.....			83.60		
Incidentals, City Attorney.....			95.85		
County Clerk.....			45.00		
Sheriff.....			11.50		
Supervisors.....			77.45		
Tax Collector.....			15.60		
Treasurer.....			85.20		
Insurance.....			95.48		
Law Books, Auditor.....			22.50		
City Attorney.....			734.05		
District Attorney.....			478.55		
Mayor.....			122.50		
Police Courts.....			388.93		
Police Department.....			78.50		
Superior Court.....			807.75		
Supervisors.....			57.90		
Laboratory Supplies.....			37.15		
Locksmithing.....			16.50		
Light.....			10.00		

Livery, City Attorney.....	254.00
County Clerk.....	225.00
Treasurer.....	128.18
Tax Collector.....	45.00
Auditor.....	282.00
Maps.....	85.47
Medical Testimony.....	125.00
Money Refunded, Board of Health.....	74.20
Money Refunded, City Attorney.....	16.85
Mileage, Supervisors.....	25.00
Motor Cycle, Police Department.....	275.00
Moving Tax Collector's Office.....	75.00
Premium on Official Bonds, Treasurer.....	750.00
Press Clippings, City Attorney.....	53.00
Printing Calendars, Supervisors.....	238.62
Printing Briefs, City Attorney.....	25.20
Printing Journals.....	317.05
Photos for Police Department.....	25.58
Postage, Supervisors.....	140.00
Photo Engraving, Auditor.....	7.50
Plumbing.....	115.31
Repairs to Pest House.....	50.60
Restoring Records at Sacramento, Supervisors.....	388.50
Resolutions Engrossed.....	101.20
Rent of Emergency Hospital.....	490.00
Repairs to Adding Machine, Auditor.....	25.25
Rubber Goods.....	246.73
Stationery for Recorder.....	273.16
Serving Subpoenas, District Attorney.....	41.00
Stenographic Work, Supervisors.....	1,024.27
Subscription to Papers.....	56.10
Tax Collector, Advertising.....	766.50
Telephone and Telegraph Service.....	44.65
Tools for Recorder.....	198.49
Transportation, Supervisors.....	170.95
Transportation of Coin to Sacramento.....	588.30
Transportation of Patients to State Institutions	98.10
Transportation to Washington, Finance Com-	
mittee.....	998.00
Typewriting Inspection.....	403.35
Typewriting Supplies.....	147.60
Typewriting Machine, Auditor.....	130.50
Typewriting Machine, Civil Service.....	90.00
Typewriting Machine, Superior Court.....	90.00
Typewriting Machine, Juvenile Home.....	90.00

AUDITED DEMANDS, GENERAL FUND—MISCELLANEOUS ACCOUNT, FISCAL YEAR 1907-1908.—Continued.

ACCOUNTS AND PURPOSES.	Salaries.	Services, Wages, etc.	Material, Etc. Miscellaneous.	Fees, Judgments.	Total.
Water (Spring).....			139.70	200.00	
Witness' Fees, Superior Court.....					
Coroner's Messengers.....	1,800.00				
Chauffeur for Mayor.....	1,125.00				
Stenographer, Civil Service.....	200.00				
Extra Clerk, Treasurer.....	81.67				
Messenger.....	125.00				
Janitor, Superior Court.....		319.00			
Stationery Clerk.....		202.50			
Recorder's Copyists.....		718.38			
Surveyors.....		1,010.00			
Wireman.....		40.00			
Stenographic Work, District Attorney.....		93.35			
Stenographic Work, City Attorney.....		11.00			
Water for Municipal Purposes—					
Water for Hydrants.....			39,999.96		
Water for Buildings.....			9,999.96		
Water Investigation and Copying—					
Reporting Testimony.....			548.25		
Copying Testimony.....			125.00		
Water Supply Investigation—					
Assistant Engineer.....	150.00				
Surveyor.....	498.00				
Labor.....		187.50			
Expense of Marsden Manson.....			261.65		
Photo Material.....			154.02		
Maps.....			65.00		
Instruments.....			117.00		
					35,952.52
					49,999.92
					673.25
					1,433.17

DEMANDS AUDITED FROM FUNDS OF 1906-07.

By Resolutions Passed by Board of Supervisors.

Auditor—

Livery
 Incidentals
 Subscription to Papers
 License Blanks
 Service of Expert

100.00

45.00
 45.41
 5.65
 8.50

204.56

Assessor—

Extra Clerks
 Advertising
 Field Deputy Expense
 Newspaper Subscriptions
 Printing

5.931.35

78.40
 15.00
 3.75
 50.75

6,079.25

Burial of Indigent Dead

453.00

453.00

City Attorney—

Expert Service, Spring Valley Water Co's suit
 Expert Testimony
 Judgment, Eimoto vs. City & Co. of S. F.,
 property damaged
 Judgment, A. N. Lewis vs. City & Co. of S. F.,
 land suit
 Judgment, Albouze et al. vs. City & Co. of
 S. F., land suit
 Judgment, Ryan vs. City & Co. of S. F.,
 land suit
 Judgment, Otis Elevator Co. vs. City & Co.
 of S. F.

575.00
 117.50

450.00
 960.89
 15,028.00
 3,750.00
 5,000.00

88.88
 244.50
 42.49
 433.20

26,690.46

Civil Service Commission—

Stenographer
 Extra Clerk

100.00
 100.00

200.00

AUDITED DEMANDS, GENERAL FUND—MISCELLANEOUS ACCOUNT, FISCAL YEAR 1907-1908.—Continued.

ACCOUNTS AND PURPOSES.	Salaries.	Services, Wages, etc.	Miscellaneous, Material, Etc.	Fees, Judgments.	Total.
County Clerk—					
Copy Holders			180.00		
Filing Cases			1,100.00		
Printing			46.00		
Furniture			450.50		
					1,776.50
Coroner—					
Hostler	180.00				
Drugs			50.23		
Dry Goods			25.50		
Forage			268.68		
Fuel			28.60		
Harness			17.50		
Horses			500.00		
Horseshoeing			56.00		
Horse Chipping			2.50		
Incidentals			99.40		
Laundry Service			23.63		
Law Books			17.50		
Lamps and Repairs			16.85		
Lumber, Screens, etc.			1,416.45		
Photographing Unknown Dead			106.00		
Rent of Premises			40.00		
Recovery of Bodies from Bay			60.00		
Repairs to Wagons			20.20		
Repairs to Office			409.52		
Removal of Garbage			18.00		
Stationery			15.50		
Subscription to Papers			1.50		
Veterinary Service			14.00		
					3,387.56
Commissary Department—					
Alcohol			142.26		
Bread			316.70		
Boiler Repairs			265.00		
Clothing			131.82		

629.12
 1,138.90
 320.16
 1,943.66
 923.30
 2,303.99
 465.40
 1,826.81
 398.00
 98.50
 124.60
 146.89
 194.50
 1,485.88
 180.58
 12.00
 5.50
 308.00
 154.37
 612.24
 29.00
 378.25

1,4535.43

40.50
 425.00
 80.00
 261.00
 250.00
 10.65

1,067.15

110.00
 98.50
 679.25
 75.00
 393.75

201.46
 92.87
 2,181.06
 4.25
 115.00

Drugs and Chemicals
 Dry Goods
 Fruit and Vegetables
 Forage
 Fuel
 Groceries
 Harness
 Hardware
 Horses
 Horseshoeing
 Ice
 Liquor
 Livery
 Meat, Poultry, etc
 Milk and Cream
 Rent of Filters
 Repairs to X-ray
 Removing Garbage
 Rubber Goods
 Surgical Instruments
 Veterinary Service
 Wagon Repairs

Department of Elections—

Advertising
 Cabinets
 Cartage
 Furniture
 Livery
 Rent of Motor

Department of Electricity—

Foreman
 Carpenter
 Linemen
 Wiremen
 Labor
 Concrete Flooring
 Cement
 Electrical Material
 Fuel
 Furniture

ACCOUNTS AND PURPOSES.	Salaries.	Services, Wages, etc.	Miscellaneous. Material, Etc.	Fees, Judgments.	Total.
1906-1907 Account—Continued.					
Groceries			249.00		
Hardware			160.75		
Lamps			50.00		
Laundry			6.00		
Livery			145.00		
Lumber			121.11		
Rent of Premises			217.60		
Removal of Garbage			1.00		
Repairs to Wagons			137.05		
Tools and Repairs			39.79		
Wire			368.36		
					5,446.80
District Attorney—					
Auto Repairs			78.89		
Automobile			2,750.00		
Auto Supplies			625.78		
Costs of Lawsuits			61.00		
Incidentals			323.60		
Furniture			47.50		
					3,886.27
Fire Department—					
Auto Repairs			6.54		
Bags			80.00		
Castings			430.53		
Cement			304.15		
Concrete Flooring			945.00		
Construction of Manure Pits			2,698.59		
Construction of Feed Bins			992.79		
Construction of Engine House			2,554.00		
Electrical Material			31.92		
Electrical Power			41.16		
Fuel			1,083.30		
Furniture			524.50		
Gravel			123.50		
Harness			63.35		
Hardware			262.42		

Horseshoeing	740.00		
Hydrants	260.20		
Heaters	270.00		
Light	18.90		
Leather	144.44		
Lumber	75.37		
Lamps and Repairs	34.45		
Metal Polish	18.00		
Machinery	196.28		
Oils	141.81		
Paints	67.20		
Plumbing	144.78		
Rent of Premises	335.00		
Rubber Goods	132.15		
Sewer Pipe	6.50		
Springs	111.70		
Seales	90.00		
Stable Supplies	159.93		
Tinning	182.00		
Wiring	498.54		
Water	3,500.00		
Cement Finishers	359.25		
Carpenters	281.50		
			17,909.75
Board of Health—			
Ambulance Service	63.00		
Drugs	868.80		
Furniture	15.50		
Hardware	15.00		
Incidentals	95.23		
Laboratory Supplies	490.56		
Laundry Service	18.75		
Livery	405.00		
Printing	42.50		
Transportation	10.00		
Typewriting Machine	113.50		
Back Salaries of Officials of Health Department			7,332.49
City and County Hospital—			
Drugs	1,256.32		
Dry Goods	3,640.37		
Fuel	423.27		
Furniture	2,216.40		
Fire Apparatus	24.00		
			5,194.65

AUDITED DEMANDS, GENERAL FUND—MISCELLANEOUS ACCOUNT, FISCAL YEAR 1907-1908.—Continued.

ACCOUNTS AND PURPOSES.	Salaries.	Services. Wages, etc.	Miscellaneous. Material, etc.	Fees. Judgments.	Total.
1906-1907 Account—Continued.					
Groceries and General Supplies.....			8,643.19		
Harness.....			12.75		
Hardware.....			948.88		
Heaters.....			220.25		
Incidentals.....			42.59		
Horseshoeing.....			13.00		
Paint.....			120.63		
Meats.....			1,006.15		
Milk.....			1,027.20		
Rubber Goods.....			147.24		
Wagon.....			75.75		
Hospital Service, Lane Hospital.....			1,449.92		
Hospital Service, Red Cross Relief Hospital.....			1,857.78		19,817.99
Hospital Service, Hahnemann Hospital.....			301.15		
Hospital Service, University of California Hospital.....			1,537.08		
Leper and Twenty-sixth Street Hospital—					
Drugs.....			8.57		
Groceries.....			287.90		
Oil.....			85.80		
Emergency Hospital—					
Auto Supplies.....			3.00		
Drugs.....			109.60		
Dry Goods.....			11.40		
Electrical Supplies.....			560.97		
Furniture.....			24.50		
Glazing.....			9.75		
Groceries.....			140.21		
Horse Keeping.....			205.00		
Horseshoeing.....			88.00		
Incidentals.....			40.00		
					4,145.93
					382.27

Ice	14.50	
Laundry	211.72	
Light	445.81	
Lumber	2,792.29	
Meat	45.50	
Painting	40.00	
Rent of Premises	150.00	
Repairs to Wagons	46.75	
Removing Garbage	21.00	
Rubber Goods	26.15	
		4,986.15
Almshouse—		
Alcohol	51.80	
Boiler Repairs	219.65	
Castings	312.50	
Drugs	121.48	
Dry Goods	103.80	
Porage	4,693.56	
Fuel	652.20	
Furniture	503.00	
Groceries	5,222.00	
Harness	90.25	
Hardware	15.98	
Horseshoeing	92.50	
Instruments	48.13	
Ice	49.80	
Liquor	764.01	
Lumber	312.00	
Meat, Poultry, etc	2,876.93	
Milk and Cream	371.00	
Machinery and Repairs	1,624.12	
Oil	1,339.97	
Pipe for Protection from Fire	702.50	
Removing Garbage	310.00	
Repairs to Wagons	116.25	
Rubber Goods	710.70	
Stationery	12.00	
Subscription to Papers	19.75	
Veterinary Service	29.50	
		20,365.38
Special Sanitation—		
Advertising	11.10	
Animals	60.00	

ACCOUNTS AND PURPOSES.	Salaries.	Services, Wages, etc.	Miscellaneous, Material, Etc.	Fees, Judgments.	Total.
1906-07 ACCOUNT.—Continued.					
Automobile Supplies			615.96		
Automobile Service			152.36		
Bread			709.87		
Bounty on Rats			4,245.17		
Cement			183.85		
Cordage			16.00		
Drugs and Medical Supplies			2,520.38		
Disinfectants			555.00		
Forage			41.06		
Fuel			12.70		
Furniture			272.25		
Fruits			11.82		
Groceries			3,545.83		
Hardware			1,522.77		
Harness			180.00		
Horse Keeping			300.00		
Horseshoeing			232.50		
House Moving			60.00		
Ice			20.80		
Incidentals			42.67		
Instruments, Surgical			130.30		
Lamps and Repairs			139.36		
Laundry			81.25		
Livery			6,526.15		
Lime, etc.			369.00		
Lumber			50.09		
Meats, Poultry, etc.			18.77		
Milk			14.30		
Oil			112.89		
Paints			747.40		
Photo Supplies			100.99		
Plumbing			139.81		
Rat Traps			299.75		
Rent of Premises			354.85		
Rent of Typewriting Machines			302.71		
Roofing			19.50		
Rubber Goods			697.74		

Stationery and Printing			
Transportation			
Teaming			3,512.65
Telephone Service			175.50
Veterinary Service			135.00
Wagon Hire			46.45
Wagon Repairs			18.00
Water Filters			1,150.00
Wire			59.75
Chief Surgeon	800.00		32.70
Bacteriologist and Helpers	1,017.00		47.00
Clerks and Stenographers	1,480.00		19.83
Chauffeur	100.00		
Commissary	600.00		
Chemist	234.00		
Drivers of Ambulance	260.00		
Foreman		880.00	
Hostler		15.00	
Hospital Inspectors		210.00	
Helpers		40.00	
Industrial Inspectors		1,100.00	
Inspectors of Dead		450.00	
Labor		957.50	
Medical Inspectors		1,190.00	
Morgue Tenders		480.00	
Messengers		144.00	
Nurses		290.00	
Photographer		240.00	
Plumbing Inspectors		520.00	
Sanitary Inspectors		308.30	
Sewermen		426.00	
Telephone Operators		455.00	
			42,710.63
Improvement of Relief Home			223.00
Model Camp, Ingleside—			223.00
Carpenters		3,246.25	
Cement Workers		122.00	
Plumbers		1,026.00	
Painters		875.00	
Teamsters		253.50	
Wiremen		162.50	

ACCOUNTS AND PURPOSES.	Salaries.	Services, Wages, etc.	Miscellaneous, Material, etc.	Fees, Judgments.	Total.
1906-07 ACCOUNT.—Continued.					
Cartage			15.00		
Cement			157.50		
Chemicals			21.60		
Chimneys			414.90		
Dry Goods			51.75		
Electrical Supplies			57.47		
Hardware			421.04		
Glazing			3.00		
Gravel			11.00		
Lamps			41.25		
Lumber and Millwork			1,488.52		
Paint			177.02		
Paper			109.49		
Plans			400.00		
Plumbing			81.49		
Range			493.00		
Roofing			21.00		
Sewer Pipe			9.80		
Whitewashing			312.50		9,972.58
Juvenile Detention Home—					
Salaries of Officers	500.00				
Bread			20.63		
Drugs and Chemicals			80.70		
Dry Goods			345.69		
Electrical Supplies			18.92		
Fruits and Vegetables			29.70		
Groceries			524.30		
Hardware			24.03		
Laundry Service			102.50		
Meat			21.45		
Payment on Building			200.00		
Repairs to Building			185.65		
Rent of Building			200.00		
Removing Garbage			17.50		2,271.07

Jury Expenses, Criminal Cases—		
Trial Jurors, Department No. 11, Fees	368.00	
Trial Jurors, Department No. 12, Fees	692.00	1,060.00
Justices of the Peace—		
Metal Cases	665.00	665.00
Lighting Streets and Buildings—		
Lighting Streets with Gas	6,084.42	
Lighting Streets with Electricity	10,791.56	
Lighting Public Buildings with Gas	773.40	
Lighting Public Buildings with Electricity	1,098.22	
Trimming Arc Lamps	2.40	
Mayor—		18,750.00
Auto Repairs	95.55	
Auto Supplies	327.27	
Automobile	3,480.00	3,902.82
Maintenance of Minors—		
Preston School of Industry (State)	752.74	
Whittier State School	88.00	
Boys' and Girl's Aid Society	2,014.91	
Beulah Home	16.50	
Children's Agency	1,696.60	
California Girls Training Home	132.00	
Holy Cross Orphan Asylum	1,091.67	
Golden Gate Orphanage	91.35	
Maud Booth Home	1,174.75	
Magdalen Asylum	416.50	
Infant's Shelter	495.36	
Pajaro Valley	825.66	
Roman Catholic Orphan Asylum	4,378.70	
San Francisco Girl's Directory	2,068.00	
Sister Mary Caine Orphanage	5,163.20	
Sisters of Mercy	876.50	
San Francisco Protective and Relief Society	99.00	
San Francisco's Orphan Asylum	813.20	
St. Joseph's Orphan Asylum	44.00	
San Francisco Nursery for Homeless Children	11.00	
Salvation Army	162.05	
St. Vincent De Paul Society	2,993.17	
St. Vincent's Orphan Asylum		
		25,407.10

AUDITED DEMANDS, GENERAL FUND—MISCELLANEOUS ACCOUNT, FISCAL YEAR 1907-1908.—Continued.

ACCOUNTS AND PURPOSES.	Salaries	Services, Wages, etc.	Miscellaneous, Material, etc.	Fees, Judgments.	Total.
1906-07 ACCOUNT.—Continued.					
Police Department—					
Auto Hire			180.00		
Auto Repairs			68.85		
Boarding Horses			52.50		
Concrete Flooring			5,227.60		
Carriage Hire			30.00		
Drugs			66.71		
Dry Goods			166.38		
Electrical Supplies			272.84		
Forage			312.53		
Fuel			52.00		
Furniture			141.00		
Float Gangway, Police Boat			265.00		
Final Payment, Police Boat			2,049.00		
Glazing			14.40		
Groceries			323.22		
Harness			94.85		
Hardware			321.08		
Horseshoeing			257.71		
Laundry Service			14.50		
Lumber and Millwork			210.34		
Lamps			8.00		
Police Manuals			800.00		
Photographing Criminals			235.69		
Painting			113.36		
Plumbing			13.50		
Rent of Premises			200.00		
Typewriting Machine		1,425.50			
Carpenters		100.00			
Supervising Boat		125.00			
Veterinary Service			92.25		
Rent of Premises—					
County Clerk			265.00		
Department of Electricity			304.30		
District Attorney			125.00		
					13,233.81

Justices' Court	400.00		
Mayor	250.00		
Superior Court	808.32		
Sheriff	40.00		
Police Stations	185.00		
Treasurer	300.00		
Towle Building	787.32		3,164.94
Recorder—			
Folio Clerk	5.00		
Cartage	69.50		
Furniture	220.00		994.50
Typewriting Machines			
700.00			
Sheriff—			
Auto Hire	32.50		
Harness	238.89		
Horseshoeing	105.25		
Laundry	45.00		
Livery	90.00		
Veterinary Service	3.50		515.11
Superior Court—			
Furniture	439.85		
Printing	12.50		
Witness Fees		200.00	
652.35			
Supervisors—			
Appraisalment of Land	10.00		
Advertising	221.20		
Automobile Hire	1,600.00		
Auto Repairs and Supplies	1,539.39		
Compensation for Land Damaged	1,000.00		
Expense of H. Harron to Sacramento	28.50		
Flags	5.50		
Fines Imposed (Violation of Plumbing Law)	120.00		
Fines Imposed (Violation of Fish and Game Law)	285.00		
Furniture	1,155.25		
Incidentals	47.30		
Ice	26.30		

ACCOUNTS AND PURPOSES.	Salaries.	Services, Wages, etc.	Miscellaneous. Material, Etc.	Fees. Judgments.	Total.
1906-07 ACCOUNT.—Continued.					
Inspection of Typewriting Machines.....			267.45		
Light.....			5,348.29		
Law Books.....			678.50		
Livery.....			194.29		
Maps.....			265.25		
Music, Golden Gate Park.....			1,050.00		
Municipal Reports.....			1,987.50		
Printing Ordinances.....			1,023.00		
Painting.....			53.20		
Report on Titles.....			2,905.00		
Refund of Money Paid in Error.....			165.45		
Refund of Taxes Erroneously Collected.....			1,273.94		
Refund of Pound Fees.....			659.00		
Repairs to Adding Machine.....			3.95		
Services in re Free Market.....			942.75		
Stationery for various Departments.....			10,431.01		
Telegraph Service.....			33.92		
Expert Services.....	1,282.50				
Examining Books.....	720.00				
Compiling Ordinances.....	465.00				
Interpreters.....	10.00				
Tax Collector—					35,798.44
Extra Clerks.....					
Adding Machines.....			750.00		
Adding Machine Repairs.....			2.60		
Coin Trays.....			295.00		
Incidentals.....			93.55		
Livery.....			45.00		
Premium on Bonds.....			250.00		
Publishing Delinquent Tax List.....			2,792.91		
Sewer Pipe.....			720.75		
Safe.....			1,539.60		
Treasurer—					8,442.75
Extra Clerk.....					
Coin Trays.....	155.00				
			296.65		

1,694.80

327.80
160.00
50.65
310.99
333.80

Fittings
Furniture
Incidentals
Burglar Alarm
Transportation of Coin

Board of Public Works—

Consulting Engineers	800.00
Assistant Engineers	600.00
Constructing Engineer	310.00
Draughtsmen	3,231.00
Surveyors	825.00
Field Assistants	4,338.35
Clerks	166.65
Superintendent of Street Cleaning	40.00
Superintendent of Street Repairs	800.00
Storekeeper	500.00
Bridge Tenders	90.00
Bunkermen	200.00
Corporation Yard Keepers	1,571.00
Bricklayers	
Curbsetters	
Cribbers	
Carpenters	3,549.50
Cement Finishers	3,058.56
District Foremen	4,048.50
Dump Foremen	5,040.25
Drillers	382.50
Expert Tabulator	3,810.50
Flushers	1,449.00
Foremen	366.65
Hodcarriers	260.00
Hydrantmen	7,729.00
Inspectors	1,935.00
Laborers	1,092.00
Painters	523.35
Pump Tenders	29,891.61
Plumbers	2,161.25
Pavers	1,429.00
Powdermen	1,071.50
Rammers	18,532.75
Sign Writer	724.50
Sweepers, Class A	5,453.75
Sweepers, Class B	202.50
	240.00
	5,181.70

ACCOUNTS AND PURPOSES.	Salaries.	Services, Wages, etc.	Miscellaneous. Material, Etc.	Fees. Judgments.	Total.
1906-07 ACCOUNT.—Continued.					
Sweepers, Class C.....		45,944.50			
Sewer Cleaners		13,633.50			
Stonecutters		282.50			
Teamsters		5,291.02			
Timekeepers		1,277.50			
Watchmen		90.00			
Windlassmen		3,358.50			
Advertising			29.50		
Auto Hire			1,211.38		
Auto Supplies			113.30		
Blacksmithing			1,324.10		
Brick			988.27		
Block Books			90.00		
Cement and Lime			510.25		
Concrete Foundation, Ingleside			100.00		
Cartage			11.50		
Constructing Poles on Market Street			2,264.13		
Chemicals			15.22		
Dirt Cans			315.00		
Dry Goods			91.35		
Electrical Material			252.42		
Electric Power			471.54		
Fuel			797.55		
Furniture			1,078.32		
Glazing			1,109.85		
Gravel and Rock			2,420.25		
Horseshoeing			84.50		
Hose			335.16		
Hardware			8,677.41		
Installing Fixtures, Hall of Records			2,280.00		
Incidentals			1,094.13		
Janitorial Supplies			2,429.83		
Livery			7,604.50		
Lumber			10,150.72		
Machinery			1,495.33		
Mathematical Instruments			1,771.89		
Plans, Superior Court Building			499.00		
Plans, Geary Street Railroad			1,050.00		

Printing and Stationery.....	414.79
Paints.....	499.44
Plastering.....	385.00
Repairs to Bridges.....	1,621.06
Repairs to Trenches.....	2,982.28
Refund of Fees.....	68.00
Rent of Tug Boat.....	690.00
Repairs to Lamps.....	1.50
Repairs to Wagons.....	274.36
Removing Garbage.....	474.00
Rent of Motor.....	1,023.40
Rubber Goods.....	1,874.75
Signal Flags.....	10.75
Street Signs.....	200.00
Sewer Pipe.....	1,558.76
Subscriptions to Papers.....	1.75
Service of Fire Boat.....	275.00
Typewriting.....	2.75
Teaming.....	69,224.84
Tearing Down City and County Hospital.....	1,915.09
Tearing Down Almshouse.....	831.00
Tearing Down City Hall.....	20,167.00
Repairs and Repaving various Streets.....	49,651.39
Repairs and Repaving Golden Gate Avenue.....	7,496.99
Repairs and Repaving Market Street.....	5,240.47
Repairs and Repaving Webster Street.....	439.64
Repairs and Repaving Steiner Street.....	774.59
Repairs and Repaving Sixth Street.....	9,785.77
Repairs and Repaving H Street.....	5,192.77
Repairs and Repaving Fulton Street.....	11,737.92
Repairs and Repaving Point Lobos Avenue.....	585.75
Construction of Sewer, Hayes Street.....	2,081.88
Construction of Sewer, Kansas Street.....	986.60
Construction of Sewer, Thirtieth Avenue.....	495.00
Construction of Sewer, Sixth Avenue and Clement Street.....	370.15
Construction of Culvert, Sixth and Bryant Sts.....	69.69
Wagons.....	1,432.00
Water.....	1,534.00
Wiring Safety Stations.....	229.40
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Repairs to County Jails—	
Chimneys.....	135.00
Hardware.....	140.42
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	433,606.29

AUDITED DEMANDS, GENERAL FUND—MISCELLANEOUS ACCOUNT, FISCAL YEAR 1907-1908.—Continued.

ACCOUNTS AND PURPOSES.	Salaries.	Services, Wages, etc.	Miscellaneous Material, Etc.	Fees, Judgments.	Total.
1906-1907 Account—Continued.					
Glazing			69.40		
Fire Extinguisher			350.00		
Lumber			105.33		
Paints			30.14		
Roofing			60.00		
Carpenters		659.50			
Painters		373.30			
Plumbers		898.11			
Locksmith		6.50			
Wiremen		32.50			
Inspection of City Hall Dome—					
Carpenter		45.00			
Draughtsmen		859.15			
Painter		104.00			
Stenographer		87.95			
Hardware			62.16		
Photos			63.00		
Stationery			310.26		
					1,531.52
Auto Boulevard—					
Carpenters		938.75			
Painters		200.00			
Plumbers		97.82			
Erecting Tank			240.00		
Paint			139.11		
Lumber			791.62		
Water			156.15		
					2,563.45
School Department—					
Adding Machine			150.00		
Advertising			625.50		
Auto Hire			65.00		
Brick			111.50		

Brooms and Brushes	121.65
Books	144.01
Castings	191.85
Cement and Lime	46.00
Chimneys	4,041.30
Cleaning Debris	850.00
Clocks	483.71
Constructing of Additional Class Rooms	207.00
Constructing Arches	612.00
Cornice Work	1,061.15
Electrical Material	22.56
Fuel	4,887.50
Furniture	43,061.36
Gas Fixtures	68.80
Glazing	314.00
Groceries	117.15
Hardware	8,439.59
Heaters	50.65
Ice	5.00
Incidentals	613.05
Laboratory Supplies	308.70
Laundry Service	8.00
Light, Gas and Electricity	1,521.44
Livery	225.00
Lumber and Millwork	29,757.87
Moving Booths	50.00
Paints and Oils	1,573.50
Paper	580.20
Photo Supplies	114.80
Printing	24.40
Plumbing	1,780.43
Rent of Pianos	18.00
Repairs to Typewriting Machines	221.35
Roofing	1,208.38
Rubber Goods	105.00
Stationery	5,222.17
Sewer Pipe	278.44
Stoves	1,385.45
Subscription to Papers	25.50
Teaming	494.50
Typewriting Machine	133.30
Typewriting Supplies	25.50
Water	10,924.50
Superintendent of Repairs	175.00
Draughtsmen	520.85

AUDITED DEMANDS, GENERAL FUND—MISCELLANEOUS ACCOUNT, FISCAL YEAR 1907-1908.—Continued.

ACCOUNTS AND PURPOSES.	Salaries.	Services. Wages, etc.	Miscellaneous Material, Etc.	Fees, Judgments.	Total.
1906-1907 Account—Continued.					
Carpenters		1,410.25			
Helpers		304.50			
Plumbers		800.96			
Painters		125.00			
Plasterers		450.00			
Labor		550.50			
Watchman		15.00			
Total, 1906-07 Account.....					126,628.35
					\$871,814.04
Total, Miscellaneous Register.....	\$50,903.76	\$204,114.70	\$1,842,142.40	\$50,784.89	\$2,147,945.75

AUDITOR

AUDITED DEMANDS, GENERAL FUND, FISCAL YEAR ENDING JUNE 30, 1908. PUBLIC WORKS REGISTER.

PURPOSE	Salaries.	Labor, Wages, etc.	Supplies Material, etc.	Fees.	Total.
General Fund—Forwarded.	\$ 50,903.76	\$204,114.70	\$1,842,142.40	\$ 50,784.89	\$2,147,945.75
Board of Public Works—					
Commissioners	11,988.73				
Secretary	1,800.00				
Bookkeeper	3,000.00				
Head Janitor and Chief Assistants.....	5,220.00				
Janitors	27,062.50				
Caretaker of Fountains.....	462.00				
Clerks	21,388.35				
Inspectors of Streets.....	8,800.00				
Messenger	1,500.00				
Telephone Operators	1,160.00				
Light and Water Inspector.....	2,400.00				
Superintendent of Buildings.....	1,600.00				
Superintendent of Buildings, Assistant.....	1,500.00				
Head Carpenter	1,850.00				
Head Painter	1,650.00				
Superintendent of Street Cleaning.....	1,000.00				
Class 'A,' Sweepers	1,852.00				
Deputy	3,000.00				
Storekeeper	82.15				
Corporation Yard Keepers.....	3,322.00				
Bridge Tenders and Oilers.....	6,877.85				
Engineers on Bridges.....	9,847.00				
Watchmen	4,110.15				
Locksmith	450.00				
Timekeepers	1,250.00				
Stenographers	10,299.00				
City Engineer	4,999.91				
City Engineer Assistants	8,180.80				
Surveyors	5,384.30				
Draughtsmen	8,330.95				
Field Assistants	15,300.66				
Building Inspection—					
Inspectors	24,800.00				
					175,668.35
					24,800.00

AUDITOR

PURPOSE	Salaries	Labor, Wages, etc.	Supplies Material, etc.	Fees.	Total.
Rehabilitation, Public Works—					
Superintendent of Repairs.....		926.65			
Assistant Superintendent of Repairs.....		593.00			
Architect.....		3,005.52			
Draughtsmen.....		2,252.85			
Foremen.....		3,702.75			
Bricklayers.....		6,551.75			
Carpenters.....		40,098.48			
Cribbers.....		1,799.00			
Cement Workers.....		620.00			
Driller.....		64.50			
Gas Fitter.....		138.00			
Hydrantmen.....		1,464.00			
Hodcarriers.....		3,860.50			
Keepers, Corporation Yard.....		300.00			
Inspectors.....		993.50			
Laborers.....		21,110.10			
Curb Setters.....		477.45			
Pavers.....		5,131.50			
Rammers.....		2,527.00			
Roofer.....		416.85			
Stenographer.....		25.00			
Storekeeper.....		16.65			
Stonecutter.....		176.00			
Sewer Cleaners.....		9,921.75			
Structural Engineer.....		450.00			
Teamsters.....		1,965.29			
Timbermen.....		201.50			
Timekeepers.....		1,339.00			
Tinners.....		872.05			
Painters.....		14,316.50			
Painters (Sign Writer).....		115.00			
Plumbers.....		13,304.50			
Windlassmen.....		2,049.00			
Watchmen.....		306.00			
Automobile Hire.....			909.00		
Automobile Repairs.....			246.85		
Automobile Supplies.....			160.23		
					141,093.64

Blasting	109.00
Brick	90.00
Cartage	380.75
Castings	769.22
Chimney Work	96.75
Concrete Work and Material	113.05
Electrical Material	325.60
Electric Light	324.20
Erecting Poles	566.00
Excavating Chesterns	2,695.75
Furniture Moving	1,310.60
Furniture	926.38
Fuel	282.70
Glazing	1,206.80
Gravel	453.50
Hardware	6,322.14
House Moving	125.00
Incidentals	301.25
Installing Lights	48.60
Iron and Steel	123.18
Janitorial Supplies	1,709.56
Lamps and Repairs	12.00
Locksmithing	122.80
Lumber	12,847.92
Lime and Cement	602.25
Livery	6,896.50
Mathematical Instruments	613.80
Metal Work	35.00
Plastering	1,886.29
Paints and Oils	1,980.22
Plumbing	204.52
Razing City Hall, Larkin Street Wing	8,890.00
Razing Hall of Justice	9,975.00
Removing Garbage	122.50
Rent of Typewriter	5.00
Rubber Goods	211.32
Rock	687.10
Resetting Hydrants	675.00
Repairs to Bridges	2,854.00
Sewer Pipe	340.00
Sewer Construction, Main Street	1,802.60
Signal Flags	43.20
Stationery	448.69
Teaming	15,475.83
Ventilating City Prison	762.00

AUDITOR

PURPOSE	Salaries.	Labor, Wages, etc.	Supplies Material, etc.	Fees,	Total.
Water Repairs			31.50		
Wagon Repairs			568.28		
Wire			116.75		
Repairs and Repaving Octavia Street			65.50		
Buchanan Street			1,355.43		
Twenty-first and Folsom Streets			177.69		
Golden Gate Avenue			2,874.86		
Locust Avenue			1,162.49		93,442.14
Assessor—					
Furniture			22.00		
Repairs to Safe			150.00		
Plumbing Material			115.22		287.22
Architect—					
Stationery			159.17		
Furniture			310.00		
Typewriter Services			261.95		731.12
Auditor—					
Grillwork			111.75		111.75
City Attorney—					
Furniture			200.53		200.53
County Clerk—					
Filing Cabinets			1,925.80		
Moving Furniture			265.80		
Stationery			412.20		
Civil Service Commission—					
Furniture			128.00		2,603.80
					128.00

Department of Elections—			
Election Officers		37.28	
Painting		1,247.40	
Erecting Booths			8,022.68
Department of Electricity—			
Batterymen	180.00		
Cashier	125.00		305.00
Clerks		40.00	
Draughtsmen		45.00	
Electrical Workers		2,367.75	
Foremen		415.00	
Finishers		382.50	
Helpers		90.00	
Hostler		300.00	
Inspectors		976.65	
Instrument Makers		1,801.50	
Linenen		6,751.50	
Machinists		1,652.50	
Repairer		90.00	
Secretary		15.00	
Signal Dispatchers		375.00	
Stenographer		10.00	
Telegraph Operator		100.00	
Teamster		85.00	
Wiremen		1,506.20	
Blacksmithing		34.25	
Constructing Fire Alarm Station		14,248.00	
Electrical Supplies		3,038.72	
Harness		6.75	
Hardware		282.67	
Horseshoeing		10.00	
Horse Keeping		70.00	
Incidentals		56.10	
Livery		45.00	
Fuel		6.35	
Rent		126.65	
Lumber		602.94	
Rubber Goods		1.50	
Wiring City Hall		475.00	
			17,003.60
			19,003.93

AUDITOR

PURPOSE	Salaries	Labor, Wages, etc.	Supplies Material, etc.	Fees,	Total
District Attorney— Furniture			56.78		267.91
Moving Safe			211.13		
Justices' Court— Furniture			285.50		681.65
Safe and Cartage			396.15		
Law Library— Moving Furniture, etc			1,187.00		1,187.00
Police Court— Furniture			70.40		70.40
Recorder— Copyists, extra		1,488.50	4,750.59		6,649.09
Metal Cabinets			410.00		
Installing Heater					
Sheriff— Furniture and Cartage			290.00		290.00
Superior Court— Furniture			4,540.63		4,540.63
Supervisors— Furniture			1,321.31		1,536.76
Typewriting Machine			90.00		
Repairs to Auto			125.45		
Tax Collector— Safe and Furniture			185.75		260.75
Plumbing			75.00		

Treasurer—			
Furniture		525.00	
Repairs to Vault		363.50	888.50
Alms-house and Hospital—			
Labor			
Carpenters	557.00		
Painters	180.00		
Chimney (Patent)	90.00		
Cement		1,531.40	
Cordage		168.75	
Glazing		13.60	
Hardware		240.50	
Lumber		1,268.16	
Metal Work		2,640.56	
Oven		310.00	
Paints and Oils		1,468.00	
Plastering		253.04	
Plumbing		1,751.23	
Rubber Goods		18.10	
Roofing		6.60	
Teaming		350.00	
		26.00	
			10,045.94
Emergency Hospital—			
Ambulance		800.00	
Ambulance Repairs		141.50	
			941.50
Fire Department—			
Architects Service		412.00	
Automobile Supplies		8.43	
Brick Work		496.55	
Cisterns		2,116.04	
Construction of Fire Houses		16,301.00	
Concrete Flooring		1,322.06	
Cement and Lime		150.00	
Electrical Supplies		124.38	
Fuel		34.10	
Glazing		303.89	
Hardware		3,009.22	
Hydrants		1,677.50	
Lumber and Millwork		9,141.77	
Paints and Oils		1,479.79	
Purchase of Land, Carmel and Ashbury Sts.....		3,000.00	

PURPOSE	Salaries	Labor, Wages, etc.	Supplies Material, etc.	Fees	Total
Rubber Goods			183.06		
Stable Supplies			36.96		
Carpenters		2,966.50			
Plumbers		1,285.88			39,796.75
Tinners		227.00			
Police Department—					
Automobile Hire			56.05		
Automobile Repairs			1,513.42		
Automobile Supplies			1,184.40		
Cartage			3.50		
Chimneys			15.75		
Clocks			20.00		
Concrete Work			485.79		
Fuel			225.40		
Forage			7,988.38		
Glazing			61.20		
Gravel			292.50		
Groceries			145.93		
Hardware			1,612.54		
Harness			1,815.70		
Horses			750.00		
Horse Keeping and Boarding			2,318.40		
Horseshoeing			2,005.25		
Iron and Steel			457.80		
Lamps and Repairs			170.96		
Livery			3,156.00		
Lumber			2,199.66		
Lime and Cement			115.00		
Metal Furniture			1,465.50		
Motor Cycles			640.00		
Oil			67.16		
Paints and Oils			407.36		
Photo Supplies			223.00		

Plumbing Supplies	77.57
Roofing	109.00
Removing Garbage	292.50
Rubber Goods	162.22
Stationery	37.50
Tank	5.00
Typewriting Machine	121.50
Veterinary Service	39.00
Wagon Repairs	1,538.40
Water	10.00
Watches	85.00.
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Carpenter	85.00
Painter	20.00
Plumber	9.00
Labor	43.00
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	31,874.34

Special Sanitation—	
Automobile	3,050.00
Automobile Supplies	471.85
Automobile Services	422.10
Advertising	1,112.35
Alcohol	65.94
Animals	21.00
Badges	21.00
Bread	267.30
Brooms and Brushes	56.48
Bounty on Rats	12,476.00
Crockery and Glassware	23.10
Compensation for Clothing Destroyed	345.85
Drugs and Chemicals	13,034.64
Dry Goods	410.12
Electrical Supplies	38.64
Fuel	52.40
Furniture	469.25
Forage	74.78
Fruits and Vegetables	34.59
Glazing	4.25
Groceries	2,575.29
Hardware	8,271.41
Harness	12.65
Hose	44.80
Horse Keeping	100.00
Horseshoeing	70.00
House moving	866.00

	85.00
	20.00
	9.00
	43.00
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	157.00

	77.57
	109.00
	292.50
	162.22
	37.50
	5.00
	121.50
	39.00
	1,538.40
	10.00
	85.00.
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	31,874.34

PURPOSE.	Salaries	Labor, Wages, etc.	Supplies Material, etc.	Fees	Total
Ice			37.95		
Incidentals			42.69		
Laboratory Supplies			275.01		
Lime and Cement			2,026.56		
Livery			5,788.15		
Liquors			13.72		
Lumber			4,593.80		
Meat, Poultry and Fish			590.05		
Metal Work			163.25		
Milk			56.80		
Photo Material			15.80		
Paints and Oils			1,751.90		
Printing			101.05		
Rat Traps			3,588.75		
Relief Cottages			150.00		
Receiving Basket			52.00		
Removing Garbage			15.00		
Rent of Typewriter			69.50		
Roofing			12.20		
Rubber Goods			768.54		
Scales			22.00		
Stationery			1,812.36		
Stoves			46.00		
Teaming			478.00		
Tents			112.50		
Veterinary Service			24.50		
Wagon Hire			378.35.		
Chief Surgeon	546.70				
Bacteriologist and Helpers	3,359.80				
Clerks and Stenographers	961.50				
Chauffeur	298.00				
Commissary	825.00				
Chief Surgeon					67,378.22
Carpenter		25.00			
Chemist		153.00			
Cooks		246.00			
					5,991.00

Driver of Ambulance	326.70
Disinfectors	573.00
Foremen	931.00
Food Inspectors	73.30
Gardeners	60.70
Helpers	120.00
Internes	86.70
Industrial Inspector	980.00
Labors	42,021.20
Messenger	184.80
Morgue Tenders	843.00
Medical Inspectors	3,814.50
Nurses	2,016.75
Orderlies	97.55
Photographer	244.00
Plumbing Inspectors	1,145.60
Sewer Cleaners	865.00
Special Officer	216.00
Sanitary Inspectors	9,679.67
Timekeepers	75.40
Telephone Operators	532.00
Waiters	120.40

65,431.27

School Department—

Carpenters	5,872.04
Painters	448.25

6,320.29

Tinners	116.20
Flags	12.80
Furniture	6,097.75
Cartage	6.50
Chimney Work	305.00
Clocks	104.50
Hardware	714.11
Glazing	110.00
Lumber	6,861.64
Plumbing	425.71
Paints	218.87
Purchase of Land	499.00
Roofing	381.70
Sewer Pipe	38.25
Stationery and Books	91.03

15,983.06

PURPOSE.	Salaries.	Labor, Wages, etc.	Supplies Material, etc.	Fees	Total
Jails—					
Carpenter		123.50			
Painter		242.50			
Plumber		216.00			582.00
Chimney Work			201.45		
Electrical Material			58.01		
Furniture			306.00		
Glazing			33.90		
General Repairs			309.90		
Hardware			401.78		
Installing Heaters			518.00		
Lumber			579.64		
Paints and Oils			157.71		
Plumbing			189.84		
Plastering			440.65		
Range			250.00		
Total Rehabilitation, \$552,560.73					3,446.88
Special Tax Levy—					
Bricklayers		7,154.00			
Bunkermen		2,793.43			
Carpenters		6,812.25			
Cribbers		204.00			
Cement Finishers		620.00			
Curb Setters		1,598.55			
Corporation Yard Keepers		400.50			
Chauffeur		35.00			
District Foremen		5,476.75			
Foremen		8,986.75			
Hodcarriers		4,345.00			
Hydrantmen		1,429.50			
Inspector of Streets		4,763.40			
Janitors		168.00			
Laborers		73,059.42			
Favers		20,264.25			

275,439.75

Painters	455.00
Plumber	93.00
Powderman	150.00
Rammers	9,045.65
Sewer Cleaners	17,661.50
Superintendent of Repairs	786.65
Storekeepers	846.65
Stone Cutter	1,556.75
Street Sweepers, Class A	6,812.65
Street Sweepers, Class B	14,636.70
Street Sweepers, Class C	76,553.85
Teamsters	4,846.55
Telephone Operator	14.00
Timekeepers	2,096.50
Watchmen	634.50
Windlassmen	939.00

Ash Cans	630.00
Automobile Hire	265.50
Automobile Supplies	440.45
Automobile Repairs	44.40
Basalt Blocks	281.08
Blacksmithing	2,897.17
Block Books	36.00
Brick	564.00
Brooms and Brushes	149.48
Cartage	68.75
Castings and Forgings	4,970.74
Cement	760.49
Cordage	257.75
Concrete Sidewalk	41.70
Constructing Storm Sewers	7,742.01
Construction and Repairs to Sewers: Fifteenth Ave. and California Street	514.64
Nineteenth Ave. bet I and J Streets	97.50
Noe Street	50.00
Beale Street	1,733.35
Stevenson St., bet. Seventh and Eighth third Avenues	2,805.48
Construction, Pumping Stations	215.50
Electrical Material	1,473.80
Electric Power	334.39
Flags	470.95
Fuel	27.60
	423.70

AUDITED DEMANDS, GENERAL FUND, FISCAL YEAR ENDING JUNE 30, 1908. PUBLIC WORKS REGISTER.—Continued.

PURPOSE.	Salaries	Labor, Wages, etc.	Supplies Material, etc.	Fees	Total
Gravel			774.00		
Hardware			11,552.61		
Hose			2,326.35		
Horseshoeing			53.25		
Hydrant Repairs			45.00		
Incidentals			158.55		
Iron and Steel			148.76		
Janitorial Supplies			91.22		
Lamps and Repairs			259.10		
Lumber			12,865.67		
Livery			3,833.50		
Mathematical Instruments			114.20		
Oils			640.38		
Paints			1,059.96		
Powder			27.99		
Repairs to Bituminous Pavements			12,895.04		
Repaving and Repairs:					
Scott Street, Oak to Haight Street.....			1,906.09		
Scott Street, Oak to Page Street.....			1,307.78		
San Bruno Road.....			3,693.75		
Sanchez Street, Fourteenth to Duboce.....			18.20		
Steiner Street, Thirteenth to Waller.....			2,241.14		
Seventeenth Street, Guerrero to Channel.....			1,878.76		
Steiner and Sacramento Streets.....			32.94		
Seventh Street, Market to Mission.....			3,775.40		
Baker Street, Hayes to Fulton.....			1,167.78		
Euchanan Street, Fell to Eddy.....			4,226.56		
Bush Street, Broderick to Lyon.....			831.04		
California Street, Broderick to Lyon.....			3,205.68		
Clement Street and Seventh Avenue.....			70.97		
Devisadero Street and Seventh Avenue.....			4,282.99		
Devisadero Street, Fulton to Post Street.....			1,133.24		
Duboce Avenue, Fillmore to Steiner.....			343.76		
Dupont, California to Broadway.....			1,238.42		
Eddy Street, Laguna to Devisadero St.....			1,585.72		
Eighth Street, Market to Folsom.....			6,381.61		
Elm Avenue			265.61		

Fifteenth Street, Folsom to Shotwell.....	156.33
Fillmore Street	21,618.80
Filbert Street	568.29
Fulton Street, Broderick to Central Ave.....	5,093.66
Folsom, Sixteenth to Nineteenth St.....	3,110.08
Fourth Street, Howard to Freelon.....	58,069.77
Golden Gate Ave., Polk to Buchanan.....	10,083.78
Grove Street, Central Ave. to Lyon St.....	1,840.11
Hermann Street, Fillmore to Steiner.....	166.15
Howard, Seventeenth to Eighteenth Sts.....	6,571.38
Laguna Street, Hayes to Golden Gate Ave.....	576.43
Lyon Street, Pine to California.....	97.58
Lombard Street, Van Ness to Baker.....	503.92
Market Street, Second to Twelfth Sts.....	20,927.82
Mission Street, Twenty-sixth to Randall.....	4,626.86
Oak Street, Scott to Broderick.....	1,555.90
Pine Street, Broderick to Lyon.....	2,624.96
Pierce Street, Haight to Waller.....	65.06
Potrero Ave., Twenty-sixth to Mariposa.....	1,008.15
Railroad Avenue.....	473.75
Turk Street, Gough to Fillmore.....	4,284.28
Valencia Street, Fifteenth to Nineteenth.....	14,278.97
Van Ness Avenue, Oak to Bay.....	1,788.51
Waller Street, Steiner to Pierce.....	1,655.65
Webster and Post Sts.....	90.45
Water Front.....	944.31
Repairs to Bridges.....	7,378.32
Repairs to Engines.....	686.25
Rent of Motor.....	1,508.90
Rent of Safe Deposit Box.....	4.00
Roofing.....	112.00
Rubber Goods.....	1,136.35
Rock.....	77.00
Removing Garbage.....	20.95
Scale.....	56.45
Sewer Pipe.....	3,061.81
Stationery.....	64.85
Street Assessment.....	1.93
Teaming.....	130,337.87
Wagons.....	4,604.75
Wagon Repairs.....	2,006.14
Water.....	5,000.00

432,671.00

AUDITED DEMANDS, GENERAL FUND, FISCAL YEAR ENDING JUNE 30, 1908. PUBLIC WORKS REGISTER.—Continued.

PURPOSE.	Salaries.	Labor, Wages, etc.	Supplies Material, etc.	Fees	Total
Special Repairs to Cobbled Streets—					
Blacksmithing			96.74		
Basalt and Cobbles			3,650.42		
Rock			798.54		
Teaming			4,925.20		
Inspectors		1,120.00			
County Roads—					10,590.90
Teaming			341.00		
Lumber			116.94		457.94
Total Special Tax Levy	\$206,764.35	\$520,680.43	\$744,743.89		\$1,472,188.67

AUDITOR

FUNDS, ACCOUNTS AND PURPOSES.	Salaries.	Wages, Pensions, Etc.	Miscellaneous Running Expenses.	Fees Refunds.	Total.
Advertising— Publishing Ordinances, Resolutions and Proposals. Supervisors Public Works Civil Service Commission Fire Department Assessor			\$ 10,523.91 2,862.39 209.79 187.32 28.00		13,811.41
Advertising Redemption Fund— Tax Collector			1,434.20		1,434.20
Duplicate Tax Fund— Refund of Taxes Paid in Duplicate.....				5,289.95	5,289.95
House Moving Fund—Department of Electricity, 1906-07— Refund of Money on Special Deposit.....				295.00	295.00
House Moving Fund—Department of Electricity, 1907-08— Refund of Money on Special Deposit.....				496.30	496.30
House Moving Fund—Board of Public Works, 1906-07— Refund of Money on Special Deposit.....				40.00	40.00
House Moving Fund—Board of Public Works, 1907-08— Refund of Money on Special Deposit.....				1,640.00	1,640.00
Firemen's Relief and Pension Fund— Pensions for Retired Firemen Secretary's Salary	600.00	40,597.30			41,197.30

FUNDS, ACCOUNTS AND PURPOSES.	Salaries.	Wages, Pensions, Etc.	Miscellaneous Running Expenses.	Fees Refunds.	Total.
Library Fund, Free Public—					
Librarians	7,781.35				
Secretaries	3,596.20				
Cataloguers	2,262.55				
Curators	1,234.00				
Messengers	1,704.15				
Office Assistants	7,349.63				
Stenographers	604.70				
Substitutes	274.05				
Book Repairer	585.00				
Station Keeper	903.50				
Special Officer	300.00				
Architects Fees				904.36	26,395.13
Annual Dues			15.00		15.00
Books and Periodicals			12,875.15		12,875.15
Book Binding			2,751.96		2,751.96
Clocks			185.40		185.40
Catalogue Cards			494.11		494.11
Cartage			204.50		204.50
Construction of Buildings			33,771.10		33,771.10
Dry Goods			18.00		18.00
Electrical Supplies			284.72		284.72
Freight Charges			21.60		21.60
Flag			6.00		6.00
Fire Extinguishers			31.25		31.25
Fuel			233.45		233.45
Furniture			2,152.11		2,152.11
Gas Fixtures			463.05		463.05
Glass and Glazing			8.25		8.25
Hardware			56.83		56.83
Heaters			477.50		477.50
Incidental and Petty Expenses			635.20		635.20
Insurance			611.35		611.35
Janitorial Supplies			116.84		116.84
Livery			106.50		106.50

Mantels	72.35		
Metalwork, Construction	8,604.75		
Maps	15.50		
Painting	152.15		
Paper	25.55		
Photos	141.00		
Printing	755.59		
Plumbing	4.50		
Rent of Premises	1,411.50		
Repairs to Typewriters	22.50		
Rubber Goods	13.95		
Subscription to Papers	1,569.61		
Stationery	642.08		
Traveling Expenses, Librarian	585.35		
Water	146.65		
Park Fund—			
Superintendent of Parks.....	4,200.00		
Secretary	2,100.00		
Accountant	1,500.00		
Clerks	616.50		
Draftsmen	1,404.00		
Expert	200.00		
Apprentices		718.45	
•Assistants in Office		305.00	
Superintendent Children's Playground	1,800.00		
Employees Children's Playground	1,800.00		
Curator of Museum	1,200.00		
Taxidermist, Museum			2,960.95
Employees, Museum			2,997.50
Employees, Convenience Stations			1,116.00
Animal Keeper			1,520.00
Blacksmith			5,424.25
Carpenters			1,396.70
Cement Workers			231.00
Driller			4,779.05
Engineers			1,319.00
Firemen			27,043.40
Foremen			21,868.45
Gardners			1,000.25
Keeper of Tennis Court			600.00
Keeper of Beach Chalet			1,119.50
Keeper of Windmill			
Laborers			101,729.52

69,682.30

FUNDS, ACCOUNTS AND PURPOSES.	Salaries.	Wages, Pensions, Etc.	Miscellaneous Running Expenses.	Fees Refunds.	Total.
Machinist		515.50			
Painters		4,970.25			
Plumbers		889.00			
Stablemen		4,372.50			
Teamsters		15,814.75			
Tire Setters		92.75			
Roofer		110.00			
Attorneys' Fees					
Advertising			176.58		
Ammunition			485.21		500.00
Automobile Supplies					
Architects' Supplies			217.50		
Blacksmithing			169.50		
Boiler Repairs			103.36		
Boiler Compound			39.20		
Boiler Material			839.45		
Bread			483.79		
Cartage			340.23		
Cement and Lime			745.84		
Clock			3.00		
Confections and Soda			4,241.13		
Cordage			381.28		
Construction of Spur Track			879.44		
Construction of Convent Station			617.70		
Drugs and Chemicals			120.98		
Dry Goods			322.49		
Electrical Material			114.43		
Engrossing			35.00		
Forage			16,182.32		
Furniture			1,800.79		
Fuel			2,861.83		
Farming Implements			443.28		
Gas and Electricity			729.74		
Groceries and Provisions			4,786.67		
Glass and Glazing			126.86		
Glassware and Crockery			658.72		
Heater			181.35		
Hardware			5,971.07		

Harness	319.80
Horseshoeing	87.41
Horse Keeping	26.00
Hose	715.23
Insurance	476.50
Ice	332.92
Incidentals	874.24
Iron and Steel	912.23
Loan	681.50
Laundry	197.15
Lumber and Millwork	5,951.70
Maps	10.00
Machinery	181.82
Musical Concerts	6,274.35
Marble	1,100.18
Milk	1,538.70
Meats, Poultry, Etc.	284.43
Oils	7,542.10
Paints, Etc.	2,038.35
Painting	1,472.69
Plants and Seeds	2,003.78
Paper	55.26
Photos	29.10
Pottery	349.75
Plumbing	2,024.64
Printing	292.94
Roofing	132.15
Rubber Goods	680.27
Repairs to Museum	75.00
Rent of Filter	49.50
Repairs to Bridge	56.44
Repairs to Pump	70.00
Repairs to Wagons	87.40
Repairs to Boat House	56.99
Sails	256.50
Stable Supplies	254.01
Stationery	518.14
Sewer Pipe	629.07
Sidewalk Lights	1,125.00
Steel Lockers	1,054.00
Stenographic Work	27.50
Teaming	124.00
Taking Down Scott Key Monument	3,146.55
Tennis Nets	24.00
Towage	15.00

FUNDS, ACCOUNTS AND PURPOSES.	Salaries.	Wages, Pensions, Etc.	Miscellaneous Running Expenses.	Fees Refunds.	Total.
Wagon Material Veterinary Service Water Wire			110.67 72.00 10,602.95 1,646.32		322,885.04
Park Memorial Fund— Construction of Memorial Gate.....			5,000.00		5,000.00
Police Relief and Pension Fund— Salary of Secretary..... Medical Examination..... Meritorious Conduct..... Money Returned..... Pensions.....	600.00	70,478.19	300.00 3,206.30	420.00	75,004.49
Robinson Bequest Interest— Money Distributed by Mayor.....			4,100.00		4,100.00
Windel Bequest Interest Fund— Money Distributed by Mayor.....			958.61		958.61
Special Permit Fund, 1906-07 Account— Refund on Permits Issued—Street Space..... Refund on Permits Issued—Sidewalk Space..... Refund on Permits Issued—Sub-sidewalk Space.....				28,935.00 500.00 660.00	30,095.00
Special Permit Fund 1907-08 Account— Refund on Permits Issued—Street Space..... Refund on Permits Issued—Sidewalk Space..... Refund on Permits Issued—Sub-sidewalk Space.....				20,610.00 2,220.00 1,340.00	24,170.00

AUDITOR

Special Badge Fund— Refund on Special Permits.....				90.00	90.00
Teachers' Institute Fund— Books..... Subscription to Papers..... Refund.....			287.79 49.07	2.00	338.86
Tearing Up Streets Fund 1906-07 Account— Blacksmithing..... Hardware..... Livery..... Repairs to Side Sewers..... Kanner..... Refund on Permits Issued.....		15.30	50.95 34.50 45.00 2,580.10		14,525.99
Tearing Up Streets Fund 1907-08 Account— Refund on Permits Issued..... Inspector..... Foremen..... Side Sewermen..... Pavers..... Rammers..... Teamsters..... Blacksmithing..... Gravel..... Hardware..... Hose..... Livery..... Lumber..... Lanterns..... Oil..... Repairs to Streets..... Rubber Goods..... Sewer Pipe.....		63,000.00 1,230.05 1,273.25 5,336.55	301.00 27.85 386.33 17.05 548.00 59.35 294.04 65.10 10,369.99 49.40 353.59	33,494.82	
Unappropriated Fee Fund— Sheriff's Keepers..... Keeper's Mileage..... Cashier, Chimney Inspection..... Printing, Chimney Inspection.....		450.00	1,348.45	26,286.00	27,634.45
			27.50		477.50

AUDITED DEMANDS, SUNDRY FUNDS, FISCAL YEAR ENDING JUNE 30, 1908. SUNDRY REGISTER.—Continued.

FUNDS, ACCOUNTS AND PURPOSES.	Salaries.	Wages, Pensions, Etc.	Miscellaneous Running Expenses.	Fees Refunds.	Total
Yerba Buena School—					
Inspector		235.00			
Draughtsmen		175.00			
Stenographer		16.65			
Architects Supplies			10.76		
Blue Prints			60.36		
Typewriting			22.50		520.27
Hospital Bond Redemption Fund—			25,000.00		
Bonds Redeemed					
Sewer Bond Redemption Fund—			181,200.00		
Bonds Redeemed					
School Bond Redemption Fund—			89,800.00		
Bonds Redeemed					
Street Bond Redemption Fund—			42,500.00		
Bonds Redeemed					
Jail Bond Redemption Fund—			17,400.00		
Bonds Redeemed					
Library Bond Redemption Fund—			41,100.00		
Bonds Redeemed					
Playground Bond Redemption Fund—			18,500.00		
Bonds Redeemed					
Park Extension Bond Redemption Fund—			8,200.00		
Bonds Redeemed					

Mission Park Bond Redemption Fund— Bonds Redeemed	7,300.00	431,000.00
Hospital Bond Interest Account— Coupons Redeemed	6,562.50	
Sewer Bond Interest Account— Coupons Redeemed	9,513.00	
School Bond Interest Account— Coupons Redeemed	29,858.50	
Street Bond Interest Account— Coupons Redeemed	22,233.75	
Jail Bond Interest Account— Coupons Redeemed	8,221.50	
Library Bond Interest Account— Coupons Redeemed	22,345.75	
Playground Bond Interest Account— Coupons Redeemed	24,246.25	
Park Extension Interest Account— Coupons Redeemed	10,762.50	
Park Extension Interest Account— Satisfaction of Judgment	4,792.50	
Mission Park Bond Interest Account— Coupons Redeemed	9,581.25	148,117.50
Public Building Sewer Bond Fund— Civil Engineers		6,513.50

FUNDS, ACCOUNTS AND PURPOSES.

	Salaries.	Wages, Etc. Pensions, Etc.	Miscellaneous Running Expenses.	Fees Refunds.	Total.
Surveyors	3,630.00				
Field Assistants	6,820.00				
Draughtsmen	1,810.00				
Stenographer	280.00				
Inspectors	3,995.00				
Foremen	1,581.00				
Timekeeper	440.50				
Chemist	1,925.00				
Bricklayers		343.85			
Cribbers		7,331.15			
Hodcarriers		47.50			
Timbermen		2,963.15			
Signwriter		10.00			
Ammunition					
Blue Prints				21.55	
Books				37.24	
Brick				25.36	
Cement				225.00	
Construction of Pumping Station				235.95	
				1,321.00	
Construction and Repairs to Sewers—					
Seventh, Market to Howard Street					
Drumm Street				32,052.40	
Fourth, Howard to Channel Street				15,867.03	
Sixth Street				4,127.34	
Stewart Street				24,819.62	
Fremont Street				7,627.77	
Market Street, Piling				1,470.83	
First Street				10,361.70	
Baker Street				2,192.96	
Electrical Material				2,797.00	
Hardware				232.94	
Iron Pipe				54.64	
Lumber				1,698.40	
Oakum				593.01	
Rent of Motor				874.27	
				16.50	
				80.15	

AUDITOR

Rubber Goods	58.20	
Sewer Pipe	3,451.54	
Stonework	11.85	
Teaming	575.30	
Water	307.70	148,827.84

Public Building Street Bond Fund—

Civil Engineer	1,050.00
Draughtsmen	3,135.40
Stenographer	61.35
Surveyors	2,285.00
Field Assistants	3,170.00
Inspectors	6,782.50
Assistant Chemist	1,375.00

Books	31.70
Chemicals	17.52
Livery	45.00
Machinery	147.35
Resetting Hydrants	472.50

Paving and Repairing—

Larkin Street, Hayes to McAllister	5,699.40
Mission, Sixth to Ninth	24,353.41
Mission, Twentieth to Army	37,861.10
Valencia and Nineteenth Streets	3,378.79
Harrison Street	47,648.97
Bartlett Alley	1,399.26
Ellis, Stockton to Larkin	31,663.65
Market, East to Second Streets	66,553.53
Sutter Street	9,618.24
Drumm Street	506.30

247,265.97

Public Building Hospital Bond Fund—

Inspector	35.00
Draughtsmen	1,106.75
Books	6.34
Automobile Hire	25.32

1,173.41

Public Building Mission Park Bond Fund—

Books	6.34
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6.34

FUNDS, ACCOUNTS AND PURPOSES.	Salaries.	Wages, Pensions, Etc.	Miscellaneous Running Expenses.	Fees Refunds.	Total.
Public Building Jail Bond Fund—					
Appraisalment			115.00		
Abstract			480.00		
Books			6.34		
Purchase of Land, Washington and Dunbar Alley			110,312.50		
Satisfaction of Judgment, Purchase of Land			31,487.00		
Jurors Fees			186.00		142,586.84
Public Building Library Bond Fund—					
Books			19.02		
Appraisalment			20.00		
Judgment, Land Purchase			9,531.60		9,570.62
Public Building Playground Bond Fund—					
Appraisalment			165.00		
Insurance			472.50		
Purchase of Land, part of 50 Vara Bik. No. 152			243,500.00		
Purchase of Land, part of 100 Vara Bik. No. 397			46,165.81		290,303.31
Public Building School Bond Fund—					
Architects Fees			1,952.50		
Inspectors			2,505.89		
Draughtsmen			393.35		
Stenographer			125.00		
Time-keeper			2,544.39		
Architects Plans			125.00		
Abstracts			10.00		
Appraisements			228.19		
Auto Hire			23.36		
Books					
Construction and Repair to			20,000.00		
Laguna Honda School			15,100.00		
Sunnyside Primary School			4,679.00		
Berkshire and Lippard School			12,844.55		
Golden Gate School					

Bergerot School				42,183.75	
Oceanside School				45,628.00	
Payview School				3,458.14	
Whittier School				20.68	
Washington Grammar School				5,207.94	
Monroe School				1,125.00	
Glen Park School				42,500.00	
Winfield Scott School				6,225.00	
Moving Winfield Scott School				1,675.00	
Moving Golden Gate School				1,125.00	
Mathematical Instruments				372.02	
Livery				277.50	
Stationery				135.09	
Typewriter Supplies				104.55	
Purchase of Land, Mission Block No. 72				33,625.00	
				258,819.22	
Telegraph Hill Bond and Interest Account—					
Tax Refund (Invalidated Supreme Court Decision)				3,319.21	
Total Sundry Funds	\$98,507.37	\$399,952.51	\$1,817,329.81	\$156,377.95	\$2,472,167.64

PURPOSE.	Salaries.	Wages, Compensation, Etc.	Material, Supplies, etc.	Fees and Judgments.	Total.
Superintendent of Schools—					
Deputies	\$ 3,999.96				
Board of Directors—	10,747.00				
Secretary	12,000.00				
Secretary Assistants	1,800.00				
Clerk, High School Board	3,925.00				
Messengers	600.00				
Stenographers	2,245.00				
Storekeeper	2,932.65				
Storekeeper Assistants	1,800.00				
Scavenger	2,000.00				
Teamster	2,281.00				
Superintendent of Repairs	2,662.00				
Foremen	2,505.00				
Telephone Operator	1,380.00				
	720.00				
Carpenters		19,164.50			
Assistant Foremen		630.00			
Laborers		7,071.00			
Locksmith		1,522.50			
Painters		5,068.75			
Plumbers		3,751.00			
Tinners		2,526.00			
Helpers		7,402.50			
Advertising			1,476.71		
Apparatus			2,761.82		
Automobile Hire			400.00		
Books			2,868.61		
Blackboards			457.95		
Brickwork			157.00		
Carriage			1,287.00		
Carfare and Incidentals			987.12		
Chimney Work			394.20		
Clocks and Repairs			457.25		
Dry Goods			247.00		
Dictionaries and Directories			142.50		
Groceries and Cooking Supplies			1,464.41		
					51,597.61
					47,136.25

Gas Fixtures	1,244.57
Glass and Glazing	2,029.18
Grading and Loan	499.40
Engrossing Diplomas	684.10
Expense of A. Roncovieri	53.50
Flags	228.30
Furniture	17,007.57
Fuel	9,577.83
Hardware	8,906.49
Hose	250.41
House Moving	110.00
Instruments	1,432.23
Installing Circuit	92.84
Ice	60.60
Insurance	394.95
Janitorial Supplies	2,421.06
Light, Gas and Electricity	4,563.86
Livery	3,019.60
Lumber	15,935.77
Lectures	350.00
Manuel Training	1,539.40
Maps, Charts and Globes	2,369.80
Models	547.00
Notarial Service	8.75
Paints and Oils	2,321.76
Painting Signs	95.75
Piano Tuning, Rents, Etc	259.00
Postage	534.00
Printing	3,866.47
Plastering	127.75
Plumbing Supplies	670.73
Rent of Premises	7,805.10
Rat Traps, Etc	172.07
Roofing	1,172.35
Rehabilitation of Records	150.00
Rubber Stamps	136.80
Refund, Rent on Post Street	362.30
School Sites, Purchase of	6,100.00
Sewer Construction	574.40
Sewer Pipe	273.09
Subscription to Papers	173.75
Sewing Machines, Etc	99.50
Stationery	6,695.76
Stoves and Equipments	421.93
Telephone and Telegraph Service	62.97

AUDITED DEMANDS, SCHOOL FUND, FISCAL YEAR ENDING JUNE 30, 1908, COMMON SCHOOL FUND.—Continued.

PURPOSE.	Salaries.	Wages, Compensation, Etc.	Material, Supplies, etc.	Fees and Judgments.	Total.
Tool Repairs			125.21		
Typewriters and Repairs			1,823.09		
Trunks			33.00		
Towel Service			60.00		
Vaccine Points, Etc.			162.10		
Water			12,595.60		
Teachers' Annuity Fund.....			3,000.00		
Compensation to Teachers, Primary and Grammar—					
Adams		14,851.85			
Aggasiz		18,298.60			
Bayview		3,449.10			
Bergerot		11,455.15			
Bernal		19,134.55			
Bryant		12,126.50			
Buena Vista		14,437.95			
Burnett		15,095.15			
Clement		2,718.35			
Columbia		22,351.75			
Cooper		5,636.85			
Crocker		21,982.05			
Denman		7,342.70			
Douglass		10,877.15			
Dudley Stone		16,614.45			
Edison		10,669.75			
Emerson		18,394.10			
Everett		21,269.05			
Fairmount		17,910.15			
Franklin		12,553.85			
Fremont		17,678.20			
Garfield		13,680.25			
Golden Gate		8,878.95			
Grant		8,470.45			
Haight		13,572.00			
Hamilton		17,154.45			
Hancock		13,322.00			
Harrison		3,277.75			
Hawthorne		10,605.25			
					136,303.26

Hearst	26,383.50
Henry Durant	12,233.55
Horace Mann	20,991.35
Holly Park	4,668.80
Hunter's Point	1,440.00
Irving	5,311.05
Irving M. Scott	20,636.45
Jackson	6,591.30
James Lick	13,669.60
Jean Parker	11,880.55
Jefferson	5,318.20
John Swett	13,241.55
Lafayette	9,914.35
Lakeview	1,593.75
Laguna Honda	10,437.20
Lincoln	7,784.50
Madison	7,889.30
Marshall	10,233.10
McKinley	11,053.05
Mission	13,545.65
Monroe	18,248.15
Moulder	9,746.65
Noe Valley	15,530.75
Ocean House	1,260.00
Oceanside (Balboa)	5,184.75
Pacific Heights	19,745.45
Park	10,222.60
Peabody	9,779.85
Redding	7,025.70
Richmond	20,249.15
Sheridan	11,265.80
Sherman	13,085.55
South End	11,594.70
Spring Valley	11,724.60
Star King	7,803.00
Sunnyside (Glen Park)	10,498.50
Sunnyside Annex	4,083.55
Sutro	17,962.60
Sunset	1,703.90
Visitation	4,976.80
Washington	10,124.40
West End	3,969.65
Whittier (Grattan)	6,954.85
Winfield Scott	8,150.65

839,516.75

PURPOSE.	Salaries.	Wages, Compensation, Etc.	Material Supplies, etc.	Fees and Judgments.	Total.
Evening Schools—					
Hamilton		10,546.75			
Horace Mann		10,288.45			
Lincoln		9,905.50			
Richmond		3,128.35			
Washington		7,798.20			
Irving M. Scott		323.35			41,990.60
Miscellaneous—					
Deaf and Dumb.....		1,977.00			
Oriental		5,373.30			
Department at Large		26,378.25			
Parental		1,587.30			35,315.85
High Schools—					
Commercial		29,377.65			
Girls High		30,537.50			
Lowell		36,383.35			
Mission		27,062.75			
Polytechnic		25,235.65			
Humboldt Evening		11,643.80			
Commercial Evening		6,640.05			166,880.75
Substitute Teachers		18,644.40			18,644.40
Janitors		57,986.85			57,986.85
Teacher's Salaries Payable out of Special Levy		99,717.50			99,717.50
Teacher's Back Salaries Payable out of Funds of 1906-07.....		23,222.50			23,222.50

Judgments Rendered, Reeves vs. Board of Education				1,400.00	
Judgments Rendered, Fowler vs. Board of Education				5,000.00	6,400.00
Census Marshals		7,352.00			7,352.00
Total School Fund	\$51,507.61	\$1,337,763.45	\$136,303.26	6,400.00	\$1,532,064.32

ITEMIZED STATEMENT OF TOTAL EXPENDITURES OF ALL
DEPARTMENTS.

	Amount.	Total.
Almshouse—		
Alcohol.....	\$ 60.80	
Ambulance Driver.....	320.00	
Attendants.....	1,338.00	
Baker.....	450.00	
Blacksmithing.....	279.60	
Brick, Lime and Cement.....	168.75	
Brooms and Brushes.....	41.67	
Cleaning Wells.....	65.00	
Clerk.....	65.00	
Commissary.....	500.00	
Cooks.....	1,885.65	
Cordage.....	13.60	
Drugs.....	288.44	
Dry Goods.....	1,971.44	
Engineers.....	590.00	
Farmer.....	600.00	
Fire Protection.....	702.50	
Fish and Meat.....	8,585.84	
Forage.....	1,974.14	
Fruits and Vegetables.....	434.50	
Fuel.....	4,026.90	
Furniture.....	193.92	
Gasoline.....	4.10	
Glazing.....	240.50	
Groceries.....	17,249.32	
Hardware.....	1,436.18	
Harness.....	219.00	
Horseshoeing.....	287.50	
Ice.....	184.80	
Kitchen Utensils.....	36.04	
Labor.....	407.00	
Lamps and Repairs.....	13.80	
Laundryman.....	450.00	
Lumber.....	3,172.77	
Machinery and Repairs.....	35.42	
Matron.....	320.00	
Mechanics.....	475.00	
Medical Supplies.....	37.93	
Metal Work.....	310.00	
Milk.....	2,496.80	
Nurses.....	1,284.00	
Oil.....	1,574.37	
Oven.....	1,468.00	
Paints.....	196.39	
Patent Chimneys.....	1,531.40	
Physician.....	625.00	
Plastering.....	1,878.31	
Plumbing.....	18.10	
Pump.....	60.00	
Removing Garbage.....	140.00	
Repairs to Boiler.....	219.65	
Roofing.....	320.00	
Rubber Goods.....	194.15	
Seamstress.....	150.00	
Shoemaker.....	250.00	
Shoes.....	270.64	
Stationery.....	53.73	
Subscription to Papers.....	19.75	
Superintendent.....	766.65	
Surgical Instruments.....	59.88	
Tailor.....	375.00	
Teaming.....	26.00	
Teamsters.....	900.00	
Tearing Down Building.....	831.00	
Veterinary Service.....	115.00	

ITEMIZED STATEMENT OF TOTAL EXPENDITURES OF ALL DEPARTMENTS.—Continued.

	Amount.	Total.
Waitress.....	250.00	
Wines and Liquors.....	1,596.82	67,105.25
Assessor—		
Advertising.....	232.40	
Assessor's Salary.....	8,000.00	
Cashier.....	1,800.00	
Clerks.....	21,600.00	
Deputies.....	16,800.00	
Electrical Material.....	49.22	
Extra Clerks.....	45,931.35	
Furniture.....	43.00	
Ice.....	2.60	
Incidentals.....	11.00	
Livery.....	1,004.00	
Magnifying Glasses.....	22.80	
Maps.....	80.97	
Plumbing.....	66.00	
Postage.....	200.00	
Repairs to Safe.....	150.00	
Rent.....	2,750.00	
Stationery.....	3,186.89	
Subscription to Papers.....	20.25	101,950.48
Auditor—		
Assessment Roll Services.....	8,819.25	
Attorney.....	1,800.00	
Auditor.....	4,000.00	
Clerks.....	7,200.00	
Deputies.....	5,400.00	
Expert on Assessment Roll.....	1,300.00	
Furniture.....	100.25	
Grillwork.....	111.75	
Ice.....	4.60	
Incidentals.....	4.82	
Law Books.....	22.50	
License Blanks, Tags, Etc.....	2,126.06	
Livery.....	327.00	
Photo Engraving for Annual Report.....	7.50	
Repairs to Adding Machine.....	21.15	
Stationery.....	405.83	
Stenographer.....	1,200.00	
Subscription to Papers.....	21.55	
Surplus.....	1,875.00	
Typewriting Machine.....	130.50	34,877.76
Board of Health—		
Advertising.....	459.25	
Ambulance Service.....	63.00	
Auto Supplies.....	10.00	
Back Salaries, 1902.....	5,194.65	
Bacteriologist.....	2,300.00	
Badges.....	3.50	
Burial of Indigent Dead.....	5,102.50	
Chemist and Helper.....	3,801.35	
City Physician.....	3,000.00	
Clerks.....	5,612.00	
Dairy Inspectors.....	2,400.00	
Disinfectants.....	201.00	
Disinfectors.....	1,800.00	
Disinfectant Inspector.....	900.00	
Drugs.....	1,383.56	
Dry Goods.....	224.50	
Electrical Supplies.....	55.35	
Engrossing.....	15.00	
Expense of President to Washington.....	499.00	
Factory Inspector.....	900.00	

ITEMIZED STATEMENT OF TOTAL EXPENDITURES OF ALL
DEPARTMENTS.—Continued.

	Amount.	Total.
Food Inspectors.....	2,500.00	
Fuel.....	129.45	
Furniture.....	545.95	
Groceries.....	38.81	
Hardware.....	1,769.37	
Head Boards for Indigent Dead.....	331.50	
Health Officer.....	3,000.00	
Horse Hire.....	4,930.70	
Horsekeeping.....	45.00	
Horseshoeing.....	5.50	
Ice.....	25.10	
Incidentals.....	221.10	
Industrial Inspector.....	300.00	
Iron Material.....	42.00	
Laboratory Supplies.....	531.77	
Lamps and Repairs.....	38.94	
Laundry Service.....	118.50	
Market Inspectors.....	5,800.00	
Medical Supplies.....	50.05	
Messenger.....	1,380.00	
Paints.....	19.40	
Plumbing.....	9.75	
Plumbing Inspectors.....	7,686.05	
Press Clippings.....	12.50	
Refund of Money Advanced.....	19.90	
Repairs to Adding Machine.....	2.05	
Repairs to Typewriter, Etc.....	19.00	
Rubber Goods.....	145.61	
Sanitary Inspectors.....	7,500.00	
Secretary.....	135.00	
Sign Painting.....	10.00	
Stable Inspectors.....	500.00	
Stationery.....	1,970.82	
Stenographer.....	1,412.35	
Subscription to Papers.....	20.25	
Surgical Instruments.....	236.33	
Telephone Operator.....	600.00	
Toxicologist.....	1,199.99	
Transportation.....	351.50	
Typewriting Machine.....	90.00	
Typewriting Supplies.....	113.50	
		77,782.40
Board of Public Works—		
Abstracts.....	605.00	
Advertising.....	7,670.99	
Ammunition.....	21.53	
Appraisements.....	50.00	
Ash Cans.....	945.00	
Architect.....	20,629.88	
Assistant Chemist.....	1,000.00	
Assistant Engineers.....	16,494.30	
Assistant Night Watchman.....	174.00	
Assistant Superintendent of Buildings.....	2,095.00	
Automobile Hire.....	2,537.39	
Automobile Repairs.....	316.25	
Automobile Supplies.....	688.98	
Badges.....	18.00	
Bags.....	257.75	
Basalt Blocks.....	3,647.42	
Blacksmithing.....	5,013.16	
Blasting.....	80.00	
Block Books.....	120.00	
Blue Prints.....	97.60	
Bookkeeper.....	3,000.00	
Books.....	120.46	
Brass Material.....	6.00	

ITEMIZED STATEMENT OF TOTAL EXPENDITURES OF ALL DEPARTMENTS.—Continued.

	Amount.	Total.
Bricklayers.....	17,599.10	
Brick, Lime and Cement.....	4,017.75	
Bridge Tenders.....	6,967.85	
Brooms and Brushes.....	149.48	
Bunkerman.....	3,093.43	
Caretaker of Fountains.....	462.00	
Carpenters.....	54,902.73	
Castings.....	6,038.24	
Cement Work.....	754.00	
Cement Workers.....	868.50	
Chauffeur.....	35.00	
Chemists.....	2,300.00	
Chimney Inspection.....	477.50	
Chimneys.....	96.75	
City Engineer.....	4,999.91	
Clerks.....	21,555.00	
Commissioners.....	11,988.73	
Concrete Work.....	257.75	
Construction of Culverts.....	285.19	
Construction of Curbs.....	8,944.64	
Construction of Pumping Station.....	2,794.80	
Construction of Sewers.....	109,750.25	
Construction of Sidewalks.....	415.68	
Corporation Yard Keepers.....	5,593.50	
Cribbers.....	13,382.65	
Curb Setters.....	5,116.11	
Deputy.....	3,000.00	
Draughtsmen.....	23,112.20	
Drayage.....	826.40	
Drillers.....	1,918.50	
Drugs and Chemicals.....	32.34	
Dry Goods.....	91.35	
Electrical Supplies.....	1,774.03	
Electric Power.....	995.19	
Engineers of Bridges.....	9,847.00	
Erecting Poles for Parade.....	2,253.03	
Excavating Cisterns.....	1,675.75	
Expert Testimony.....	20.00	
Field Assistants.....	29,909.01	
Flushers.....	260.00	
Foremen.....	34,425.25	
Fuel.....	712.75	
Furniture.....	3,736.22	
Gas Fitter.....	138.00	
Glazing.....	1,316.65	
Grading Streets.....	18,016.44	
Gravel.....	3,653.60	
Hardware and Plumbing.....	28,670.90	
Hod Carriers.....	10,388.00	
Horseshoeing.....	138.05	
Hose.....	2,603.05	
Housemoving.....	125.00	
Hydrantmen.....	3,985.50	
Hydrants.....	405.00	
Incidentals.....	1,347.33	
Inspectors of Buildings.....	30,461.85	
Installing Fixtures, Hall of Records.....	1,960.00	
Installing Light and Heat.....	778.60	
Iron and Steel.....	1,135.96	
Iron Pipe.....	86.90	
Iron Work.....	100.64	
Janitorial Supplies.....	4,230.61	
Janitors.....	27,230.50	
Janitors (Chief).....	5,220.00	
Laborers.....	125,248.63	
Lamps and Repairs.....	597.94	

ITEMIZED STATEMENT OF TOTAL EXPENDITURES OF ALL DEPARTMENTS.—Continued.

	Amount.	Total.
Light and Water Inspector.....	2,400.00	
Light Posts on Market Street.....	577.10	
Livery.....	19,295.30	
Locksmith.....	450.00	
Locksmithing.....	122.80	
Lumber.....	37,935.00	
Machinery and Repairs.....	809.55	
Mathematical Instruments.....	1,965.14	
Messenger.....	1,500.00	
Metalwork.....	107.59	
Oakum.....	16.50	
Oil.....	896.68	
Painters.....	18,886.75	
Painting Signs.....	97.20	
Paints.....	3,989.19	
Pavers.....	45,158.55	
Photographs.....	63.00	
Piling Market Street.....	10,361.70	
Plans.....	3,514.39	
Plastering.....	2,230.64	
Plumbers and Helpers.....	14,931.32	
Powder.....	27.99	
Powderman.....	883.50	
Printing and Stationery.....	2,826.09	
Pump Tenders.....	1,429.00	
Rammers.....	18,314.95	
Refund of Deposits.....	103,965.81	
Refund of Fees.....	68.00	
Removing Garbage.....	617.45	
Rents.....	1,835.32	
Rent of Motor.....	2,612.45	
Rent of Safe Deposit Box.....	4.00	
Rent of Tugboat.....	690.00	
Rent of Typewriter.....	5.00	
Repairs to Bridges.....	11,853.37	
Repairs to Cisterns.....	1,020.00	
Repairs to Engine.....	24.05	
Repairs to Instruments.....	114.20	
Repairs to Safety Stations.....	109.40	
Repairs and Repaving Streets.....	511,021.98	
Repairs to Sidesewers.....	7,576.52	
Repairs to Sweeping Machine.....	274.36	
Repairs to Vehicles.....	1,350.92	
Repairs to Trenches.....	9,951.23	
Resetting Hydrants.....	787.50	
Rock.....	1,530.64	
Roofing.....	453.85	
Rubber Goods.....	2,750.10	
Rubber Stamps.....	1.50	
Scales.....	56.45	
Secretary.....	1,800.00	
Services of Fire Boat.....	275.00	
Sewer Cleaners.....	41,216.75	
Sewer Inspectors.....	3,840.00	
Sewer Pipe.....	8,339.43	
Side Sewermen.....	63,000.00	
Signwriter.....	240.00	
Signal Flags.....	77.05	
Stenographers.....	11,286.60	
Stone Cutters.....	2,015.25	
Stonework.....	11.85	
Storekeeper.....	1,445.45	
Street Inspectors.....	21,150.33	
Street Signs.....	200.00	
Street Sweepers.....	151,261.40	
Structural Engineer.....	450.00	
Subscription to Papers.....	1.75	

ITEMIZED STATEMENT OF TOTAL EXPENDITURES OF ALL DEPARTMENTS.—Continued.

	Amount.	Total.
Superintendent of Buildings.....	2,326.65	
Superintendent of Repairs.....	1,786.65	
Superintendent of Street Cleaning.....	1,000.00	
Supplies, Corporation Yard.....	281.08	
Surveyors.....	13,127.30	
Tabulator.....	366.65	
Tank for Auto Boulevard.....	240.00	
Team and Teamsters.....	249,723.75	
Telephone Operator.....	1,174.00	
Timbermen.....	3,164.65	
Timekeepers.....	6,528.50	
Tinners.....	872.05	
Transportation, City Engineer.....	108.05	
Typewriters.....	228.65	
Typewriting.....	85.25	
Typewriting Supplies.....	44.55	
Wagons.....	6,034.75	
Watchmen.....	2,231.50	
Watchmen on Bridges.....	2,755.15	
Water.....	7,531.35	
Windlassmen.....	5,644.50	
Wire.....	116.75	
Wiring Safety Station.....	120.00	
Wrecking City Hall, East Wing.....	29,057.00	
Wrecking Hall of Justice.....	9,975.00	
		2,229,462.11
City and County Hospital—		
Alcohol.....	250.54	
Ambulance Driver.....	968.00	
Bakers.....	485.00	
Beds and Bedding.....	967.50	
Bread.....	969.64	
Brooms and Brushes.....	117.43	
Butcher.....	580.00	
Carpenters.....	180.00	
Cartage.....	112.00	
Chimneys.....	40.00	
Clerks.....	2,510.00	
Commissary.....	666.70	
Cooks.....	3,308.35	
Crockery and Glassware.....	46.99	
Diplomas.....	8.00	
Druggists.....	1,942.35	
Drugs.....	5,141.06	
Dry Goods.....	8,271.44	
Electrical Supplies.....	27.01	
Engineer.....	420.00	
Fire Apparatus.....	24.00	
Forage.....	535.53	
Fruits and Vegetables.....	2,509.03	
Fuel.....	6,116.77	
Fumigator.....	3.35	
Furniture.....	1,307.40	
Groceries.....	19,282.31	
Hardware.....	3,145.95	
Harness.....	43.45	
Heaters.....	220.25	
Helpers.....	1,696.45	
Horse Clipping.....	9.00	
Horsekeeping.....	112.50	
Horseshoeing.....	187.00	
Hostler.....	235.00	
Housekeeper.....	660.00	
Ice.....	546.70	
Incidentals.....	67.36	
Instructors.....	482.50	
Internes.....	610.75	

ITEMIZED STATEMENT OF TOTAL EXPENDITURES OF ALL DEPARTMENTS.—Continued.

	Amount.	Total.
Laborers.....	921.65	
Lamps.....	12.92	
Laundryman.....	1,646.55	
Laundry Supplies.....	6.25	
Lumber and Millwork.....	44.24	
Matron.....	187.00	
Meat, Fish, Etc.....	7,795.98	
Mechanics.....	694.45	
Medical Supplies.....	454.26	
Messenger.....	100.00	
Milk.....	6,706.20	
Miscellaneous Supplies.....	6,643.19	
Morgue Tenders.....	195.70	
Night Assistants.....	142.00	
Nurses.....	2,939.50	
Orderlies.....	1,686.50	
Painter.....	167.70	
Paints.....	395.73	
Pantryman.....	645.10	
Physician.....	75.00	
Plumber.....	180.00	
Powder.....	11.17	
Pupil Nurses.....	4,662.90	
Rat Catcher.....	8.00	
Removing Garbage.....	56.00	
Repairs to Sewer.....	150.00	
Repairs to Vehicles.....	256.10	
Roofing.....	30.00	
Rubber Goods.....	820.74	
Sewing Machine.....	63.00	
Sheet Lead.....	289.84	
Shoes.....	88.92	
Stationery.....	583.21	
Stenographer.....	162.50	
Steward.....	95.00	
Surgical Dresser.....	900.00	
Surgical Instruments.....	561.59	
Tearing Down Hospital.....	2,725.61	
Transportation.....	7.50	
Veterinary Service.....	2.50	
Wagon.....	50.00	
Waiters.....	1,940.00	
Warden.....	2,280.00	
Ward Tenders.....	1,355.35	
Warehouseman.....	300.00	
Watchman.....	2,114.85	
Wines and Liquors.....	565.52	
X-ray Operator.....	81.25	
City Attorney—		116,608.78
Abstracts.....	30.00	
Assistant City Attorneys.....	17,513.35	
Cabinet.....	95.03	
City Attorney.....	4,999.92	
Clerks.....	2,700.00	
Consulting Engineer.....	3,660.50	
Dictionary.....	16.00	
Expert Testimony.....	1,022.95	
Furniture.....	920.26	
Insurance.....	95.48	
Law Books.....	1,126.60	
Legal Services at Sacramento.....	309.08	
Livery.....	205.50	
Maps.....	254.87	
Messenger.....	900.00	
Municipal Reports.....	100.00	
Press Clippings.....	58.00	
Printing Briefs and Transcripts.....	252.00	

ITEMIZED STATEMENT OF TOTAL EXPENDITURES OF ALL DEPARTMENTS.—Continued.

	Amount.	Total.
Rent.....	625.00	
Rent of Typewriter.....	29.25	
Stationery.....	180.26	
Stenographer.....	2,512.95	
Subscription to Papers.....	13.90	
Telegrams.....	12.69	
Transportation.....	204.10	
Typewriter.....	104.50	
		37,942.19
Civil Service—		
Advertising.....	657.09	
Clerk.....	1,500.00	
Commissioners.....	3,600.00	
Examiner.....	2,320.00	
Extra Clerk.....	100.00	
Furniture.....	172.15	
Hardware.....	2.93	
Rent.....	590.00	
Stationery.....	691.29	
Stenographer.....	533.35	
Typewriter.....	90.00	
		10,256.81
Coroner—		
Auto Hire.....	40.00	
Auto Repairs.....	3.50	
Auto Supplies.....	21.70	
Autopsy Surgeon.....	2,400.00	
Coroner.....	4,000.00	
Deputies.....	6,900.00	
Drayage.....	5.00	
Drugs.....	7.75	
Dry Goods.....	97.00	
Forage.....	717.13	
Fuel.....	28.60	
Furniture.....	27.00	
Groceries.....	36.20	
Hardware.....	101.18	
Harness.....	205.50	
Heaters.....	25.10	
Horse Clipping.....	2.50	
Horses.....	500.00	
Horseshoeing.....	192.00	
Hostler.....	1,080.00	
Incidentals.....	69.05	
Lamps and Repairs.....	32.21	
Law Books.....	17.50	
Laundry.....	122.38	
Locksmithing.....	44.85	
Lumber and Millwork.....	1,416.45	
Matron.....	720.00	
Metal Boxes.....	22.25	
Morgue Tender and Messenger.....	2,700.00	
Paint.....	5.23	
Photographing Unknown Dead.....	172.00	
Recovery of Bodies from S. F. Bay.....	512.50	
Removing Garbage.....	84.00	
Rent.....	688.00	
Repairs to Building.....	409.52	
Repairs to Vehicles.....	194.80	
Rubber Goods.....	75.00	
Stable Supplies.....	26.38	
Stationery.....	224.95	
Stenographer.....	1,800.00	
Subscription to Papers.....	20.50	
Surgical Instruments.....	25.05	
Telephone Service.....	4.20	
Veterinary Service.....	37.00	
		25,813.98

ITEMIZED STATEMENT OF TOTAL EXPENDITURES OF ALL
DEPARTMENTS.—Continued.

	Amount.	Total.
County Clerk—		
Cartage and Expressage.....	20.00	
Cashier.....	1,800.00	
Chief Register Clerk.....	2,400.00	
Copy Holders.....	180.00	
Copyists.....	31,200.00	
County Clerk.....	3,999.96	
Court Room Clerks.....	18,000.00	
Fees Refunded.....	4.00	
Filing Cases.....	3,025.80	
Furniture.....	532.25	
Ice.....	5.20	
Jury Fees.....	22,120.00	
Law Books.....	42.10	
Livery.....	225.00	
Messenger.....	1,200.00	
Moving Furniture.....	265.80	
Office Clerks.....	7,200.00	
Police Court Clerks.....	6,000.00	
Printing Transcripts on Appeal.....	3,847.30	
Register Clerks.....	23,937.50	
Rent.....	4,201.00	
Stationery.....	2,584.51	
Transportation.....	40.00	
		132,830.42
District Attorney—		
Assistant District Attorney.....	24,575.00	
Automobile.....	2,750.00	
Auto Hire.....	189.00	
Auto Repairs.....	1,184.23	
Auto Supplies.....	2,579.93	
Bookkeeper.....	1,200.00	
Clerks.....	3,000.00	
District Attorney.....	4,999.92	
Expert Testimony.....	581.00	
Filing Briefs.....	61.00	
Furniture.....	538.98	
Incidentals.....	66.50	
Law Books.....	892.55	
Messenger.....	1,437.50	
Moving Sale.....	211.13	
Notary Fees.....	116.50	
Printing Transcripts on Appeal.....	132.20	
Rent.....	625.00	
Rubber Goods.....	1.00	
Serving Subpoenas.....	142.15	
Spring Water.....	14.50	
Stationery.....	555.38	
Stenographer.....	862.50	
Telephone Service.....	7.25	
Transcribing.....	73.25	
Warrant and Bond Clerk and Assistants.....	9,000.00	
		55,796.47
Department of Elections—		
Advertising.....	2,211.71	
Auto Hire.....	683.72	
Ballot Boxes.....	469.20	
Ballot Paper.....	1,284.05	
Bookbinding.....	40.00	
Caretaker of Voting Machines.....	250.00	
Carpenter.....	999.00	
Cartage.....	227.50	
Commissioners.....	4,999.50	
Covering Booths.....	592.75	
Deputies.....	14,810.00	
Directories.....	18.00	
Election Booths.....	12,116.00	
Election Officers.....	30,346.00	

ITEMIZED STATEMENT OF TOTAL EXPENDITURES OF ALL DEPARTMENTS.—Continued.

	Amount.	Total.
Electrical Supplies.....	134.00	
Erecting Booths.....	8,201.97	
Expressage.....	339.00	
Extra Deputies.....	26,126.88	
Filing Cases.....	425.00	
Flags.....	29.80	
Freight.....	56.85	
Furnishing Booths.....	3,057.80	
Furniture.....	370.93	
Glass.....	6.50	
Hardware.....	173.75	
Installing Electric Light.....	307.52	
Labor.....	133.50	
Livery.....	926.50	
Locksmithing.....	90.00	
Lumber and Millwork.....	786.51	
Maps.....	568.00	
Moving Booths.....	35.50	
Painters.....	95.00	
Paper Roofing.....	414.00	
Plumber.....	135.00	
Postage.....	1,590.00	
Printing and Stationery.....	5,039.97	
Printing Ballots.....	388.75	
Printing Great Register.....	8,176.77	
Registrar.....	2,400.00	
Removing Garbage.....	16.05	
Rent.....	30.00	
Rent of Polling Places.....	2,357.50	
Rubber Stamps.....	506.75	
Safe.....	110.00	
Special Deputies.....	824.00	
Stenographer.....	1,200.00	
Storekeeper.....	1,200.00	
Water.....	21.00	
		135,322.27
Department of Electricity—		
Auto Supplies.....	166.75	
Batterymen.....	981.00	
Belting.....	17.43	
Blacksmithing.....	130.95	
Blue Prints.....	6.00	
Brick, Lime and Cement.....	92.87	
Carpenters.....	98.50	
Cashier.....	481.65	
Castings and Forgings.....	140.70	
Chief Clerk.....	25.00	
Clerks.....	3,055.00	
Concrete Work.....	201.46	
Construction Fire Alarm Station.....	14,248.00	
Draughtsmen.....	375.00	
Drugs.....	16.72	
Dry Goods.....	4.87	
Electrical Engineer.....	1,525.00	
Electrical Supplies.....	8259.81	
Electrical Workers.....	2,392.75	
Electrician.....	2,400.00	
Engineer.....	125.00	
Finisher.....	922.50	
Fire Alarm Box.....	85.00	
Foremen of Construction.....	8,006.00	
Fuel.....	116.50	
Furniture.....	115.00	
Groceries.....	252.69	
Hardware.....	1,659.66	
Harness.....	53.25	
Helpers.....	770.00	
Horsehire.....	1,041.35	

ITEMIZED STATEMENT OF TOTAL EXPENDITURES OF ALL
DEPARTMENTS.—Continued.

	Amount.	Total.
Horsekeeping.....	360.00	
Horseshoeing.....	139.00	
Hostler.....	750.00	
Incidentals.....	98.50	
Inspectors.....	7,733.25	
Instrument Makers.....	5,580.40	
Labor.....	393.75	
Lamps and Repairs.....	495.88	
Laundry Service.....	65.50	
Linemen.....	10,422.75	
Lumber.....	1,096.01	
Machinists.....	3,569.00	
Oils.....	14.25	
Operators.....	7,463.35	
Paints.....	183.79	
Paper.....	20.48	
Refund of Deposits for Housemoving.....	791.30	
Removing Garbage.....	11.00	
Rents.....	3,383.55	
Repairers.....	1,059.00	
Repairs to Vehicles.....	406.30	
Rubber Goods.....	54.61	
Secretary.....	315.00	
Signal Dispatchers.....	965.00	
Stationery.....	464.68	
Stenographer.....	1,616.65	
Teamster.....	85.00	
Telephone Operator.....	100.00	
Tools.....	39.79	
Wire.....	1,237.88	
Wiring City Hall.....	475.00	
Wiremen.....	3,960.90	
Emergency Hospital—		101,117.93
Alcohol.....	60.08	
Ambulances.....	800.00	
Assistant Stewards.....	8,888.75	
Assistant Surgeons.....	9,578.55	
Attendants.....	300.00	
Auto Repairs.....	30.75	
Auto Supplies.....	61.76	
Bread.....	133.72	
Chief Surgeon.....	2,400.00	
Drivers.....	7,679.80	
Drugs.....	1,158.67	
Dry Goods.....	885.48	
Electrical Supplies.....	1,004.28	
Forage.....	878.55	
Furniture.....	242.48	
Glazing.....	9.75	
Groceries.....	1,409.77	
Handcuffs.....	6.75	
Hardware.....	172.17	
Harness.....	222.35	
Horsekeeping.....	470.00	
Horses.....	500.00	
Horseshoeing.....	753.50	
Hose.....	5.00	
Ice.....	90.40	
Incidentals.....	40.00	
Laboratory Supplies.....	37.15	
Laundry.....	2,071.78	
Lumber.....	2,792.29	
Meat.....	314.90	
Medical Supplies.....	273.09	
Nurses.....	5,754.00	
Paint.....	10.61	

ITEMIZED STATEMENT OF TOTAL EXPENDITURES OF ALL DEPARTMENTS.—Continued.

	Amount.	Total.
Painting.....	40.00	
Paper.....	8.00	
Plumbing.....	13.50	
Removing Garbage.....	100.00	
Rent of Typewriter.....	4.50	
Rents.....	1,160.00	
Repairs to Buildings.....	271.54	
Repairs to Vehicles.....	873.20	
Rubber Goods.....	177.01	
Stationery.....	156.52	
Steward.....	1,500.00	
Surgical Instruments.....	781.17	
Veterinary Services.....	89.50	
Wines and Liquors.....	184.97	
		54,396.29
Fire Department—		
Advertising.....	454.72	
Apparatus.....	30,616.81	
Architects Services.....	412.00	
Automobile.....	3,050.00	
Auto Hire.....	8.43	
Auto Repairs.....	405.80	
Auto Supplies.....	395.07	
Badges.....	723.70	
Bags.....	72.50	
Batallion Chiefs.....	25,196.00	
Blacksmith.....	8,593.65	
Blacksmithing.....	108.00	
Boilermaker.....	1,129.95	
Brass Material.....	3,057.24	
Brickwork.....	496.55	
Carpenter.....	3,398.00	
Castings and Forgings.....	27.13	
Cement Worker.....	359.25	
Chief Engineer and Assistants.....	9,399.96	
Chimneys.....	10.80	
Clerk.....	1,366.95	
Commissioners.....	4,673.35	
Concrete Work.....	2,042.06	
Constructing Engine Houses.....	16,301.00	
Constructing Manure Pit.....	2,698.59	
Cordage.....	365.95	
Distillate.....	788.92	
Draughtsman.....	95.15	
Drugs.....	1,030.63	
Dry Goods.....	119.08	
Electrical Supplies.....	419.29	
Engine House Dryer.....	200.00	
Fire Cisterns.....	2,116.04	
Fire Extinguishers.....	210.00	
Firemen.....	626,305.95	
Forage.....	46,006.24	
Fuel.....	14,406.85	
Furniture.....	2,501.11	
Gas Engine.....	313.45	
Gas Tank.....	3.00	
Glazing.....	303.89	
Gravel.....	123.50	
Groceries.....	1,416.86	
Hardware.....	12,205.35	
Harness.....	1,950.66	
Harness Makers.....	3,571.65	
Heaters.....	796.60	
Helpers.....	4,080.00	
Horses.....	11,885.00	
Horseshoeing.....	9,605.50	
Hose.....	19,496.59	
Hydrantmen.....	1,065.00	

ITEMIZED STATEMENT OF TOTAL EXPENDITURES OF ALL
DEPARTMENTS.—Continued.

	Amount.	Total.
Hydrants and Repairs.....	7,801.32	
Iron and Steel.....	1,080.71	
Iron Beds.....	558.00	
Laborers.....	84.50	
Ladders.....	137.00	
Lamps and Repairs.....	1,289.45	
Leather, Etc.....	490.42	
Life Net.....	80.00	
Lime and Cement.....	263.74	
Lumber and Millwork.....	9,887.18	
Machinery and Repairs.....	1,674.47	
Machinists.....	4,123.40	
Metal Polish.....	192.96	
Metalwork.....	25.00	
Oil.....	1,431.06	
Oil Cans.....	207.00	
Packing.....	33.41	
Painters.....	3,583.00	
Painting.....	60.30	
Paints.....	3,228.13	
Pattern Makers.....	1,320.50	
Pension of ex-Firemen.....	40,597.30	
Pipe.....	8.92	
Pipe Covering.....	90.05	
Plumbers.....	1,285.50	
Plumbing Supplies.....	631.84	
Power Furnished.....	177.66	
Purchase of Land.....	8,000.00	
Relief of Exempt Firemen.....	5,000.00	
Removing Garbage.....	3,885.00	
Rents.....	4,055.00	
Repairs to Feed Boxes.....	143.92	
Repairs to Sewer.....	6.90	
Repairs to Stable.....	225.00	
Repairs to Vehicles.....	245.96	
Resetting Hydrants.....	7,590.35	
Rubber Goods.....	3,061.30	
Safe Deposit Boxes.....	120.00	
Sanitary Spray.....	32.00	
Scales and Repairs.....	113.00	
Secretary.....	2,400.00	
Secretary, Firemen's Relief Fund.....	600.00	
Sewer Pipe.....	6.50	
Springs.....	325.85	
Stable Employees.....	9,315.00	
Stable Supplies.....	1,894.33	
Stationery.....	934.44	
Steam Fitter.....	836.70	
Substitutes.....	4,224.20	
Theatre Detail.....	461.30	
Tinners.....	409.00	
Tools and Repairs.....	203.75	
Tubing.....	418.19	
Wagon Material.....	602.22	
Watchman.....	862.50	
Wire.....	169.36	
Wiremen.....	60.00	
Wiring Fire Houses.....	438.54	
Woodworkers.....	2,387.25	
Grand Jury—		1,015,750.15
Expert.....	500.00	
Fees of Jurors.....	4,322.00	
Incidentals.....	404.85	
Rents.....	414.50	
Stenographer.....	5,268.50	
Witness Expenses.....	165.60	
		11,075.45

ITEMIZED STATEMENT OF TOTAL EXPENDITURES OF ALL DEPARTMENTS.—Continued.

	Amount.	Total.
Hospital Service for Care of Indigents—		
California Women's Hospital.....	114.10	
Children's Hospital.....	1,673.19	
Hahnemann Hospital.....	4,097.43	
Lane Hospital.....	12,542.55	
Mt. Zion Hospital.....	1,412.57	
San Francisco Relief and Red Cross Society..	53,798.35	
St. Joseph's Hospital.....	638.94	
St. Luke's Hospital.....	750.30	
University of California Hospital.....	14,503.79	
U. S. A. Hospital.....	11,415.36	
		100,946.53
Jails—		
Appraiser.....	115.00	
Blacksmithing.....	58.15	
Bread.....	2,196.21	
Carpenters.....	668.00	
Cartage.....	16.00	
Chimneys.....	379.65	
Drugs.....	703.94	
Dry Goods.....	2,721.64	
Electrical Supplies.....	58.01	
Fire Extinguishers.....	350.00	
Forage.....	1,105.81	
Fruits and Vegetables.....	1,156.54	
Fuel.....	2,090.35	
Furniture.....	318.30	
Glazing.....	103.30	
Groceries.....	9,566.31	
Handcuffs.....	238.00	
Hardware.....	2,146.68	
Harness.....	246.90	
Heaters.....	460.00	
Horse Hire.....	172.50	
Horseshoeing.....	186.00	
Ice.....	147.55	
Installing Furnace.....	518.00	
Lamps and Repairs.....	14.76	
Lime and Cement.....	10.50	
Locksmithing.....	6.50	
Lumber.....	1,030.27	
Meat and Fish.....	5,540.36	
Milk.....	946.98	
Oil.....	160.55	
Paint.....	217.07	
Painters.....	616.00	
Plastering.....	440.65	
Plumber.....	696.00	
Plumbing.....	418.11	
Purchase of Land.....	141,799.50	
Range.....	250.00	
Repairs.....	309.90	
Repairs to Vehicles.....	97.50	
Roofing.....	66.00	
Shoes.....	1,081.48	
Stenographer.....	13.15	
Veterinary Services.....	29.50	
Wines and Liquors.....	176.87	
Wire.....	302.77	
Wiremen.....	32.50	
		179,979.76
Justices' Court—		
Clerk.....	3,000.00	
Deputies.....	4,500.00	
Fees Refunded.....	3.00	
Furniture.....	285.50	
Justices.....	18,000.00	
Messenger.....	900.00	

ITEMIZED STATEMENT OF TOTAL EXPENDITURES OF ALL
DEPARTMENTS.—Continued.

	Amount.	Total.
Metal Cases.....	1,330.00	
Rent.....	3,025.00	
Safe and Cartage.....	396.15	
Stationery.....	252.81	
Typewriter.....	90.00	
		31,782.46
Juvenile Court—		
Bread.....	93.10	
Drugs.....	118.05	
Dry Goods.....	472.36	
Electrical Supplies.....	18.92	
Fruit and Vegetables.....	129.18	
Fuel.....	142.25	
Furniture.....	84.90	
Glazing.....	8.60	
Groceries.....	1,455.57	
Hardware.....	71.97	
Ice.....	98.35	
Incidentals and Traveling Exps. Probation Officers.....	1,867.24	
Labor.....	185.65	
Lamps.....	9.36	
Laundry.....	247.10	
Meat.....	180.30	
Milk.....	110.00	
Payments on Building.....	900.00	
Removing Garbage.....	25.50	
Rent.....	300.00	
Salaries.....	1,300.00	
Stationery.....	45.51	
Typewriter.....	90.00	
		7,953.91
Law Library—		
Furniture.....	1,025.60	
Librarian.....	2,400.00	
Messenger.....	1,080.00	
Moving Furniture.....	195.00	
Stationery.....	127.26	
		4,827.86
Maintenance of Minors, etc.—		
Beulah Salvation Army Home.....	127.50	
Boys and Girls Aid Society.....	8,258.04	
California Girls Training Home.....	132.00	
Children's Agency.....	3,273.49	
Children's Orphanage.....	40.00	
Criminal Insane.....	932.50	
Feeble Minded Home.....	22,210.00	
Florence Crittenden Home.....	77.00	
Golden Gate Orphanage.....	91.35	
Holy Cross Orphanage.....	2,677.84	
Infants' Shelter.....	1,270.49	
Magdalen Asylum.....	9,275.50	
Maud Booth Home.....	3,710.00	
McKinley Orphanage.....	33.00	
Mt. St. Joseph.....	4,084.80	
Pajaro Valley Orphan Asylum.....	2,580.06	
Preston School of Industry.....	11,734.80	
Roman Catholic Orphan Asylum.....	7,733.38	
San Francisco Children's Orphanage.....	90.00	
San Francisco Girls Directory.....	5,915.50	
San Francisco Ladies' P. & R. Society.....	318.40	
San Francisco Nursery for Homeless Children	394.00	
Sister Mary Caine.....	8,387.80	
Sisters of Mercy.....	3,290.20	
St. Vincent De Paul Society.....	181.05	
St. Vincent's Asylum.....	11,892.51	
Whittier State School.....	687.85	
		109,399.06

ITEMIZED STATEMENT OF TOTAL EXPENDITURES OF ALL DEPARTMENTS.—Continued.

	Amount.	Total.
Mayor—		
Advertising.....	77.70	
Automobile.....	3,480.00	
Auto Hire.....	717.50	
Auto Repairs.....	785.12	
Auto Supplies.....	1,345.49	
Chauffeur.....	1,216.67	
Contingent Expenses.....	3,600.00	
Furniture.....	637.95	
Law Books.....	47.50	
Mayor.....	5,866.94	
Rent.....	500.00	
Robinson Bequest Fund: Distributed by Mayor	4,100.00	
Secretary.....	2,400.00	
Stationery.....	41.77	
Stenographer.....	1,030.00	
Usher.....	837.50	
Windel Bequest Fund: Distributed by Mayor...	958.61	
		27,642.75
Model Camp—Ingleside—		
Brick, Lime and Cement.....	157.50	
Carpenters.....	3,246.25	
Cartage.....	15.00	
Cement Workers.....	122.00	
Chimneys.....	414.90	
Drugs and Chemicals.....	21.60	
Dry Goods.....	51.75	
Electrical Supplies.....	57.47	
Glazing.....	3.00	
Gravel.....	11.00	
Hardware.....	411.25	
Iron Pipe.....	9.79	
Lamps.....	41.25	
Lumber and Millwork.....	1,488.52	
Paint.....	177.02	
Painters.....	875.00	
Paper.....	109.49	
Plans and Specifications.....	400.00	
Plumbers.....	1,026.00	
Plumbing Supplies.....	81.49	
Range.....	493.00	
Repairs to Building.....	223.00	
Roofing.....	21.00	
Sewer Pipe.....	9.80	
Teaming.....	253.50	
Whitewashing.....	312.50	
Wiremen.....	162.50	
		10,195.53
Municipal Supply—		
Alcohol.....	149.01	
Blacksmithing.....	14.15	
Bread.....	1,414.49	
Carpenter.....	404.25	
Cement Finisher.....	51.25	
Clerk.....	200.00	
Clothing.....	131.82	
Commissary.....	350.00	
Driver.....	350.00	
Drugs.....	688.15	
Dry Goods.....	1,372.52	
Expressage.....	26.00	
Forage.....	2,138.93	
Fruits.....	736.61	
Fuel.....	2,008.39	

ITEMIZED STATEMENT OF TOTAL EXPENDITURES OF ALL
DEPARTMENTS.—Continued.

	Amount.	Total.
Furniture.....	25.00	
Gravel.....	5.50	
Groceries.....	7,219.10	
Hardware.....	1,665.14	
Harness.....	488.65	
Horsekeeping.....	7.35	
Horses.....	398.00	
Horseshoeing.....	57.30	
Hose.....	20.00	
Ice.....	187.40	
Inspector.....	250.00	
Lamps.....	12.78	
Livery.....	248.00	
Lumber.....	236.09	
Meat, Poultry and Fish.....	4,280.10	
Messenger.....	200.00	
Milk.....	393.58	
Paint.....	37.00	
Painter.....	120.00	
Removing Garbage.....	308.00	
Rent of Filter.....	12.00	
Repairs to Boiler.....	265.00	
Repairs to Vehicles.....	329.30	
Repairs to X-Ray.....	5.50	
Rubber Goods.....	119.22	
Sewer Pipe.....	17.66	
Sewing Machine.....	40.00	
Shoes.....	143.28	
Stoves.....	239.70	
Surgical Instruments.....	612.24	
Veterinary Service.....	14.00	
Wagon.....	337.50	
Wines and Liquors.....	316.70	
Wiremen.....	7.50	
		28,654.16
Park Fund—	322,885.04	
		*322,885.04
Playgrounds—		
Appraisement.....	125.00	
Insurance.....	472.50	
Purchase of Land.....	289,665.81	
		290,263.31
Police Department—		
Automobile.....	4,500.00	
Auto Hire.....	968.90	
Auto Repairs.....	2,310.90	
Auto Supplies.....	1,762.75	
Blacksmithing.....	1,727.40	
Bread.....	490.44	
Brick, Lime and Cement.....	207.98	
Brooms and Brushes.....	88.18	
Captains.....	19,350.59	
Carpenters.....	1,510.50	
Cartage.....	3.50	
Chief.....	3,755.03	
Chimneys.....	8.00	
Clerk.....	2,376.00	
Clock.....	20.00	
Commissioners.....	4,800.00	
Concrete Work.....	5,713.39	
Contingent Expenses.....	7,999.92	
Contributions of Officers.....	18,268.00	
Cook.....	1,080.00	
Corporals.....	25,182.14	
Detective Sergeants.....	43,610.68	

*For itemized statement, see pages 73-76.

ITEMIZED STATEMENT OF TOTAL EXPENDITURES OF ALL DEPARTMENTS.—Continued.

	Amount.	Total.
Drivers.....	30,196.67	
Drugs.....	66.71	
Dry Goods.....	1,025.63	
Electrical Supplies.....	445.26	
Expenses of Eastern Detectives.....	2,495.00	
Feed Bins.....	848.87	
Fines.....	1,921.00	
Forage.....	13,298.34	
Fruits and Vegetables.....	76.27	
Fuel.....	1,197.10	
Furniture.....	1,637.87	
Glazing.....	75.60	
Gravel.....	292.50	
Groceries.....	1,651.78	
Hardware.....	2,373.86	
Harness.....	2,515.66	
Horseshoeing.....	3,272.75	
Horsekeeping.....	3,537.20	
Horses.....	4,900.00	
Hose.....	35.70	
Hostlers.....	2,032.67	
Ice.....	49.40	
Incidentals.....	51.90	
Ironwork.....	308.40	
Labor.....	43.00	
Lamps and Repairs.....	301.96	
Laundry.....	223.65	
Law Books.....	126.18	
Lieutenants.....	22,724.00	
Livery.....	8,474.00	
Lumber.....	2,412.10	
Machinery.....	149.40	
Matron.....	1,824.00	
Meat.....	733.44	
Medical Examinations.....	420.00	
Medical Supplies.....	67.83	
Metal Cases.....	800.00	
Money Returned to Heir of Deceased Officers.....	1,406.00	
Motor Cycles.....	640.00	
Officers.....	770,631.62	
Oil.....	67.16	
Painter.....	20.00	
Painting.....	18.00	
Paints.....	502.72	
Paper.....	24.08	
Pensions and Secretary.....	72,878.49	
Photographing Criminals.....	1,143.60	
Plumber.....	22.50	
Plumbing Supplies.....	69.00	
Police Manuals.....	800.00	
Postage.....	40.00	
Property Clerk.....	2,376.00	
Removing Garbage.....	417.00	
Rents.....	3,556.00	
Repairs to Vehicles.....	1,374.55	
Reward to Officers.....	300.00	
Roofing.....	109.00	
Rubber Goods.....	389.54	
Saddles.....	359.50	
Secretary and License Clerk.....	1,800.00	
Sergeants.....	67,366.30	
Shoes.....	83.58	
Spring Water.....	16.00	
Stationery.....	1,976.24	
Stenographer.....	1,800.00	
Stop Watches.....	75.00	
Surgeon.....	1,299.99	

ITEMIZED STATEMENT OF TOTAL EXPENDITURES OF ALL
DEPARTMENTS.—Continued.

	Amount.	Total.
Tank.....	5.00	
Telephone Operators.....	1,766.67	
Typewriters.....	213.75	
Ventilating City Prison.....	762.00	
Veterinary Services.....	498.00	
Wines and Liquors.....	6.00	
		1,193,153.29
Police Court—		
Fines Refunded.....	50.00	
Furniture.....	326.65	
Interpreter.....	10.00	
Judges.....	14,400.00	
Law Books.....	388.93	
Stationery.....	30.30	
Stenographer.....	9,600.00	
Witness Expenses.....	255.30	
		25,061.18
Police Boat—		
Engineer.....	416.68	
Furnishing Plans.....	150.00	
Furniture.....	44.75	
Hardware.....	177.14	
Metal Polish.....	7.50	
Mooring Float.....	300.00	
Photo Supplies.....	45.00	
Purchase of Boat.....	11,899.00	
Supervising Building.....	100.00	
		13,140.07
Public Pound—		
Impounding Animals.....	6,374.50	
Refund of Fees.....	168.50	
		6,543.00
Public Library—	97,181.79	97,181.79
Recorder—		
Block Books.....	2,275.00	
Cartage.....	8.00	
Copyists.....	2,206.88	
Deputies.....	4,800.00	
Extra Deputies.....	5,366.70	
Folio Clerks.....	34,642.21	
Furniture.....	180.09	
Index Clerks.....	7,846.70	
Machinist.....	1,200.00	
Messenger.....	900.00	
Metal Cabinets.....	4,750.59	
Recorder.....	3,600.00	
Stationery.....	1,605.10	
Typewriting Machines.....	220.00	
Typewriting Supplies.....	280.59	
		69,881.97
Sheriff—		
Attorney.....	1,800.00	
Auto Hire.....	1,117.50	
Bailiffs.....	16,800.00	
Bookkeepers.....	6,300.00	
Cartage on Safe.....	190.00	
Commissary.....	1,500.00	
Conveying Patients to Institutions.....	143.00	
Cook.....	75.00	
Deputies.....	16,541.70	
Expressage.....	35.00	
Furniture.....	91.65	
Guards.....	12,708.20	
Hardware.....	27.30	
Harness.....	238.89	

ITEMIZED STATEMENT OF TOTAL EXPENDITURES OF ALL DEPARTMENTS.—Continued.

	Amount.	Total.
Horseclipping.....	10.00	
Horsekeeping.....	143.27	
Horseshoeing.....	345.25	
Ice.....	2.60	
Incidentals.....	35.00	
Jailers.....	14,313.33	
Jury Expenses.....	10,544.65	
Keepers Fees.....	26,286.00	
Laundry.....	45.00	
Livery.....	751.05	
Matron.....	900.00	
Mileage.....	1,348.45	
Moving Furniture.....	100.00	
Rent.....	1,920.00	
Repairs to Typewriter.....	9.55	
Repairs to Vehicles.....	428.56	
Sheriff.....	7,999.92	
Stationery.....	730.24	
Stenographer.....	286.85	
Under Sheriff.....	2,400.00	
Van Drivers.....	1,800.00	
Veterinary Services.....	3.50	
		127,971.45
Smallpox Hospital—		
Alcohol.....	9.10	
Bread.....	48.94	
Brooms and Brushes.....	1.08	
Drugs.....	137.56	
Dry Goods.....	50.69	
Forage.....	102.15	
Fruits.....	206.12	
Fuel.....	437.95	
Furniture.....	163.00	
Groceries.....	1,342.29	
Hardware.....	192.73	
Horseshoeing.....	39.50	
Ice.....	45.00	
Laundress.....	645.00	
Meats.....	332.95	
Milk.....	153.60	
Nurse.....	1,092.50	
Oil.....	4.80	
Paint.....	46.67	
Physician.....	900.00	
Repairs to Vehicles.....	11.45	
Rubber Goods.....	20.70	
Shoes.....	15.64	
Veterinary Services.....	12.00	
Watchman.....	394.00	
Wines and Liquors.....	37.46	
		6,442.88
Special Sanitation—		
Advertising.....	1,123.45	
Alcohol.....	65.94	
Ambulance Driver.....	686.70	
Animals.....	81.00	
Automobile.....	3,050.00	
Auto Repairs.....	201.51	
Auto Service.....	422.10	
Auto Supplies.....	1,038.66	
Bacteriologist.....	4,376.80	
Badges.....	21.00	
Bounty on Rats.....	16,721.17	
Bread.....	977.17	
Brooms and Brushes.....	56.48	
Carpenter.....	25.00	

ITEMIZED STATEMENT OF TOTAL EXPENDITURES OF ALL
DEPARTMENTS.—Continued.

	Amount.	Total.
Cartage.....	35.00	
Chauffeur.....	398.00	
Chemist.....	384.00	
Chief Surgeon.....	1,346.70	
Clerks and Stenographers.....	2,441.50	
Commissary.....	1,425.00	
Compensation for Clothing Destroyed.....	345.85	
Cook.....	246.00	
Cordage.....	16.00	
Crockery and Glassware.....	23.10	
Disinfectants.....	555.00	
Disinfectors.....	573.00	
Drugs and Chemicals.....	14,161.11	
Dry Goods.....	409.12	
Electrical Supplies.....	38.64	
Filters.....	41.00	
Food Inspectors.....	73.30	
Forage.....	115.84	
Foremen.....	1,811.00	
Fruits and Vegetables.....	46.41	
Fuel.....	65.10	
Furniture.....	741.50	
Gardner.....	60.70	
Glazing.....	4.25	
Groceries.....	6,121.12	
Hardware.....	9,794.18	
Harness.....	14.45	
Helpers.....	160.00	
Horsekeeping.....	300.00	
Horseshoeing.....	280.50	
Horseshoes.....	22.00	
Hose.....	40.80	
Hospital Inspector.....	210.00	
Hostler.....	15.00	
Housemoving.....	926.00	
Ice.....	38.90	
Incidentals.....	451.14	
Industrial Inspectors.....	2,080.00	
Inspectors of Dead Bodies.....	450.00	
Internes.....	86.70	
Labor.....	42,978.70	
Laboratory Supplies.....	275.01	
Lamps.....	139.36	
Laundry.....	81.25	
Lime, etc.....	2,579.41	
Livery.....	12,314.30	
Lumber.....	4,643.89	
Meat.....	608.82	
Medical Inspectors.....	5,004.50	
Medical Supplies.....	1,393.91	
Messenger.....	328.80	
Metal Work.....	163.25	
Milk.....	71.10	
Morgue Tenders.....	1,323.00	
Nurses.....	2,306.75	
Oil.....	112.89	
Orderlies.....	97.55	
Paints and Oils.....	2,499.30	
Paper.....	19.50	
Photographer.....	484.00	
Photo Supplies.....	116.79	
Plumbing.....	139.81	
Plumbing Inspectors.....	1,665.60	
Rat Traps.....	3,888.50	
Receiving Basket.....	52.00	
Relief Cottages.....	150.00	
Removing Garbage.....	15.00	

ITEMIZED STATEMENT OF TOTAL EXPENDITURES OF ALL DEPARTMENTS.—Continued.

	Amount.	Total.
Rent of Typewriters.....	372.21	
Rent of Wagons.....	215.60	
Rents.....	354.85	
Roofing.....	12.20	
Rubber Goods.....	1,466.28	
Sanitary Inspectors.....	9,987.97	
Scales.....	22.00	
Sewermen.....	1,291.00	
Special Officers.....	216.00	
Stationery.....	5,426.06	
Stoves.....	46.00	
Surgical Supplies.....	130.30	
Teaming.....	1,850.50	
Telephone Operators.....	987.00	
Telephone Service.....	46.40	
Tents.....	112.50	
Timekeeper.....	75.40	
Transportation.....	218.17	
Veterinary Service.....	42.50	
Waiters.....	120.40	
Water.....	32.70	
Wines and Liquors.....	13.72	
Wire.....	19.83	
		181,711.47
Superior Courts—		
Auto Hire.....	483.00	
Carriage Hire.....	30.00	
Court Orders.....	7,424.75	
Examination of Insane.....	6,699.00	
Expenses of Acting Judge.....	1,222.05	
Furniture.....	6,293.20	
Gas.....	10.00	
Interpreters.....	8,400.00	
Janitor.....	319.00	
Judges.....	36,000.00	
Law Books.....	837.65	
Locksmithing.....	4.50	
Medical Services.....	50.00	
Painting.....	21.00	
Rent.....	11,571.32	
Reporter's Fees.....	32,859.58	
Secretary.....	1,800.00	
Stationery.....	164.17	
Typewriter.....	90.00	
Typewriter Supplies.....	4.50	
Witness Expenses.....	1,944.28	
		116,228.00
Schools—		
Advertising.....	2,102.21	
Apparatus.....	2,761.82	
Architect's Services.....	524.60	
Assistant Foreman.....	630.00	
Assistant Secretaries.....	3,925.00	
Auto Hire.....	465.00	
Blackboards.....	634.83	
Board of Directors.....	12,000.00	
Books.....	3,090.50	
Brickwork.....	268.50	
Brooms and Brushes.....	121.65	
Building Inspectors.....	750.00	
Carpenters.....	26,440.79	
Cartage.....	1,293.50	
Castings.....	191.35	
Census Marshals.....	7,352.00	
Clerk, High School Board.....	600.00	
Clocks and Repairs.....	1,045.46	
Construction of School Buildings.....	193,968.24	
Cooking Supplies.....	1,464.41	

ITEMIZED STATEMENT OF TOTAL EXPENDITURES OF ALL
DEPARTMENTS.—Continued.

	Amount.	Total.
Cornice Work.....	1,061.15	
Deputy Superintendent of Schools.....	10,747.00	
Dictionaries.....	142.50	
Diplomas and Engraving.....	684.10	
Draughtsman.....	720.85	
Dry Goods.....	247.00	
Electrical Material.....	22.56	
Expenses to Los Angeles, A. Roncovieri.....	53.50	
Flags.....	241.10	
Foremen.....	1,380.00	
Fuel.....	14,465.39	
Furniture.....	65,903.12	
Gas and Electricity.....	6,696.19	
Gas Fixtures.....	1,313.37	
Glass and Glazing.....	2,453.18	
Grading.....	465.00	
Groceries.....	117.15	
Hardware.....	17,988.19	
Heaters.....	50.65	
Helpers.....	7,920.00	
Hose.....	250.41	
House Moving.....	3,910.00	
Ice.....	65.60	
Incidentals.....	1,025.17	
Installing Circuit.....	92.84	
Installments on Adding Machine.....	150.00	
Insurance.....	394.95	
Janitorial Supplies.....	2,421.06	
Janitors.....	57,986.85	
Judgment, J. S. Reeves.....	1,400.00	
Judgment, L. Fowler.....	5,000.00	
Labor.....	7,621.50	
Laboratory Supplies.....	1,740.93	
Laundry.....	8.00	
Lectures.....	350.00	
Lime and Cement.....	46.00	
Livery.....	3,334.60	
Loam.....	499.40	
Locksmith.....	1,522.50	
Lumber.....	52,555.28	
Maps and Charts.....	2,369.80	
Materials for Manual Training.....	1,539.40	
Messengers.....	2,245.00	
Models.....	547.00	
Moving Booths.....	50.00	
Notarial Work.....	8.75	
Painters.....	5,572.00	
Paints and Brushes.....	4,114.13	
Paper.....	552.00	
Patent Chimneys.....	4,740.50	
Photo Supplies.....	114.80	
Plans.....	511.50	
Plastering.....	577.75	
Plumbers.....	4,002.50	
Plumbing Supplies.....	2,451.16	
Postage.....	534.00	
Printing.....	3,890.90	
Purchase of Land.....	40,624.00	
Raise in Teacher's Salaries, Special Levy....	99,717.50	
Rat Traps, Etc.....	172.07	
Refund of Rent.....	362.30	
Rehabilitation of Records.....	150.00	
Removing Debris.....	986.50	
Rent of Piano, Etc.....	277.00	
Rent of Premises.....	7,805.10	
Repairs to Monroe School.....	660.00	

ITEMIZED STATEMENT OF TOTAL EXPENDITURES OF ALL DEPARTMENTS.—Continued.

	Amount.	Total.
Repairs to Whittier School.....	20.68	
Repairs to Typewriters.....	221.35	
Resetting Arches, Mission High School.....	612.00	
Roofing.....	2,762.43	
Rubber Goods.....	166.08	
Rubber Stamps.....	136.80	
Salaries of Teachers.....	1,102,348.35	
Salaries of Teachers, High and Evening Schools, 1906.....	23,222.50	
Scavenger.....	2,281.00	
Secretary.....	1,800.00	
Sewer Construction.....	574.40	
Sewer Pipe.....	601.79	
Sewing Machines, Etc.....	99.50	
Signs.....	95.75	
Smokestack.....	575.00	
Stationery.....	12,036.68	
Stenographers.....	2,932.65	
Storekeeper and Assistants.....	3,800.00	
Stoves.....	1,951.78	
Subscription of Papers.....	199.25	
Superintendent of Repairs.....	2,680.00	
Superintendent of Schools.....	3,999.96	
Teacher's Annuity.....	3,000.00	
Teaming.....	358.00	
Teamsters.....	2,662.00	
Telephone and Telegraph.....	63.97	
Telephone Operator.....	720.00	
Tinners.....	2,614.00	
Tools and Repairs.....	125.21	
Towel Service.....	60.00	
Trunks and Cases.....	33.00	
Typewriting Machine and Repairs.....	1,956.39	
Typewriter Supplies.....	25.50	
Vaccine Points.....	162.10	
Wall Paper.....	28.20	
Watchman.....	15.00	
Water.....	23,520.10	
Tax Collector—		1,915,713.03
Adding Machine.....	750.00	
Advertising.....	2,200.70	
Auto Hire.....	43.00	
Cashier.....	2,400.00	
Chief Deputy.....	2,400.00	
Clerks.....	28,315.16	
Coin Trays.....	295.00	
Deputies.....	22,441.70	
Duplicate Taxes Refunded.....	5,289.95	
Expressage.....	40.00	
Furniture.....	10.00	
Horse Hire.....	590.50	
Ice.....	2.60	
Incidentals.....	45.55	
Law Books.....	14.90	
Moving Office.....	75.00	
Plumbing.....	75.00	
Premium on Bond.....	250.00	
Publishing Delinquent Tax List.....	5,086.46	
Refund of Badges.....	90.00	
Rent.....	2,550.00	
Repairs to Adding Machine.....	4.10	
Safes.....	1,715.35	
Searchers.....	3,600.00	
Sewer Pipe.....	720.75	
Stationery.....	1,473.70	
Subscription to Papers.....	2.50	

ITEMIZED STATEMENT OF TOTAL EXPENDITURES OF ALL
DEPARTMENTS.—Continued.

	Amount.	Total.
Tax Collector.....	3,999.96	
Treasurer—		84,481.88
Advertising.....	353.50	
Bookkeepers.....	3,875.00	
Burglar Alarm.....	310.90	
Cartage.....	61.00	
Chief Deputy.....	2,400.00	
Clerks.....	2,506.67	
Coin Trays.....	206.65	
Deputies.....	3,600.00	
Extra Clerk.....	1,800.00	
Furniture.....	700.00	
Glazing.....	41.00	
Ice.....	44.00	
Incidentals.....	66.85	
Livery.....	128.18	
Locksmithing.....	37.00	
Premium on Bond.....	750.00	
Rent.....	1,950.00	
Repairs to Office.....	286.80	
Repairs to Vault.....	363.50	
Stationery.....	532.04	
Stenographer.....	125.00	
Transporting Coin.....	922.10	
Treasurer.....	4,000.00	
Typewriter.....	90.00	
		25,240.19
Twenty-sixth Street Hospital—		
Alcohol.....	3.35	
Bread.....	51.81	
Cook.....	1,020.00	
Drugs.....	78.03	
Dry Goods.....	330.02	
Forage.....	25.54	
Fruits and Vegetables.....	250.27	
Fuel.....	463.75	
Furniture.....	387.08	
Groceries.....	1,673.40	
Hardware.....	170.92	
Horsekeeping.....	66.65	
Ice.....	39.00	
Incidentals.....	7.80	
Laundryman.....	165.00	
Meats.....	663.75	
Medical Supplies.....	13.50	
Milk.....	227.20	
Nurse.....	900.00	
Oil.....	78.00	
Orderlies.....	1,695.00	
Paint.....	16.21	
Plumbing.....	48.31	
Porter.....	95.00	
Repairs to Building.....	50.60	
Rubber Goods.....	1.75	
Shoes.....	32.75	
Steward.....	723.35	
Wines and Liquors.....	18.30	
		9,286.34
Teacher's Institute Fund—		
Books.....	287.79	
Fees Refunded.....	2.00	
Subscription to Papers.....	49.07	
		338.86
Supervisors—		
Advertising.....	33,616.86	
Appraisalment.....	10.00	

ITEMIZED STATEMENT OF TOTAL EXPENDITURES OF ALL DEPARTMENTS.—Continued.

	Amount.	Total.
Assistant Engineer, Public Utilities.....	750.00	
Auto Hire.....	2,587.75	
Auto Repairs.....	3,754.87	
Auto Supplies.....	1,329.27	
Bromide.....	3.00	
Carriage Hire.....	136.00	
Chauffeur.....	1,180.63	
Clerk and Assistants.....	21,555.62	
Damage to Buildings.....	549.00	
Dictionary.....	35.50	
Directories.....	552.00	
Drayage.....	27.00	
Dues to League of American Municipalities.....	120.00	
Engrossing Resolutions.....	101.20	
Expenses to Washington.....	907.84	
Expenses, Securing Right-of-Way Hetch- Hetchy Water System.....	573.65	
Expert, Finance Committee.....	6,692.50	
Expert on Bond Issue.....	600.00	
Expert, Posting Records.....	488.50	
Fines Imposed, Violation Fish and Game Ordinances.....	285.00	
Fines Imposed, Violation Pharmacy Law.....	120.00	
Flags.....	5.50	
Fourth of July Expenses.....	2,500.00	
Furniture.....	4,050.13	
Gas Tank.....	2.50	
Harness.....	15.00	
Harron, H., to Sacramento.....	28.50	
Ice for Various Departments.....	88.05	
Interment of Ex-U. S. Soldiers.....	2,800.00	
Investigating Calaveras Water Shed.....	84.20	
John E. Behan to Pasadena.....	139.90	
John E. Behan to Sacramento.....	31.05	
Judgment, Eimoto vs. City and County.....	450.00	
Judgment, Otis Elevator Co. vs. City and County.....	5,000.00	
Judgment, Ryan vs. City and County.....	3,750.00	
Law Books.....	667.90	
Lighting Streets and Public Buildings.....	297,350.10	
Maps.....	1,014.25	
Memorial Day.....	404.07	
Mileage.....	25.00	
Money Paid in Error and Refunded.....	3,184.60	
Motor Cycle.....	275.00	
Municipal Reports.....	3,604.00	
Music, Golden Gate Park.....	1,050.00	
Photo Supplies.....	154.00	
Postage Stamps for Various Departments.....	3,160.00	
Press Clippings.....	10.00	
Printing Journals.....	175.05	
Purchase of Land.....	25,520.49	
Printing Ordinances and Charters.....	3,621.77	
Publishing Law and Motion Calendar.....	3,300.00	
Re-establishing Records.....	160.00	
Refund on Taxes.....	4,481.50	
Rent of Grant Building.....	13,050.00	
Rent of Hall of Justice.....	24,000.00	
Rent of Typewriter.....	12.00	
Repairs to Adding Machine.....	6.55	
Report on Titles of City Property.....	2,805.00	
Revising Ordinances.....	687.00	
Rubber Goods.....	120.95	
Satisfaction of Judgment, Conniff vs. City and County.....	1,000.00	
Sergeant-at-Arms.....	1,610.45	

ITEMIZED STATEMENT OF TOTAL EXPENDITURES OF ALL
DEPARTMENTS.—Continued.

	Amount.	Total.
Services at Sacramento, H. R. Mason.....	200.00	
Services in re Free Market.....	642.75	
Special Accountant.....	1,596.00	
Spring Water.....	139.70	
Stationery.....	22,694.47	
Stenographer.....	3,448.12	
Subscription to Papers.....	53.20	
Supervisor's Salaries.....	21,536.70	
Surveyor.....	205.00	
Telegrams.....	283.08	
Telephone Operators.....	1,275.85	
Telephone Service.....	9.15	
Tent Poles for Free Market.....	300.00	
Transportation.....	347.45	
Typewriter Inspection.....	618.30	
Typewriters.....	180.00	
Typewriter Supplies.....	133.75	
Typewriting.....	69.25	
Water for Hydrants.....	39,999.96	
Water for Municipal Buildings.....	9,999.96	
Water Supply Investigation, Expenses Engineer.....	774.15	
Wireman.....	40.00	
Witness Fees.....	400.00	
		599,717.56
Bond Issue—		
Bonds Redeemed.....	431,000.00	
Coupons Redeemed.....	143,325.00	
Satisfaction of Judgment.....	4,792.50	
Telegraph Hill Bond Fund, Refund of Taxes.....	3,319.21	
		532,436.71
Total Expenditures, 1907-08.....		\$10,368,148.93

TRANSFER OF APPROPRIATIONS FROM 1907-08 TO 1908-09.

RESOLUTION No. 2641, BOARD OF SUPERVISORS.

	Amount.	Total.
Municipal Reports.....	\$ 4,370.00	
Investigation Water Supply.....	6,067.33	
Assessor, Filing Cases.....	500.00	
Health Office Salaries.....	500.00	
Emergency Hospital Salaries.....	2,975.00	
Smallpox Hospital Salaries.....	145.00	
Leper Hospital Salaries.....	330.00	
Fire House, Bush Street.....	20,947.14	
Asphalt Paving Plant.....	12,500.00	
Repairs to Kearny and Montgomery Streets.....	2,334.85	
Grading Fulton Street.....	10,000.00	
Pumping Plant, Fourth and Berry Streets.....	526.20	
Twenty-sixth Street Hospital.....	9,714.35	
Health Department Ambulance.....	1,450.00	
Planking School Yards.....	9,890.00	
Additions to Almshouse.....	2,332.95	
Hetch-Hetchy Water System.....	10,000.00	
Ingleside Boulevard.....	1,735.64	
Grading, Almshouse Property.....	9,956.80	
Fire Protection Plans.....	9,655.00	
Plans, Schools.....	1,004.15	
Channel Street Sewer.....	50,440.00	
Commercial Street Sewer.....	29,295.74	
Sacramento Street Sewer.....	6,242.47	
California Street Sewer.....	5,000.00	
Dredging Sewers.....	1,710.00	
Salary, Ex-Chief Dinan, Claim.....	828.00	
Printing Ordinances, 1907-08 }	440.00	
Printing Documents, 1908-09 }		
Rents.....	1,200.00	
		\$212,090.62

SUMMARY OF DEMANDS AUDITED, PAID AND OUTSTANDING, FISCAL YEAR ENDING JUNE 30, 1908.

FUNDS AND ACCOUNTS.	Demands Outstanding June 30, 1907.	Demands Audited 1907-1908.	Total.	Demands Paid 1907-1908.	Cancellations.	Demands Outstanding June 30, 1908.
General Fund	\$ 368,683.43	\$6,363,916.97	\$6,732,600.40	\$6,055,069.34	\$1,239.47	\$ 676,291.59
Advertising	1,838.15	13,811.41	15,649.56	12,659.56	794.40	2,195.60
Redemption Fund		1,434.20	1,434.20	1,434.20		
Duplicate Tax Fund	1,088.12	5,289.95	6,378.07	5,399.46		978.61
House Moving Fund, Department of Electricity	344.00	791.30	1,135.30	938.00		197.30
House Moving Fund, Department of Public Works	385.00	1,680.00	2,065.00	1,535.00		530.00
Library Fund	4,544.84	97,181.79	101,726.63	93,733.30		7,993.33
Park Fund	21,773.46	327,885.04	349,658.50	309,693.47	127.64	39,837.38
Henry Windel Trust Fund		958.61	958.61	958.61		
Robinson Bequest Interest Fund		4,100.00	4,100.00	4,100.00		
Teacher's Institute Fund	16.50	338.86	355.36	346.11		9.25
Tearing Up Streets Fund	11,038.35	138,517.21	149,555.56	137,619.61		11,935.95
Unapportioned Fee Fund	2,520.85	28,111.95	30,632.80	27,430.45		3,202.35
Special Permit Fund	3,810.00	54,265.00	58,075.00	54,245.00		3,830.00
Special Badge Fund		90.00	90.00	90.00		
Firemen's Relief Fund	3,210.40	41,197.30	44,407.70	40,777.30	72.50	3,557.90
Police Relief and Pension Fund	18,705.85	75,004.49	93,710.34	74,388.34		19,322.00
Common School Fund	100,258.58	1,532,064.32	1,632,322.90	1,465,454.50		166,868.40
Yerba Buena School		520.27	520.27	393.65		126.62
Hospital Bond Redemption Fund		25,000.00	25,000.00	25,000.00		
Sewer Bond Redemption Fund		181,200.00	181,200.00	181,200.00		
School Bond Redemption Fund		89,800.00	89,800.00	89,800.00		
Street Bond Redemption Fund		42,500.00	42,500.00	42,500.00		
Jain Bond Redemption Fund		17,400.00	17,400.00	17,400.00		
Library Bond Redemption Fund		41,100.00	41,100.00	41,100.00		
Playground Bond Redemption Fund		18,500.00	18,500.00	18,500.00		
Mission Park Bond Redemption Fund		7,300.00	7,300.00	7,300.00		
Park Extension Bond Redemption Fund		8,200.00	8,200.00	8,200.00		
Hospital Bond Interest Fund		6,562.50	6,562.50	6,562.50		
Sewer Bond Interest Fund		9,513.00	9,513.00	9,513.00		
School Bond Interest Fund		29,858.50	29,858.50	29,858.50		
Street Bond Interest Fund		22,233.75	22,233.75	22,233.75		
Jail Bond Interest Fund		8,221.50	8,221.50	8,221.50		
Library Bond Interest Fund		22,345.75	22,345.75	22,345.75		
Playground Bond Interest Fund		24,246.25	24,246.25	24,246.25		
Park Extension Bond Interest Fund		15,555.00	15,555.00	15,555.00		20.00

Mission Park Bond Interest Fund.....	91,092.90	9,581.25	9,581.25	9,581.25	31.40	9,574.52
Public Building Sewer Bond Fund.....	48,422.87	148,827.84	242,920.74	233,314.82	4,681.17	49,461.81
Public Building Street Bond Fund.....		247,265.97	295,688.81	241,545.83		
Public Building Jail Bond Fund.....		142,586.84	142,586.84	142,586.84		
Public Building School Bond Fund.....	300.00	258,819.22	259,119.22	220,472.48		38,646.74
Public Building Playground Bond Fund.....		290,303.31	290,303.31	243,665.00		46,638.31
Public Building Library Bond Fund.....		9,570.62	9,570.62	9,570.62		
Public Building Mission Park Bond Fund.....		6.34	6.34	6.34		
Public Building Park Extension Bond Fund.....	250.00	1,173.41	250.00	250.00		701.75
Public Building Hospital Bond Fund.....	117.88	3,319.21	1,173.41	471.66	117.88	
Telegraph Hill Bond and Interest Fund.....			3,437.09	3,319.21		
	\$681,401.18	\$10,368,148.93	\$11,049,550.11	\$9,960,566.21	\$7,064.46	\$1,081,919.44

RECAPITULATION OF DISBURSEMENTS OF FUNDS—1907-08.

	Salaries.	Compensation, Wages, Services, etc.	Material, Miscellaneous Items.	Fees.	Total.
General Fund, Salary Register.....	\$2,608,744.82	\$ 76,149.15			\$ 2,743,782.55
General Fund, Miscellaneous Register.....	50,903.76	204,114.70	1,842,142.40	58,888.58	2,147,945.75
General Fund, Public Works Register.....	206,764.35	520,680.43	744,743.89	50,784.89	1,472,188.67
General Fund, Sundry Funds Register.....	98,507.37	399,952.51	1,817,329.81	156,377.95	2,472,167.64
General Fund, School Fund Register.....	51,597.61	1,337,763.45	142,703.26		1,532,064.32
Grand Total.....	\$3,016,517.91	\$2,538,660.24	\$4,546,919.36	\$266,051.42	\$10,368,148.93

REDEMPTION OF PROPERTY SOLD TO THE STATE FOR
DELINQUENT TAXES.

Year.	Taxes.	Penalty on De- linquency.	Costs.	Interest.	Penalty on Re- demption.	Total.
1878.....	\$ 0.22	\$ 0.01	\$.50	\$.34	\$	\$ 1.07
1879.....	11.20	4.94	1.00	21.42	.....	38.56
1880.....	4.00	.20	1.50	7.39	.....	13.09
1881.....	.20	.01	.50	.35	.....	1.06
1890.....	2.02	.....	.....	2.29	.....	4.31
1891.....	2.34	.....	.....	2.49	.....	4.83
1892.....	2.12	.01	.50	2.11	.....	4.74
1893.....	2.92	.08	3.50	2.80	.....	9.30
1894.....	26.24	.....	.....	22.43	12.14	60.81
1895.....	2.97	.....	.....	1.38	1.37	5.72
1898.....	50.31	.....	.....	29.71	23.57	103.59
1899.....	148.45	.....	.....	76.91	72.84	298.20
1900.....	278.25	22.87	18.00	135.60	137.76	592.48
1901.....	501.06	35.87	28.50	203.64	248.76	1,017.83
1902.....	561.05	28.04	34.00	176.52	278.59	1,078.20
1903.....	1,004.86	60.46	35.00	252.06	450.75	1,803.13
1904.....	2,434.43	222.66	118.00	416.81	968.30	4,160.20
1905.....	6,297.14	403.86	178.00	615.79	1,798.25	9,293.04
1906.....	21,093.89	1,822.76	698.00	653.87	2,758.96	27,027.48
	\$32,423.67	2,601.77	1,117.00	2,623.91	6,751.29	45,517.64

STATEMENT OF ASSESSED VALUE OF PROPERTY, RATE OF TAXATION AND AMOUNT OF TAX LEVIED FROM 1861 TO 1908-09.

Fiscal Year	Valuation of Real Estate and Improvements	Valuation of Personal Property	Total Valuation	Rate for City and County Purposes	Rate for State Purposes.	Rate for State Purposes Total Rate on Each \$100 Valuation	Total Tax Levied
1861-62	\$41,870,811.00	Real & Personal \$41,870,811.00	\$41,870,811.00	\$2.25	\$0.62	\$2.87	\$1,201,692.27
1862-63	37,016,101.87	\$29,540,553.93	66,566,655.00	1.975	.77	2.74 1/2	1,826,980.19
1863-64	43,153,212.50	35,566,125.21	78,709,337.71	1.20	.90	2.10	1,652,896.09
1864-65	47,345,973.66	35,851,652.03	83,197,625.79	1.73	1.25	2.98	2,479,289.24
1865-66	49,169,047.00	39,775,496.34	88,934,543.34	1.97	1.15	3.12	2,774,552.75
1866-67	53,131,183.00	43,214,978.43	96,346,159.43	1.97	1.13	3.10	2,999,130.94
1867-68	58,207,861.85	51,152,963.88	109,360,825.73	1.87	1.13	3.00	3,280,824.77
1868-69	63,631,721.22	42,782,307.60	106,414,028.82	2.05	1.00	3.05	3,245,617.87
1869-70	69,776,603.00	44,982,907.67	114,759,510.63	2.11	.97	3.08	3,534,592.91
1870-71	75,145,717.00	31,246,159.00	106,391,876.00	1.98	.865	2.84 1/2	3,026,848.89
1871-72	76,124,551.00	28,900,988.00	105,025,534.00	2.105	.865	2.97	3,110,258.51
1872-73	180,571,640.00	108,011,616.90	288,583,256.00	1.00	.50	1.50	4,328,748.84
1873-74	212,407,505.00	Real & Personal 212,407,505.00	212,407,505.00	1.10	.50	1.60	3,398,520.08
1874-75	162,466,177.00	101,763,267.00	264,229,444.00	1.45	.64 9-10	2.09 9-10	5,546,176.02
1875-76	169,944,327.00	99,160,814.00	269,105,141.00	1.00	.60 5-10	1.60 1/2	4,319,137.51
1876-77	190,222,363.00	70,354,615.00	260,576,987.00	1.39	.73 5-10	2.12 1/2	5,537,260.78
1877-78	190,973,720.00	63,873,320.00	254,867,050.00	1.20	.63	1.83	4,664,067.02
1878-79	190,280,810.00	54,196,550.00	244,477,360.00	1.69	.55	2.24	5,476,292.86
1879-80	166,429,845.00	51,057,229.00	217,487,074.00	1.37	.62 5-10	1.995	4,328,867.10
1880-81	165,023,658.00	279,287,738.00	444,311,396.00	1.57	.64	2.21	9,891,281.49
* 1881-82	168,301,669.00	71,121,990.00	239,423,662.00				
1881-82	155,834,879.00	66,598,521.00	222,433,400.00	1.15	.65 5-10	1.80 5-10	4,126,209.07
1882-83	151,894,908.00	50,267,099.00	202,162,007.00	1.20 63-100	.59 6-10	1.80 23-100	3,643,565.85
* 1883-84	182,531,759.00	70,691,188.00	253,452,389.00				
1883-84	158,723,269.00	62,272,534.00	221,225,245.00	1.20	.49 7-10	1.69 7-10	3,914,361.31

AUDITOR

*1884-85	180,917,078.00	64,240,218.00	245,157,396.00	1.125	.45 2-10	1.57 7-10	3,622,593.51
1884-85	164,495,888.00	59,013,672.00	223,509,560.00				3,744,356.82
1885-86	171,416,426.00	56,192,922.00	227,609,348.00				3,615,672.35
*1885-86	192,843,592.00	61,482,367.00	254,325,959.00	1.04 89-100	.54 4-10	1.54 29-100	4,420,158.20
1886-87	175,409,145.00	54,741,864.00	230,151,009.00	1.01 10-100	.56 8-10	1.75 58-100	4,294,950.87
1887-88	191,618,454.00	60,127,657.00	251,746,111.00	1.14 78-100	.50 4-10	1.57 1-10	5,165,648.48
1888-89	211,467,987.00	61,921,629.00	273,389,616.00	1.06 7-10	.72 2-10	1.72 2-10	4,853,152.40
*1889-90	241,119,410.00	64,920,995.00	306,040,405.00	1.00	.58	1.61	
1890-91	235,361,768.00	66,082,372.00	301,444,140.00	1.03			
*1891-92	244,515,331.00	67,050,748.00	311,556,079.00		.44 6-10	1.47 6-10	4,992,254.91
State	317,864,930.00	81,956,147.00	399,826,077.00	1.03			
City & County	277,340,008.00	68,884,698.00	346,224,706.00				
State	332,808,010.00	79,239,002.00	412,047,076.00	1.00	.43 4-10	1.43 4-10	5,250,531.37
1892-93	276,457,420.00	66,186,759.00	342,644,174.00	1.03	.57 6-10	1.60 6-10	5,502,865.51
1893-94	261,808,995.00	63,299,903.00	325,108,898.00	1.00	.49 3-10	1.49 3-10	5,082,919.33
*1894-95	265,018,605.00	62,786,542.00	327,805,147.00	1.565	.68 1/2	2.25	6,896,872.16
1895-96	330,401,154.00	91,668,562.00	422,069,716.00	.96 92-100	.42 9-10	1.39 82-100	5,901,372.77
*1896-97	278,157,865.00	69,797,055.00	347,954,920.00	1.1854	.51	1.69 54-100	5,899,227.71
1897-98	282,769,730.00	69,574,331.00	352,344,061.00	1.318	.48 8-10	1.806	6,363,417.64
1898-99	285,305,370.00	119,806,245.00	405,111,615.00	1.029	.60 1-10	1.63	6,128,407.94
1899-1900	288,530,645.00	121,624,659.00	410,155,304.00	1.127	.498	1.625	6,110,252.28
1900-1901	289,682,092.00	123,417,901.00	413,099,993.00	1.0762	.48	1.5562	6,428,662.09
1901-02	288,436,300.00	121,532,344.00	419,968,644.00	1.2262	.382	1.6082	6,753,800.17
1902-03	390,119,914.00	155,746,532.00	545,866,446.00	1.076	.561	1.637	7,663,956.11
*1903-04	380,282,050.00	122,610,309.00	502,892,459.00	1.112	.535	1.655	7,760,449.86
1904-05	401,966,350.00	122,264,596.00	524,230,946.00	1.164	.476	1.654	8,670,779.85
1905-06	287,286,852.00	88,645,595.00	375,932,447.00	1.322	.49	1.798	6,417,613.49
1906-07	327,505,007.00	102,127,586.00	429,632,593.00	1.415	.445	1.86	7,991,166.23
1907-08	349,512,992.00	104,821,168.00	454,334,160.00	1.50	.40	1.90	8,632,817.59
1908-09							

* Years in which the State Board of Equalization increased the valuation of property for State purposes: 1881-82, 8%; 1883-84, 15%; 1884-85, 10%; 1891-92, 30%; 1894-95, 15%; 1885-86, 12 1/2%; 1896-97, 20%; 1903-04, 30%; 1892-93, 20%.
 ** Decrease of 5% in the fiscal year 1889-90.

AUDITOR'S ACCOUNT WITH TAX COLLECTOR OF LICENSES ISSUED, SOLD, RETURNED AND ON HAND DURING FISCAL YEAR 1907-1908.

CLASS.	Value each.....	Number issued to Tax Collector.....	Amount.....	Returned by Tax Collector.		Sold by Tax Collector.		Yearly Licenses on Hand with Tax Collector.	
				Number.....	Amount.....	Number.....	Amount.....	Number.....	Amount.....
Municipal.....	\$ 1.00	500	\$ 500.00	86	\$ 86.00	414	\$ 414.00		
Municipal.....	2.00	100	200.00	20	40.00	80	160.00		
Municipal.....	3.00	6,600	19,800.00	82	246.00	6,518	19,534.00		
Municipal.....	4.00	700	2,800.00	29	116.00	671	2,684.00		
Municipal.....	5.00	3,200	16,000.00	22	110.00	3,178	15,890.00		
Municipal.....	6.00	1,400	8,400.00	55	330.00	1,345	8,070.00		
Municipal.....	7.00	100	700.00	64	448.00	36	252.00		
Municipal.....	7.50	116	870.00	4	30.00	112	840.00		
Municipal.....	8.00	120	960.00	2	16.00	118	944.00		
Municipal.....	9.00	100	900.00	85	765.00	15	135.00		
Municipal.....	10.00	900	9,000.00	67	670.00	833	8,330.00		
Municipal.....	11.00	100	1,100.00	74	814.00	26	286.00		
Municipal.....	12.00	75	900.00	7	84.00	68	816.00		
Municipal.....	13.00	100	1,300.00	89	1,157.00	11	143.00		
Municipal.....	13.20	1	13.20			1	13.20		
Municipal.....	15.00	100	1,500.00	33	495.00	67	1,005.00		
Municipal.....	16.00	237	3,792.00	5	80.00	232	3,712.00		
Municipal.....	17.00	8	136.00			8	136.00		
Municipal.....	19.00	8	152.00			8	152.00		
Municipal.....	20.00	200	4,000.00	62	1,240.00	138	2,760.00		
Municipal.....	21.00	4	84.00			4	84.00		
Municipal.....	22.50	1	22.50			1	22.50		
Municipal.....	23.00	3	69.00			3	69.00		
Municipal.....	24.00	4	96.00			4	96.00		
Municipal.....	25.00	400	10,000.00	25	625.00	375	9,375.00		
Municipal.....	26.00	10	260.00			10	260.00		
Municipal.....	28.00	3	84.00			3	84.00		
Municipal.....	29.00	1	29.00			1	29.00		
Municipal.....	30.00	100	3,000.00	78	2,340.00	22	660.00		

AUDITOR'S ACCOUNT WITH TAX COLLECTOR OF LICENSES ISSUED, SOLD, RETURNED AND ON HAND
DURING FISCAL YEAR 1907-08.—Continued.

CLASS.	Value each.....	Number issued to Tax Collector.....	Amount.....	Returned by Tax Collector.		Sold by Tax Collector.		Yearly Licenses on Hand with Tax Collector.	
				Number.....	Amount.....	Number.....	Amount.....	Number.....	Amount.....
Vehicle.....	4.00	427	1,708.00	122	488.00	214	856.00	91	364.00
Vehicle.....	4.50	84	378.00	75	337.50	8	36.00	1	4.50
Vehicle.....	5.00	478	2,390.00	25	125.00	355	1,775.00	98	490.00
Vehicle.....	5.25	100	525.00			34	178.50	66	246.50
Vehicle.....	5.50	214	1,177.00	14	77.00	127	698.50	73	401.50
Vehicle.....	5.75	10	57.50			2	11.50	8	46.00
Vehicle.....	6.00	272	1,632.00	70	420.00	134	804.00	68	408.00
Vehicle.....	6.50	5	32.50			5	32.50		
Vehicle.....	6.75	1	6.75			1	6.75		
Vehicle.....	7.00	39	273.00	32	224.00	6	42.00	1	7.00
Vehicle.....	7.50	338	2,535.00	133	997.50	128	960.00	77	577.50
Vehicle.....	8.00	72	576.00	72	576.00				
Vehicle.....	8.25	1	8.25			1	8.25		
Vehicle.....	9.00	2	18.00			2	18.00		
Vehicle.....	10.00	260	2,600.00	56	560.00	116	1,160.00	88	880.00
Vehicle.....	10.25	12	123.00			11	112.75	1	10.25
Vehicle.....	10.50	66	693.00	39	409.50	26	273.00	1	10.50
Vehicle.....	10.75	10	107.50			3	32.25	7	73.25
Vehicle.....	11.00	3	33.00			3	33.00		
Vehicle.....	12.00	1	12.00			1	12.00		
Vehicle.....	12.25	1	12.25			1	12.25		
Vehicle.....	12.50	195	475.00	95	1,187.50	38	475.00	62	775.00
Vehicle.....	12.75	1	12.75			1	12.75		
Vehicle.....	13.00	1	13.00			1	13.00		
Vehicle.....	13.25	1	13.25			1	13.25		
Vehicle.....	13.50	1	13.50			1	13.50		
Vehicle.....	13.75	1	13.75			1	13.75		
Vehicle.....	14.00	51	28.00	49	686.00	2	28.00		
Vehicle.....	14.25	1	14.25			1	14.25		

AUDITOR'S ACCOUNT WITH TAX COLLECTOR OF LICENSES ISSUED, SOLD, RETURNED AND ON HAND DURING FISCAL YEAR 1907-08.—Continued.

CLASS.	Value each.....	Number issued to Tax Collector.....	Amount.....	Returned by Tax Collector.		Sold by Tax Collector.		Yearly Licenses on Hand with Tax Collector.	
				Number.....	Amount.....	Number.....	Amount.....	Number.....	Amount.....
Vehicle.....	49.00	1	49.00			1	49.00		
Vehicle.....	49.25	1	49.25			1	49.25		
Vehicle.....	50.00	4	200.00			4	200.00		
Vehicle.....	50.50	1	50.50			1	50.50		
Vehicle.....	51.00	1	51.00			1	51.00		
Vehicle.....	57.00	1	57.00			1	57.00		
Vehicle.....	58.00	1	58.00			1	58.00		
Vehicle.....	60.00	2	120.00			2	120.00		
Vehicle.....	60.50	1	60.50			1	60.50		
Vehicle.....	62.50	1	62.50			1	62.50		
Vehicle.....	63.50	1	63.50			1	63.50		
Vehicle.....	65.50	1	65.50			1	65.50		
Vehicle.....	66.25	1	66.25			1	66.25		
Vehicle.....	68.00	1	68.00			1	68.00		
Vehicle.....	69.00	1	69.00			1	69.00		
Vehicle.....	71.50	1	71.50			1	71.50		
Vehicle.....	72.00	1	72.00			1	72.00		
Vehicle.....	72.50	1	72.50			1	72.50		
Vehicle.....	74.00	1	74.00			1	74.00		
Vehicle.....	77.00	1	77.00			1	77.00		
Vehicle.....	80.00	1	80.00			1	80.00		
Vehicle.....	83.50	1	83.50			1	83.50		
Vehicle.....	89.50	2	179.00			2	179.00		
Vehicle.....	90.00	1	90.00			1	90.00		
Vehicle.....	103.00	2	206.00			2	206.00		
Vehicle.....	105.00	1	105.00			1	105.00		
Vehicle.....	107.50	1	107.50			1	107.50		
Vehicle.....	112.50	1	112.50			1	112.50		
Vehicle.....	113.00	2	226.00			2	226.00		

AUDITOR

129

Vehicle.....	1	115.50				115.50		
Vehicle.....	1	116.50				116.50		
Vehicle.....	1	117.50				117.50		
Vehicle.....	1	139.50				139.50		
Vehicle.....	1	140.50				140.50		
Vehicle.....	1	143.50				143.50		
Vehicle.....	1	160.00				160.00		
Vehicle.....	1	162.50				162.50		
Vehicle.....	1	174.50				174.50		
Vehicle.....	1	177.00				177.00		
Vehicle.....	1	226.50				226.50		
Vehicle.....	1	228.00				228.00		
Vehicle.....	1	229.25				229.25		
Vehicle.....	1	378.50				378.50		
Street Railway.....	1	37.50				37.50		
Street Railway.....	1	45.00				45.00		
Street Railway.....	2	180.00				180.00		
Street Railway.....	4	450.00				450.00		
Street Railway.....	1	127.50				127.50		
Street Railway.....	1	138.75				138.75		
Street Railway.....	2	3,187.50				3,187.50		
Street Railway.....	1	1,687.50				1,687.50		
Deadly Weapon.....	60	180.00			3.00	165.00	1	12
Nickel-in-Slot (Quarter)	11,253	112,550.00			3,980.00	108,570.00		
Nickel-in-Slot (Quarter)	799	1,598.00			92.00	1,506.00		
Nickel-in-Slot (Yearly)	397	794.00			396.00	228.00	85	170
Dog Tags.....	4,050	8,100.00			114.00	7,986.00		
Dog Tags, Duplicate	50	210.00			9.50	200.50		
Drivers' Badges.....	940	940.00			230.00	688.00	22	22
Peddlers' Tags.....	1,942	11,652.00			1,512.00	10,140.00		
Total	57,532	\$1,599,174.45			\$92,095.50	\$1,497,822.20	1,383	\$9,256.75

RECAPITULATION.

CLASS.	Issued to Tax Collector. Amount.	Returned by Tax Collector. Amount.	Sold by Tax Collector. Amount.	Yearly Licenses on Hand with Tax Collector, Amount.
Municipal	\$ 137,552.70	\$19,222.00	\$ 118,330.70	\$
Bankers	65,400.00	40,363.00	25,037.00	
Liquor Dealers	1,200,000.00	12,625.00	1,187,375.00	
Vehicle	54,344.00	13,549.00	31,742.25	9,052.75
Nickel-in-Slot	114,942.00	4,468.00	110,304.00	170.00
Dog Tags	8,100.00	114.00	7,986.00	
Dog Tags, Duplicates	210.00	9.50	200.50	
Street, Railway	5,853.75		5,853.75	
Miscellaneous	12,772.00	1,745.00	10,993.00	34.00
Total	\$1,599,174.45	\$92,095.50	\$1,497,822.20	\$9,256.75

BONDED DEBT OF THE CITY AND COUNTY OF SAN FRANCISCO, JUNE 30, 1908.

3 ½ % SERIAL BONDS, DATED JULY 1, 1904. ISSUED FOR	Bonds Outstanding June 30, 1908.	Interest Required, Fiscal Year, 1908-09.	Annual Sinking Fund, 1908-09.	Amount in Sinking Fund June 30, 1908.
Hospital	\$ 175,000.00	\$ 5,687.50	\$ 25,000.00	\$ 25,838.29
Sewers	181,200.00	3,171.00	181,200.00	187,216.71
Schools	808,200.00	26,715.50	89,800.00	92,808.36
Streets	600,500.00	20,308.75	40,500.00	41,811.55
County Jail and Hall of Justice.....	226,200.00	7,612.50	17,400.00	17,724.63
Library	616,500.00	20,858.25	41,100.00	42,283.17
Playgrounds	684,500.00	23,633.75	18,500.00	19,027.36
Golden Gate Park and Presidio Extension.....	303,400.00	10,475.50	8,200.00	8,513.68
Mission Park	270,100.00	9,323.75	7,300.00	7,662.31
	\$3,865,600.00	\$127,788.50	\$429,000.00	\$442,886.06

***No Bonds issued during Fiscal Year ending June 30, 1908.

LIST OF BONDS REDEEMED, FISCAL YEAR 1907-1908.

	\$100 Bonds.	\$500 Bonds	\$1000 Bonds	Amount.
Hospital	Number. 41 to 60	Number. 21 to 30	Number. 37 to 54	\$ 25,000.00
Sewers	185 to 276	137 to 204	277 to 414	181,200.00
Schools	87 to 129	75 to 111	135 to 201	89,800.00
Streets	41 to 60	23 to 26 & 31 to 45	63 to 93	42,500.00
County Jail and Hall of Justice	19 to 27	11 to 15	29 to 42	17,400.00
Library	43 to 63	29 to 42	65 to 96	41,100.00
Playgrounds	21 to 30	7 to 9	33 to 48	18,500.00
Golden Gate Park and Presidio Extension	15 to 21	15 to 21	9 to 12	8,200.00
Mission Park	17 to 24	7 to 9	11 to 15	7,300.00
				\$431,000.00

AUDITOR

LIST OF BONDS OUTSTANDING, JUNE 30, 1908.

	\$100 Bonds	\$500 Bonds	\$1000 Bonds	Amount.
	Number.	Number.	Number.	
Hospital	61 to 200	31 to 100	55 to 180	\$ 175,000.00
Sewers	277 to 368	205 to 272	415 to 552	181,200.00
Schools	130 to 516	112 to 444	202 to 804	808,200.00
Streets	61 to 360	46 to 270	94 to 551	600,500.00
County Jail and Hall of Justice.....	28 to 144	16 to 80	43 to 224	236,200.00
Library	64 to 378	43 to 252	97 to 576	616,500.00
Playgrounds	31 to 430	10 to 128	49 to 633	684,500.00
Golden Gate Park and Presidio Extension.....	22 to 280	22 to 278	13 to 161	303,400.00
Mission Park	25 to 320	10 to 120	16 to 100	270,100.00
				\$3,865,600.00

*** Amount of Bonds of July 1, 1904, unsold.

June 30, 1908.....\$12,007,400.00

BOND ACCOUNT—GENERAL STATEMENT, FISCAL YEAR 1907-1908.

	Outstanding June 30, 1907.	Redeemed 1907-1908.	Outstanding June 30, 1908.	On Hand Sales of Bonds June 30, 1908, in Treasury.
Hospital	\$ 200,000.00	\$ 25,000.00	\$ 175,000.00	\$ 248,185.34
Sewers	362,400.00	181,200.00	181,200.00	75,662.29
Schools	898,000.00	89,800.00	808,200.00	544,572.83
Streets	643,000.00	42,500.00	600,500.00	213,407.47
County Jail and Hall of Justice	243,600.00	17,400.00	226,200.00	134,714.16
Library	657,600.00	41,100.00	616,500.00	123,497.88
Playgrounds	703,000.00	18,500.00	684,500.00	274,914.00
Golden Gate Park and Presidio Extension	311,600.00	8,200.00	303,400.00	
Mission Park	277,400.00	7,300.00	270,100.00	340.66
	\$4,296,600.00	\$431,000.00	\$3,865,600.00	\$1,615,294.63

COUPON ACCOUNT, FISCAL YEAR, JUNE 30, 1908.

Hospital—			
Coupons due June 30, 1907, and unpaid		\$ 3,500.00	\$ 87.50
Coupons due fiscal year, 1907-08		3,062.50	
			6,562.50
Sewers—			
Coupons paid fiscal year, 1907-08			6,650.00
Coupons due and unpaid June 30, 1908			6,562.50
Coupons No. 4, \$500 Bonds, 11 to 20, 10 Coupons @ \$8.75			\$ 87.50
Sewers—			
Coupons due fiscal year, 1907-08		6,342.00	
		3,171.00	
			9,513.00
Schools—			
Coupons paid fiscal year, 1907-08			9,513.00
Schools—			
Coupons due fiscal year, 1907-08		15,715.00	
		14,143.50	
			29,858.50
Streets—			
Coupons paid fiscal year, 1907-08			29,858.50
Streets—			
Coupons due and unpaid, June 30, 1907			595.00
Coupons due fiscal year, 1907-08		11,217.50	
		10,508.75	
			21,726.25
Streets—			
Coupons paid fiscal year, 1907-08			22,321.25
Coupons due and unpaid, June 30, 1908			22,233.75
Coupon No. 7, \$500 Bonds, Nos. 53 to 56, 68 to 71, 85, 86, 10 Coupons @ \$8.75			87.50
County Jail and Hall of Justice—			
Coupons due fiscal year, 1907-08		4,263.00	
		3,958.50	
			8,221.50
County Jail and Hall of Justice—			
Coupons paid fiscal year, 1907-08			8,221.50

COUPON ACCOUNT, FISCAL YEAR JUNE 30, 1908—Continued.

Library—					
Coupons due fiscal year, 1907-08.....	\$657,600.00	6 months.....	11,508.00		
	616,500.00	6 months.....	10,788.75		
Coupons paid fiscal year, 1907-08.....				22,296.75	
Less Playground's Coupons paid from this Account.....	\$ 22,354.75				
Coupons due and unpaid June 30, 1908. Nos. 6 and 7, \$100 Bonds, Nos. 207 @ \$1.75.....			22,345.75		
			52.50		
				3.50	3.50
Children's Playgrounds—					
Coupons due and unpaid June 30, 1907.....				17.50	
Coupons due fiscal year, 1907-08.....	\$703,600.00	6 months.....	12,302.50		
	684,500.00	6 months.....	11,978.75		
				24,281.25	
				24,298.75	
Coupons paid fiscal year, 1907-08.....					
Add Library Coupons paid from this Account.....			24,246.25		
			52.50		
				24,298.75	
Golden Gate Park and Presidio Extension—					
Coupons due fiscal year, 1907-08.....	\$311,600.00	6 months.....	5,453.00		
	303,400.00	6 months.....	5,309.50		
				10,762.50	
Coupons paid fiscal year, 1907-08.....				10,762.50	
Mission Park—					
Coupons due fiscal year, 1907-08.....	\$277,400.00	6 months.....	4,854.50		
	270,100.00	6 months.....	4,726.75		
				9,581.25	
Coupons paid fiscal year, 1907-08.....				9,581.25	
Total Coupons due and unpaid, fiscal year, 1907-08.....					178.50
Library Coupons overpaid, same as last year.....					26.25

TREASURER'S RECEIPTS.

Treasurer in Cash Account with the Auditor for Moneys Belonging to the City and County of San Francisco, State of California, During the Fiscal Year Ending June 30, 1907-1908.

PURPOSE.	Amount.	
General Fund, 1906-1907—		
From Taxes.....	\$35,372.13	
From Percentage on Street Railways.....	15,500.00	
From Harbor Commissioners, Paving Third Street.....	1,826.15	
General Fund, Special Levy, 1907-1908—		\$ 52,698.28
From Taxes.....		
General Fund, 1907-1908—		746,322.92
From Taxes.....	3,389,710.77	
From Fines, Police Court, Department No. 1.....	12,106.00	
From Fines, Police Court, Department No. 2.....	11,844.00	
From Fines, Police Court, Department No. 3.....	10,181.00	
From Fines, Police Court, Department No. 4.....	9,792.00	
From Fines, Superior Court.....	1,230.00	
From Gas Company, Refunded on Duplicate Demand.....	91.20	
From Sheriff, Board of U. S. Prisoners.....	106.00	
From City and County Licenses.....	1,497,822.20	
From Coroner, Money from Unknown Dead.....	278.93	
From Percentage on Railways.....	19,949.08	
From Fire Commissioners, Damages to Apparatus.....	18.38	
From Juvenile Court, Probation Officer.....	163.00	
From Rents of City Property.....	7,818.00	
From Mayor, Sale of Property.....	1,379.38	
From Alms House, Sales.....	250.88	
From State Commissioner in Lunacy (by Auditor).....	280.00	
From Board of Public Works, Building Permits.....	52,024.00	
From Board of Public Works, Sale of Material.....	2,885.50	
From Board of Public Works, Removal of Obstruction and Debris.....	181.10	
From Supervisors, Money Drawn for Washington, D. C., Trip Abandoned.....	998.00	
From State of California, Taxes Refunded, Sec. 3804, Political Code.....	921.47	
From State of California, 6% on Assessor's Personal Property Collections.....	5,974.64	
From Assessor's Commission on Poll Taxes.....	12,591.10	
From Auditor, Sale of Brass.....	38.40	
From Refund Overpaid Police Department Demand (Lycette).....	46.67	
From Police Department, Sale of Horses.....	229.90	
From Geary Street Railroad, Cost of Street Work.....	22.50	
From Associated Charities, Overpayment.....	156.50	
From State of California, Overpayment by Superintendent on Demand for Preston School.....	18.00	
Common School Fund, Special Levy, 1907-08—		5,039,108.60
From Taxes.....		
Common School Fund—		101,771.32
From Taxes.....	775,505.60	
From Rent of School Property.....	477.40	
From Superintendent, From School Children of U. S. to be Used for Constructing Yerba Buena School.....	27,973.25	
Forward.....	803,956.25	

TREASURER'S RECEIPTS—Continued.

PURPOSE	Amount.	Total.
Forward.....	803,956.25	-
From State Apportionment of School Moneys	564,803.98	
Sale of Material.....	1,486.15	
From Refund Duplicate Demand (Brown & Son)	288.00	
From Insurance on Fifth and Market Property.....	2,000.00	
		1,372,534.38
Teacher's Institute Fund—		
From Examination of Certificates, Fees.....		228.00
Advertising Fund—		
From Board of Public Works.....	5,519.35	
From Board of Supervisors.....	7,083.75	
From Board of Fire Commissioners.....	405.85	
		13,008.95
Library Fund—		
From Taxes.....	64,445.55	
From Fines.....	1,698.05	
From Books lost and paid for.....	379.10	
		66,522.70
Unapportioned Fee Fund—		
From Sheriff.....	38,121.19	
From Auditor.....	53.50	
From Board of Health.....	925.50	
From County Clerk.....	110,041.65	
From Board of Public Works.....	18,540.10	
From Board of Public Works, Chimney Inspection.....	131.00	
From Tax Collector.....	282.00	
From Pound.....	3,887.65	
From Department of Electricity.....	15,511.25	
From Justices' Clerk.....	26,838.25	
From Mayor.....	96.00	
From Police Department.....	1,380.00	
From Recorder.....	85,884.65	
		301,692.74
Park Fund—		
From Taxes.....	300,745.90	
From Contribution for Concerts.....	1,750.00	
From Tait & Co., Stadium Receipts.....	73.55	
From Rent of Boat House.....	275.00	
From Receipts, Beach Chalet.....	915.50	
From Receipts, Children's Playground.....	25,180.35	
From Sale of Animals.....	10.00	
From Japanese Tea Garden.....	550.00	
From Board of Horses, Mounted Police.....	1,973.35	
From Refund, Demand uncalled for.....	100.00	
From Special Track Privileges, U. R. R.....	100.00	
From Motor Cycle.....	110.00	
From Fourth of July Committee.....	75.00	
From Program Privileges.....	1,346.25	
From Sale of Material.....	467.60	
From Warren & Malley, Forfeiture contract....	320.00	
		333,992.50
Police Relief and Pension Fund—		
From Fines of Officers.....	2,358.04	
From Contributions.....	19,666.00	
From Rewards.....	69.00	
		22,093.04
House Moving Fund, Board of Public Works—		
From Permits issued.....		1,345.00
House Moving Fund, Department of Electricity—		
From Permits issued.....		675.00

TREASURER'S RECEIPTS—Continued.

PURPOSE	Amount.	Total.
Duplicate Tax Fund— From Duplicate and Overpayment of Taxes.....		9,128.76
Tearing Up Street Fund— From Permits issued for side sewer openings.....		130,863.17
Mayor's Special Deposit Fund— From Deposit on Lease.....		100.00
Robinson Bequest Interest Fund— From Interest on Loans.....		2,050.00
Assessor's Account— From Personal Property Taxes.....		549,544.21
Windel Bequest Interest Fund— From Interest on Loans.....		966.47
State of California—		
From Taxes.....	1,893,567.06	
From Poll Taxes.....	61,264.20	
From Redemption of Property Sold to State.....	12,198.36	
From Inheritance Taxes.....	176,773.82	
From Maintenance of Minors, Whittier State School.....	737.25	
From Maintenance of Minors, Preston School of Industry.....	10,411.89	
From Maintenance of Minors, Feeble Minded at Glen Ellen.....	24,007.50	
From Sales by State, Sec. 3897.....	4,939.25	
		2,183,899.33
Firemen's Relief Fund— From Taxes.....		36,546.85
Special Permit Fund— From Permits issued.....		49,150.00
Special Badge Fund— From Permits issued.....		140.00
Hospital Bond Redemption Fund— From Taxes.....		24,142.63
Sewer Bond Redemption Fund— From Taxes.....		168,210.68
School Bond Redemption Fund— From Taxes.....		84,099.41
Street Bond Redemption Fund— From Taxes.....		38,801.73

TREASURER'S RECEIPTS—Continued.

PURPOSE	Amount.	Total.
Jail Bond Redemption Fund—		
From Taxes.....		15,538.10
Library Bond Redemption Fund—		
From Taxes.....		36,685.21
Playground Bond Redemption Fund—		
From Taxes.....		17,256.64
Park Extension Bond Redemption Fund—		
From Taxes.....		8,616.45
Mission Park Bond Redemption Fund—		
From Taxes.....		7,753.23
Hospital Bond Interest Fund—		
From Taxes.....		16,870.46
Sewer Bond Interest Fund—		
From Taxes.....		23,894.69
School Bond Interest Fund—		
From Taxes.....		48,251.04
Street Bond Interest Fund—		
From Taxes.....		38,774.03
Jail Bond Interest Fund—		
From Taxes.....		18,931.69
Library Bond Interest Fund—		
From Taxes.....		33,275.75
Playground Bond Interest Fund—		
From Taxes.....		25,415.76
Park Extension Bond Interest Fund—		
From Taxes.....		10,776.52
Mission Park Bond Interest Fund—		
From Taxes.....		9,909.31
Redemption Advertising Fund—		
From Auditor.....	676.70	
From Tax Collector.....	757.50	
Total.....		1,434.20
		<u>11,643,019.80</u>

Note.—See Transfer Entries for amounts transferred.

PAYMENTS BY TREASURER.

FUNDS AND ACCOUNTS.	Amount.	Total.
General Fund, 1907-1908— Demands Paid.....	\$4,375,014.50	
General Fund, 1906-1907— Demands Paid.....	970,256.68	
General Fund, Special Levy— Demands Paid.....	709,798.16	
Common School Fund— Demands Paid.....	1,380,481.15	
Common School Fund, Special Levy— Demands Paid.....	84,973.35	
Teacher's Institute Fund— Demands Paid.....	346.11	
Redemption, Advertising Fund— Demands Paid.....	1,434.20	
Advertising Fund— Demands Paid.....	12,659.56	
Unapportioned Fee Fund— Demands Paid.....	27,430.45	
*Park Fund— Demands Paid.....	309,693.48	
Library Fund— Demands Paid.....	93,733.30	
Police Relief and Pension Fund— Demands Paid.....	74,388.34	
Firemen's Relief Fund— Demands Paid.....	40,777.30	
House Moving Fund, Board of Public Works— Demands Paid.....	1,535.00	
House Moving Fund, Department of Electricity— Demands Paid.....	938.00	
Duplicate Tax Fund— Demands Paid.....	5,399.46	
Tearing Up Streets Fund— Demands Paid.....	137,619.61	
Assessor's Account— Apportioned to Sundry Funds.....	416,210.60	
State of California— Paid in Semi-Annual Settlements.....	2,180,838.07	
Henry Windel Bequest Interest Fund— Demands Paid.....	958.61	
Robinson Bequest Interest Fund— Demands Paid.....	4,100.00	
Forward.....	10,828,585.93	

*\$5,000 paid by Treasurer out of Park Fund should have been Park Memorial Gate Fund.

PAYMENTS BY TREASURER—Continued.

FUNDS AND ACCOUNTS.	Amount.	Total.
Forward.....	10,828,585.93	
Special Permit Fund—		
Demands Paid.....	54,245.00	
Special Badge Fund—		
Demands Paid.....	90.00	
Public Building Hospital Bond Fund—		
Demands Paid.....	471.66	
Public Building Sewer Bond Fund—		
Demands Paid.....	233,314.82	
Public Building School Bond Fund—		
Demands Paid.....	220,472.48	
Public Building Street Bond Fund—		
Demands Paid.....	241,585.83	
Public Building Jail Bond Fund—		
Demands Paid.....	142,586.84	
Public Building Library Bond Fund—		
Demands Paid.....	9,570.62	
Public Building Playground Bond Fund—		
Demands Paid.....	243,665.00	
Public Building Mission Park Bond Fund—		
Demands Paid.....	6.34	
Yerba Buena School Fund—		
Demands Paid.....	393.65	
Hospital Bond Redemption Fund—		
Demands Paid.....	25,000.00	
Sewer Bond Redemption Fund—		
Demands Paid.....	181,200.00	
School Bond Redemption Fund—		
Demands Paid.....	89,800.00	
Street Bond Redemption Fund—		
Demands Paid.....	42,500.00	
Jail Bond Redemption Fund—		
Demands Paid.....	17,400.00	
Library Bond Redemption Fund—		
Demands Paid.....	41,100.00	
Playgrounds Bond Redemption Fund—		
Demands Paid.....	18,500.00	
Park Extension Bond Redemption Fund—		
Demands Paid.....	8,200.00	
Mission Park Bond Redemption Fund—		
Demands Paid.....	7,300.00	
Hospital Bond Interest Fund—		
Demands Paid.....	6,562.50	
Sewer Bond Interest Fund—		
Demands Paid.....	9,513.00	
School Bond Interest Fund—		
Demands Paid.....	29,858.50	
Forward.....	12,451,782.17	

PAYMENTS BY TREASURER.—Continued.

FUNDS AND ACCOUNTS.	Amount.	Total
Forward.....	12,451,782.17	
Street Bond Interest Fund— Demands Paid.....	22,233.75	
Jail Bond Interest Fund— Demands Paid.....	8,221.50	
Library Bond Interest Fund— Demands Paid.....	22,345.75	
Playgrounds Bond Interest Fund— Demands Paid.....	24,246.25	
***Park Extension Bond Interest Fund— Demands Paid.....	15,535.00	
Mission Park Bond Interest Fund— Demands Paid.....	9,581.25	
Telegraph Hill Bond Redemption and Interest Fund— Taxes Refunded.....	3,319.21	
Public Building Salary Fund.....	250.00	
Total.....		12,557,614.88

***Sum of \$4,772.50 paid for judgments.
See transfer entries for amount transferred.

CONDITION OF THE TREASURY, JUNE 30, 1908.

Cash on Hand June 30, 1908, at Credit of the following Funds and Accounts:

FUNDS AND ACCOUNTS.	Amount.	Total
General Fund, Special Levy, 1907-1908.....	\$ 33,774.08	
General Fund, 1906-1907.....	172,834.54	
General Fund, 1907-1908.....	922,887.64	
Common School Fund.....	14,397.14	
Common School Fund, Special Levy, 1907-1908..	16,422.88	
Teacher's Institute Fund.....	320.94	
Advertising Fund.....	1,456.34	
Unapportioned Fee Fund.....	33,052.97	
Park Fund.....	96,018.85	
Library Fund.....	34,258.12	
Police Relief and Pension Fund.....	45,526.63	
House Moving Fund, Board of Works.....	545.00	
House Moving Fund, Department of Electricity..	1,848.41	
Duplicate Tax Fund.....	14,318.29	
Tearing Up Streets Fund.....	31,401.57	
Robinson Bequest Fund.....	50.00	
Robinson Bequest Interest Fund.....	750.00	
Assessor's Account.....	518,874.24	
State of California.....	29,026.31	
Mayor's Special Deposit Fund.....	100.00	
Henri Windel Bequest Interest Fund.....	446.06	
Firemen's Relief Fund.....	17.06	
Special Permit Fund.....	47,296.75	
Special Badge Fund.....	814.00	
Hospital and School Building Fund, 1902-1903...	2,215.22	
Public Building Hospital Bond Fund.....	248,185.34	
Public Building Sewer Bond Fund.....	75,662.29	
Public Building School Bond Fund.....	544,572.83	
Public Building Street Bond Fund.....	213,407.47	
Public Building Jails Bond Fund.....	134,714.16	
Public Building Library Bond Fund.....	123,497.88	
Public Building Playground Bond Fund.....	274,914.00	
Public Building Mission Park Bond Fund.....	340.66	
Public Building Park Extension Bond Fund.....		
Hospital Bond Redemption Fund.....	25,838.29	
Sewer Bond Redemption Fund.....	187,216.71	
School Bond Redemption Fund.....	92,808.36	
Street Bond Redemption Fund.....	41,811.55	
Jail Bond Redemption Fund.....	17,724.63	
Library Bond Redemption Fund.....	42,283.17	
Playgrounds Bond Redemption Fund.....	19,027.36	
Park Extension Bond Redemption Fund.....	8,513.68	
Mission Park Bond Redemption Fund.....	7,662.31	
Telegraph Hill Bond Redemption Fund.....	2,455.79	
Hospital Bond Interest Fund.....	13,539.15	
Sewer Bond Interest Fund.....	18,964.57	
School Bond Interest Fund.....	23,107.41	
Street Bond Interest Fund.....	27,715.27	
Jail Bond Interest Fund.....	14,771.59	
Library Bond Interest Fund.....	21,843.65	
Playgrounds Bond Interest Fund.....	13,136.59	
Park Extension Bond Interest Fund.....	5,332.61	
Mission Park Bond Interest Fund.....	5,063.95	
Park Memorial Gate Fund.....	5,000.00	
Yerba Buena School Fund.....	27,579.60	
	\$4,265,343.91	
Less A. C. Widber Deficiency Account.....	13,964.16	
Total.....		\$4,251,379.75

BALANCE.

Cash on Hand July 1, 1907.....	\$5,165,974.83		
Receipts During Fiscal Year 1907-1908.....	11,643,019.80		
		16,808,994.63	
Payments During Fiscal Year 1907-1908.....		12,557,614.88	
Balance on hand July 1, 1908.....			\$4,251,379.75

PUBLIC MONEYS ON DEPOSIT IN BANKS, JUNE 30, 1908.

Subject to Withdrawal on Demand of Treasurer.

Rate of Interest 2% on Daily Balances.

Bonds of the United States, State of California, and City and County of San Francisco, held as security, together with receipts, are carried and counted as cash.

	Amount.	Total.
Merchants National Bank.....	\$ 65,000.00	
French-American Bank.....	125,000.00	
Total.....		\$190,000.00

TRANSFER ENTRIES.

FUNDS AND ACCOUNTS.		
From General Fund, 1907-1908.....	\$ 887,881.00	
To Assessor's Account		300,000.00
To Police Relief and Pension Fund.....		77,881.00
To Public Building Playgrounds Fund.....		350,000.00
To General Fund, 1906-1907.....		10,000.00
To Public Building, Hospital Fund.....		150,000.00
From General Fund, 1906-1907.....	142,333.30	
To General Fund, 1907-1908.....		100,000.00
To Firemen's Relief Fund.....		3,300.00
To Library Fund		4,033.30
To Common School Fund.....		35,000.00
From Unapportioned Fee Fund.....	264,814.94	
To General Fund, 1906-1907.....		19,645.08
To General Fund, 1907-1908.....		243,924.88
To Police Relief and Pension Fund.....		1,245.00
From General Fund, Special Levy.....	477,750.68	
To General Fund, 1907-1908.....		2,750.68
To Public Building, Playground Bond Fund.....		205,000.00
To Public Building, Sewer Bond Fund.....		70,000.00
To Public Building, Jail Bond Fund.....		200,000.00
From General Fund, 1905-1906.....	12,951.08	
To General Fund, 1906-1907.....		12,951.08
From Police Relief and Pension Fund.....	11,500.00	
To General Fund, 1906-1907.....		11,500.00
From Assessor's Account.....	396,000.00	
To Common School Fund.....		85,000.00
To Firemen's Relief Fund.....		11,000.00
To General Fund, 1907-1908.....		300,000.00
From Park Fund.....	40,000.00	
To Public Building, School Fund.....		40,000.00
From Advertising Fund.....	4,000.00	
To General Fund, 1906-1907.....		4,000.00
From Common School Fund, Special Levy.....	30,375.09	
To Common School Fund.....		375.09
To Public Building, School Bond Fund.....		30,000.00
From Common School Fund.....	682,973.25	
To Yerba Buena School Fund.....		27,973.25
To Assessor's Account		85,000.00
To Public Building, School Bond Fund.....		570,000.00
From Firemen's Relief Fund.....	24,500.00	
To Assessor's Account		11,000.00
To Public Building, Hospital Bond Fund.....		3,000.00
To Public Building, School Bond Fund.....		500.00
To Public Building, Library Bond Fund.....		10,000.00

TRANSFER ENTRIES.—Continued.

FUNDS AND ACCOUNTS.		
From Public Building, Library Bond Fund.....	10,000.00	
To Firemen's Relief Fund.....		10,000.00
From Public Building Hospital Bond Fund.....	153,000.00	
To General Fund, 1907-1908.....		150,000.00
To Firemen's Relief Fund.....		3,000.00
From Public Building Sewer Bond Fund.....	70,000.00	
To General Fund, Special Levy.....		70,000.00
From Public Building School Bond Fund.....	600,000.00	
To Common School Fund, Special Levy.....		30,000.00
To Common School Fund.....		530,000.00
To Park Fund.....		40,000.00
From Public Building, Street Bond Fund.....	34,681.17	
To General Fund, 1906-1907.....		4,681.17
To Public Building, Jail Bond Fund.....		30,000.00
From Public Buildings, Playground Bond Fund....	555,000.00	
To General Fund, 1907-1908.....		350,000.00
To General Fund, Special Levy.....		205,000.00
From Public Building, Park Extension Bond Fund	75.00	
To Public Building, Street Bond Fund.....		75.00
From Public Building Jail Bond Fund.....	230,000.00	
To Public Building, Street Bond Fund.....		30,000.00
To General Fund, Special Levy.....		200,000.00
From Hospital Bond Redemption Fund.....	2,531.33	
To General Fund, 1906-1907.....		2,531.33
From Sewer Bond Redemption Fund.....	10,206.46	
To General Fund, 1906-1907.....		10,206.46
From School Bond Redemption Fund.....	6,454.65	
To General Fund, 1906-1907.....		6,454.65
From Street Bond Redemption Fund.....	3,889.59	
To General Fund, 1906-1907.....		3,889.59
From Jail Bond Redemption Fund	951.89	
To General Fund, 1906-1907.....		951.89
From Library Bond Redemption Fund.....	1,636.10	
To General Fund, 1906-1907.....		1,636.10
From Playgrounds Bond Redemption Fund.....	1,597.69	
To General Fund, 1906-1907.....		1,597.69
From Park Extension Bond Redemption Fund....	1,074.44	
To General Fund, 1906-1907.....		1,074.44

TRANSFER ENTRIES.—Continued.

FUNDS AND ACCOUNTS.		
From Mission Park Bond Redemption Fund.....	1,554.79	
To General Fund, 1906-1907.....		1,554.79
From Hospital Bond Interest Fund.....	18,314.19	
To General Fund, 1906-1907.....		18,314.19
From Sewer Bond Interest Fund.....	155,290.68	
To General Fund, 1906-1907.....		155,290.68
From School Bond Interest Fund.....	63,375.07	
To General Fund, 1906-1907.....		63,375.07
From Street Bond Interest Fund.....	33,762.78	
To Park Bond Interest Fund.....		2,425.10
To General Fund, 1906-1907.....		31,337.68
From Jail Bond Interest Fund.....	10,315.45	
To General Fund, 1906-1907.....		10,315.45
From Library Fund Interest Fund.....	24,324.84	
To General Fund, 1906-1907.....		24,324.84
From Playgrounds Bond Interest Fund.....	3,988.05	
To General Fund, 1906-1907.....		3,988.05
From Park Extension Bond Interest Fund.....	5.55	
To General Fund, 1906-1907.....		5.55
From Mission Park Bond Interest Fund.....	1,736.06	
To Park Bond Interest Fund.....		80.00
To General Fund, 1906-1907.....		1,656.06
Total.....	4,968,845.12	\$4,968,845.12

TREASURER IN CASH ACCOUNT WITH THE AUDITOR FOR MONEYS BELONGING TO STATE OF CALIFORNIA

FISCAL YEAR 1907-1908.

Cr.

Dr.

To Amount Paid State Treasurer.....	\$2,173,833.96	By Cash on Hand July 1, 1907.....	\$ 25,965.05
To Treasurer's Mileage.....	108.00	By Taxes Received.....	1,893,567.06
To Assessor's Commissions, 6% on Personal Taxes.....	5,974.64	By Maintenance Juveniles at Whittier School.....	737.25
To State's Portion Refunded Taxes.....	921.47	By Maintenance Juveniles at Preston School.....	10,411.89
Balance on Hand July 29, 1908.....	29,026.31	By Maintenance Juveniles Home Feeble Minded.....	24,007.50
		By Sales, Sec. 3897.....	4,939.25
		By Redemption of Property Sold to State.....	12,198.36
		By Inheritance Taxes.....	176,773.82
		By Poll Taxes.....	61,264.20
	<u>\$2,209,864.38</u>		
			<u>\$2,209,864.38</u>

STATEMENT OF POLL TAXES FOR FISCAL YEAR 1907-1908.

Sold by Washington Dodge, Assessor—		
106 Poll Tax Receipts, Account of 1907		
@ \$3.00	\$ 318.00	
15% Commission	47.70	
		\$ 270.30
35,877 Poll Tax Receipts, Account of 1908		
@ \$2.00	\$71,754.00	
15% Commission	10,763.10	
		\$60,990.90
Sold by David Bush, Tax Collector—		
1 Poll Tax, Delinquent, @ \$4.00	\$4.00	
25% Commission	1.00	
		3.00
Total Due State, Account Poll Taxes....		\$61,264.20

TAX COLLECTOR IN ACCOUNT WITH AUDITOR.

STATEMENT OF TAXES FOR FISCAL YEAR 1907-1908.

Cr.

Dr.

To City and County and State Real Estate Roll —Taxes of 1907.....	\$6,091,183.66	By Cash Paid City and County Treasurer, Taxes and Penalties.....	\$7,508,444.67
To City and County and State Personal Prop- erty Roll—Taxes of 1907.....	1,483,566.14	By City and County Property Exempt from Tax- ation.....	1,045.70
To Additional Charge, Taxes overpaid by tax- payers.....	39.38	By Property Assessed to Regents of University Property Assessed to California School of Mechanical Arts.....	1,171.80
To Penalties Collected.....	13,860.77	By Property Assessed to State Normal School.....	1,784.86
		By Section 3805 Political Code Withdrawn from Sale.....	483.60
		By Partial Payments, Amount still Due.....	6,503.87
		By Property Sold to State, Taxes of 1907.....	126.34
		By Property Sold to State, Taxes Previous years.....	19,908.96
		By Net Reduction by Assessor.....	4,168.38
		By Delinquent Taxes, City and County and State.....	15,199.50
			29,812.27
			\$7,588,649.95
	\$7,588,649.95		

APPORTIONMENT OF TAXES, FISCAL YEAR 1907-1908.

Dr.

Cr.

To State Railroad Taxes of 1907.....	\$ 3,252.82	By General Fund, 1907-1908.....	\$3,389,710.77
To City and County's Portion of Redemption of Property sold to State.....	34,388.18	By General Fund, 1906-1907.....	35,372.13
To City and County's Portion of Property sold for State, Section 3897.....	10,886.63	By General Fund, Special Levy.....	746,322.92
To Personal Property Taxes, 1907, Unsecured by Real Estate Col- lected by Assessor.....	416,210.60	By Common School Fund.....	775,505.60
To Taxes and Penalties, etc., Col- lected by Tax Collector during Fiscal Year, 1907-1908.....		By Park Fund.....	101,771.32
Less Amount Taxes and Penalties Collected in June, 1908, paid to Treasurer and Apportioned in Fiscal Year, 1908-1909.....	74,424.28	By Library Fund.....	300,745.90
To Taxes Collected in June, 1907, by Tax Collector and paid to Treasurer and Apportioned in Fiscal Year, 1907-1908.....		By Firemen's Relief Fund.....	64,445.55
To Amounts of Costs Collected by Tax Collector and Apportioned to General Fund during 1907- 1908.....		By Hospital Bond Redemption Fund.....	36,546.85
		By Sewer Bond Redemption Fund By School Bond Redemption Fund By Street Bond Redemption Fund By Jail Bond Redemption Fund By Library Bond Redemption Fund By Playground Bond Redemption Fund.....	24,142.68 168,210.68 84,099.41 38,801.73 15,538.10 36,685.21
	7,437,621.42	By Park Extension Bond Redemp- tion Fund.....	17,256.64
	66,893.83	By Mission Park Bond Redemp- tion Fund.....	8,616.45
	1,938.00	By Hospital Bond Interest Fund.....	7,753.23
		By Sewer Bond Interest Fund.....	16,870.46
		By School Bond Interest Fund.....	23,894.69
		By Street Bond Interest Fund.....	48,251.04
		By Jail Bond Interest Fund.....	38,774.03
		By Library Bond Interest Fund.....	18,931.69
		By Playground Bond Interest Fund.....	33,275.75
		By Park Extension Bond Interest Fund.....	25,415.76
		By Mission Park Bond Interest Fund.....	10,776.52
		State of California.....	9,909.31
			1,893,567.06
	\$7,971,151.48		
			7,971,151.48

SUMMARY OF TAXES COLLECTED AND PAID INTO THE TREASURY
DURING THE FISCAL YEAR, 1907-1908.

	Taxes.	Penalties.	Total.
1907—City and County and State Real Estate and Personal Property Taxes.....	\$7,494,583.90	\$13,860.77	\$7,508,444.67
1906—City and County and State Real Estate and Personal Property Taxes.....	3,189.28	343.64	3,532.92
1905—City and County and State Real Estate and Personal Property Taxes.....	66.36	.35	66.71
1892—City and County and State Real Estate and Personal Property Taxes.....	1.40		1.40
Total	\$7,497,840.94	\$14,204.76	\$7,512,045.70

RECAPITULATION.

TOTAL AMOUNT COLLECTED BY TAX COLLECTOR, YEAR 1907-1908.

From City and County and State Real Estate Taxes, 1907, first installment.....	\$3,029,006.98	
From City and County and State Real Estate Taxes, 1907, second installment.....	3,021,717.92	
From City and County and State Personal Property Taxes, 1907, secured.....	1,236,030.19	
From City and County and State Personal Property Taxes, 1907, unsecured.....	207,828.81	
Proceeds of Property sold for the State of California (inc. \$757.50 paid for costs of advertising).....	16,583.38	
Penalties on Taxes of 1907.....	13,860.77	
Taxes and Penalties of Previous Years.....	2,232.00	
Costs from Taxes of 1907.....	2,333.00	
***Duplicate and Overpayment of Taxes.....	9,033.76	
Sale of Poll Tax.....	4.00	
Re-assessment of Taxes of 1906 on Roll of 1907	1,369.03	
Costs from Taxes of Previous Year (inc. \$282.00 fees for Deeds issued).....	338.50	
Total		\$7,540,338.34

***Difference of \$95 from Treasurer's Receipts is explained by Treasurer crediting June Receipts to July of next year.

SUMMARY OF AUDITOR'S ANNUAL REPORT, 1907-1908.

	Salaries.	Wages, Services, etc.	Material Supplies and Miscellaneous Items.	Fees, Judgments and Refunds.	Total Demands Audited.
Total Amount of Demands Audited, Fiscal Year 1907-1908.....	\$3,016,517.91	\$2,538,660.24	\$4,546,919.34	\$266,051.42	\$10,368,148.93

	Demands Outstanding June 30, 1907	Demands Audited 1907-1908.	Total.	*Demands Paid 1907-1908.	Demands Cancelled 1907-1908.	Demands Outstanding June 30, 1908
Total Amount of Demands Audited, Paid and Outstanding, Fiscal Year, 1907-1908.....	\$ 681,401.18	\$10,368,148.93	\$11,049,550.11	\$9,960,566.21	\$7,064.46	\$1,081,919.44

*Does not include amount paid to the State of California for Taxes, etc., and Assessor's Account, Personal Taxes Apportioned to Sundry Funds.

ASSESSED VALUE OF PROPERTY AND AMOUNT OF TAX LEVIED—FISCAL YEAR 1908-09.

Valuation of Real Estate.....	\$258,651,434.00	
Valuation of Improvements.....	90,860,558.00	
Total Value of Real Estate and Improvements.....	\$349,511,992.00	
Value of Money and Solvent Credits.....	35,180,615.00	
Value of Personal Property.....	69,640,553.00	
Total Value of Property.....		\$454,334,160.00

Rate of Taxation, City and County Purposes \$1.50 on each \$100 assessed value.
 Rate of Taxation, State Purposes..... 0.40 on each 100 assessed value.

Total Rate.....\$1.90 on each \$100 assessed value.

Total Tax Levied..... \$8,632,817.59

	Amount Issued to Tax Collector	Amount Returned by Tax Collector	Amount Sold by Tax Collector	Yearly Licenses on Hand with Tax Collector
Auditor's Account with Tax Collector of Licenses for Fiscal Year, 1907-1908.....	\$1,599,174.45	\$92,095.50	\$1,497,822.20	\$9,256.75

CONDITION OF THE TREASURY.

Cash on Hand July 1, 1907.....	\$ 5,165,974.83	
Receipts During Fiscal Year, 1907-1908.....	11,643,019.80	\$16,808,994.63
Total.....		12,557,614.88
Payments During Fiscal Year, 1907-1908.....		
Balance on Hand June 30, 1908.....		\$4,251,379.75

Receipts and Apportionment of Taxes of Different Funds, 1907-08.....\$7,971,191.48
 Receipts from Revenues other than Taxes..... 3,671,828.32

STATEMENT OF THE BONDED DEBT OF THE CITY AND COUNTY OF
SAN FRANCISCO, JUNE 30, 1908.

Bonds Outstanding June 30, 1907.....	\$4,296,600.00	
Bonds Redeemed, 1907-1908.....	431,000.00	
Bonds Outstanding, June 30, 1908.....		\$3,865,600.00
Amount in Sinking Fund, June 30, 1908.....	442,886.06	
Annual Sinking Fund, 1908-1909.....	429,000.00	
Interest Required Fiscal Year, 1908-1909.....	127,788.50	
Amount of Bonds of July 1, 1904, unsold June 30, 1908.....	12,007,400.00	
Amount of Cash on Hand in Treasury, June 30, 1908, from sale of Bonds.....	1,615,294.63	

TOTAL EXPENDITURES OF DEPARTMENTS.

Almshouse.....	\$ 67,105.25	
Assessor.....	101,950.48	
Auditor.....	34,877.76	
Board of Health.....	77,782.40	
Board of Public Works.....	2,229,462.11	
Bond Issue of 1904.....	582,436.71	
City and County Hospital.....	116,608.78	
City Attorney.....	37,942.19	
Civil Service Commission.....	10,256.81	
Coroner.....	25,813.98	
County Clerk.....	132,830.42	
District Attorney.....	55,796.47	
Department of Elections.....	135,322.27	
Department of Electricity.....	101,117.98	
Emergency Hospital.....	54,396.29	
Fire Department.....	1,015,750.15	
Grand Jury.....	11,075.45	
Hospital Service for Indigents.....	100,946.58	
Jails.....	179,979.76	
Justices Courts.....	31,782.46	
Juvenile Court.....	7,973.91	
Law Library.....	4,827.86	
Leper Hospital.....	9,286.34	
Maintenance of Minors, etc.....	109,399.06	
Mayor.....	27,642.75	
Model Camp, Ingleside.....	10,195.58	
Municipal Supply.....	28,654.16	
Parks and Squares.....	322,885.04	
Playgrounds.....	290,263.31	
Police Department.....	1,193,153.29	
Police Courts.....	25,061.18	
Police Boat.....	13,140.07	
Public Pound.....	6,543.00	
Public Library.....	97,181.79	
Recorder.....	69,881.97	
Sheriff.....	127,971.45	
Smallpox Hospital.....	6,442.88	
Special Sanitation.....	181,711.47	
Supervisors, including Water, Light, etc.....	590,717.56	
Superior Court.....	116,228.00	
Schools.....	1,915,713.03	
Teachers' Institute Fund.....	338.86	
Tax Collector.....	84,481.88	
Treasurer.....	25,240.19	
		10,368,148.93

San Francisco, California, April 25, 1908.

To the Honorable, The Board of Supervisors, City and County of San Francisco.

Gentlemen: In compliance with Article III, Chapter I, Section 2 of the Charter of the City and County of San Francisco, I have the honor to transmit herewith an estimate of the probable expenditure of the City and County government for the next ensuing fiscal year, the amount required to meet the interest and sinking funds of all outstanding debts, the amount necessary to be apportioned to each fund in the City Treasury, and also an estimate of the amount of revenue to be derived from sources other than taxes.

I desire to call attention to the statutory increases in the Urgent Necessity Fund, the salary roll of the Police and Fire Departments and the Department of Electricity, in accordance with amendments of the Charter passed at the last general election.

Attention is also called to the sum set aside for salaries for teachers in the Public Schools, which sum is only sufficient to pay the teachers at their present salaries together with the raise for the Primary and Grammar school teachers granted in the last budget, and will not permit in the increase in the number of teachers as requested by the Board of Education.

In comparison with the salaries of other municipal employees the school teachers are underpaid, and I respectfully recommend that a further increase be granted them.

The sanitary condition and lack of proper fire escapes in our public school buildings demands immediate attention.

I have not provided any funds for the continuation of the present sanitary measures as I believe this matter should be left to the action of your Honorable Board, and if deemed necessary, should be made the subject of a special tax.

I also recommend that the next budget be made in sufficient detail to enable this office to keep a proper check on all expenditures, and that the following items be not controlled by the One-Twelfth Act.

Interment of ex-U. S. Soldiers and Sailors.
 Fourth of July.
 Memorial Day.
 Grand Jury Expenses.
 Urgent Necessity.
 Maintenance of Minors.
 Auditor, Computing Assessment Roll.
 Assessor, Extra Deputies.
 Tax Collector, Extra Deputies.
 Delinquent Tax List.
 Court Orders.
 Special Counsel.
 Jury Expenses.
 Witness Fees.
 Burial of Indigent Dead.
 Registration and Election Expenses.
 Premiums on Official Bonds.

In the estimate of revenues from other sources are the following appropriations which have not been used and which will become a surplus at the end of the fiscal year:

Geary Street Railroad Fund.....	\$395,000.00
Interest provided for bonds, not sold.....	75,000.00
Installing general system of Public Accounting....	25,000.00

Respectfully,

JNO. A. KOSTER.

Auditor.

AUDITOR'S ESTIMATE OF PROBABLE EXPENDITURES AND REVENUES
FOR FISCAL YEAR 1908-1909.

GENERAL FUND.

	Amount.	Total.
Supervisors—		
Eighteen Supervisors.....	\$ 21,600.00	
Clerk.....	3,600.00	
Chief Assistants.....	17,100.00	
Expert Accountant.....	3,000.00	
Telephone Operators, (two).....	1,680.00	
Sergeant-at-Arms.....	1,200.00	
Chauffeur (Finance Committee).....	1,500.00	
		49,680.00
Finance Committee—		
For Examining Books, Accounts and Pro- ceedings of Public Offices, also Exam- ining Books and Persons of Corporations having dealings with the City Govern- ment and for Investigating Claims against the City and County.....		3,000.00
Clerks, Board of Equalization.....		600.00
Advertising Ordinances, Resolutions, etc., for Municipal Departments.....		30,000.00
Furniture, Fixtures and Typewriting Machines for Public Offices.....		21,500.00
Printing Law and Motion Calendar of Superior Court, Decisions of Supreme Court and Journal of Proceedings of the Board of Supervisors, etc.....		3,300.00
Interment of Deceased ex-Union Soldiers and Sailors.....		3,500.00
Lighting Streets and Public Buildings.....		320,000.00
Maintenance, Public Pound (Impounding and maintaining animals).....		12,000.00
Municipal Reports, compiling, printing, etc.....		3,000.00
Stationery for Public Offices.....		32,000.00
Rebinding Books and Directories.....		2,100.00
Stationery for Assessor.....		4,000.00
Examination of Insane Persons.....		5,000.00
Expenses, Investigating Water Supply.....		5,000.00
Celebration, Fourth of July.....		2,500.00
Observance of Memorial Day.....		500.00
Grand Jury Expenses, Stenographer, etc.....		1,800.00
Grand Jurors Fees.....		10,000.00
Urgent Necessities—		
Miscellaneous expenses, not otherwise pro- vided for; Incidentals for different de- partments, extra clerical services, con- tingent expenses, transportation, etc.....		100,000.00
Water for Municipal Purposes—		
Buildings.....	18,000.00	
Hydrants.....	52,000.00	
Streets.....	6,000.00	
Copying of Water Rates.....	700.00	
		76,700.00
Maintenance of Minors at Magdalen Asylum.....		9,000.00
Maintenance of Minors at Non-Sectarian Schools.....		45,000.00
Maintenance of Minors at Feeble-Minded Home..		22,000.00
Maintenance of Minors at State Schools.....		11,000.00
Maintenance of Minors at Juvenile Home.....		5,000.00
Maintenance of Criminal Insane.....		1,000.00

AUDITOR'S ESTIMATE OF PROBABLE EXPENDITURES AND REVENUES
FOR FISCAL YEAR 1908-1909.—Continued.

	Amount.	Total.
Maintenance of Institutions for Care of In- digents—		
City and County Hospital—		
Warden.....	2,400.00	
Resident Physician.....	1,800.00	
Ward Tender.....	1,500.00	
Commissary.....	1,500.00	
Druggists.....	1,800.00	
Clerks.....	2,400.00	
Messenger.....	900.00	
Watchman.....	2,100.00	
Engineers.....	1,200.00	
X-ray Operator.....	300.00	
Ambulance Driver.....	1,080.00	
Steward.....	600.00	
Morgue Tender.....	600.00	
Housekeeper.....	600.00	
Waiters.....	2,100.00	
Helpers.....	1,200.00	
Pantrymen.....	1,200.00	
Laundrymen.....	3,600.00	
Laborers.....	600.00	
Orderlies.....	1,800.00	
Bakers.....	1,200.00	
Butchers.....	600.00	
Cooks.....	3,600.00	
Mechanics.....	1,200.00	
Nurses, etc.....	9,000.00	
Matron.....	720.00	
Instructors.....	1,500.00	
Surgical Dresser.....	900.00	
		48,000.00
Subsistence, City and County Hospital—		
Meats, Poultry and Fish.....	10,000.00	
Groceries.....	20,000.00	
Milk.....	7,500.00	
Fruits and Vegetables.....	3,000.00	
Dry Goods.....	3,500.00	
Crockery and Glassware.....	1,000.00	
Furniture and Carpets.....	4,000.00	
Ice.....	900.00	
Laundry Supplies.....	750.00	
Kitchen Utensils and Repairs.....	1,000.00	
Tobacco.....	250.00	
Petty Expenses.....	200.00	
Stable Supplies.....	1,500.00	
Drugs and Chemicals.....	7,500.00	
Surgical Instruments and Repairs.....	2,400.00	
Rubber Goods.....	1,000.00	
Wines and Liquors.....	1,500.00	
Wagon Repairs and Blacksmithing.....	500.00	
Fuel.....	5,000.00	
Miscellaneous Items.....	10,000.00	
		81,500.00
Alms House—		
Warden.....	2,400.00	
Matron.....	720.00	
Resident Physician.....	1,620.00	
Commissary.....	1,200.00	
Clerks.....	1,200.00	
Cooks.....	4,500.00	
Bakers.....	1,200.00	
Shoemaker.....	660.00	
Tailor.....	720.00	
Laundrymen.....	1,200.00	

AUDITOR'S ESTIMATE OF PROBABLE EXPENDITURES AND REVENUES
FOR FISCAL YEAR 1908-1909.—Continued.

	Amount.	Total.
Farmers.....	1,800.00	
Furniture Repairers and General Mechanics, Engineers.....	2,400.00	
Teamsters.....	2,500.00	
Nurses.....	7,000.00	
		29,120.00
Subsistence, Alms House—		
Cordage.....	300.00	
Drugs and Medicines.....	1,200.00	
Kitchen Furniture and Boiler Repairs.....	750.00	
Dry Goods and Clothing.....	5,000.00	
Fuel and Oils.....	7,500.00	
Forage.....	5,000.00	
Fruits and Vegetables.....	2,000.00	
Furniture and Carpets.....	4,000.00	
Groceries.....	22,500.00	
Meats, Poultry and Fish.....	14,000.00	
Milk and Cream.....	7,000.00	
Harness and Repairs.....	750.00	
Engineer's Supplies.....	400.00	
Hardware and Electric Supplies.....	1,500.00	
Horseshoeing.....	600.00	
Ice.....	500.00	
Liquors.....	2,000.00	
Tobacco.....	1,500.00	
Wagons and Repairs.....	1,000.00	
Sundries.....	9,000.00	
Hose and Rubber Goods.....	1,000.00	
		86,000.00
Mayor—		
Office Salaries.....	10,500.00	
Contingent Expenses.....	3,600.00	
		14,100.00
Chauffeur.....	1,500.00	1,500.00
Incidentals.....	1,000.00	1,000.00
Auditor, Attorney, Clerks, Assistant Clerks and Stenographer (present force).....	25,300.00	25,300.00
License Blanks, Tags and Numbers.....		3,000.00
Experting, Extending Valuations, Computing Taxes and Penalties, Settlement with Tax Collector and State Controller, etc.		8,000.00
Incidentals.....		200.00
Assessor—		
Salaries, Assessor, Deputies and Cashier.....	48,200.00	
Extra Clerks.....	46,000.00	
Field Deputies' Expenses.....	1,000.00	
		95,200.00
Recorder—		
Salaries—Recorder and Deputies.....	8,400.00	
Folio Clerks (32).....	38,400.00	
Machinist.....	1,200.00	
Extra Employees, Index Clerks, Extra Deputies.....	14,400.00	
Messenger.....	900.00	
		63,300.00
Coroner—		
Salaries—Coroner, Autopsy Physician, Dep- uties, Stenographer, Messenger, Matron, Hostler and Extra Employees.....	19,600.00	

AUDITOR'S ESTIMATE OF PROBABLE EXPENDITURES AND REVENUES
FOR FISCAL YEAR 1908-1909.—Continued.

	Amount.	Total.
Expense—Photo of Unknown Dead, Recovery of Bodies from Bay, Horseshoeing, etc., Baskets, Dry Goods, Petty Expenses, Forage, Wagon Repairs, Drugs and Chemicals, Harness, Laundry....	3,000.00	
Transportation of Juries for Inspection of Crime.....	500.00	
		22,600.00
Tax Collector—		500.00
Salaries—Tax Collector, Deputies, Cashier....	31,300.00	
Extra Clerks.....	36,000.00	
Horse and Buggy Hire.....	540.00	
Publishing Delinquent Tax List.....	2,400.00	
		70,240.00
Treasurer—		
Salaries—Treasurer, Deputies and Clerks....	11,200.00	
Bookkeepers.....	3,900.00	
Extra Clerks.....	3,300.00	
		18,400.00
Superior Court—		
Salaries—Judges.....	36,000.00	
Secretary to Judges.....	1,800.00	
Judges' Reporter Fees.....	18,000.00	
		37,800.00
Miscellaneous Court Orders.....	10,000.00	
		18,000.00
Court Interpreters (7).....	8,400.00	
		8,400.00
Police Court—		
Salaries—Judges.....	14,400.00	
Stenographer.....	9,600.00	
		24,000.00
Justices' Court—		
Salaries—Justices.....	18,000.00	
Justices' Clerks and Messengers.....	8,400.00	
		26,400.00
Law Library—		
Salary—Librarian.....	2,400.00	
Librarian's Messenger.....	1,080.00	
		3,480.00
City Attorney—		
Salaries—City Attorney.....	5,000.00	
City Attorney Assistants.....	18,600.00	
City Attorney Clerks.....	2,700.00	
City Attorney Messenger.....	900.00	
Stenographer.....	1,800.00	
Defense of S. V. W. Co.'s Suit.....	5,000.00	
Printing Transcripts, etc.....	500.00	
		34,500.00
District Attorney—		
Salaries—District Attorney.....	5,000.00	
Assistants.....	26,400.00	
Warrant and Bond Clerk.....	2,400.00	
Warrant and Bond Clerk Assistants.....	6,600.00	
District Attorney, Bookkeeper.....	1,200.00	
Clerks, District Attorney.....	3,000.00	
Messenger, District Attorney.....	1,500.00	
Stenographer, District Attorney.....	900.00	
		47,000.00
Contingent Expenses.....	75,000.00	
		75,000.00

**AUDITOR'S ESTIMATE OF PROBABLE EXPENDITURES AND REVENUES
FOR FISCAL YEAR 1908-1909.—Continued.**

	Amount.	Total.
County Clerk—		
Salaries—County Clerk.....	4,000.00	
Chief Register Clerk.....	2,400.00	
Cashier.....	1,800.00	
Courtroom Clerks (12).....	18,000.00	
Register Clerks (5).....	9,000.00	
Register Clerks Assistants (10).....	15,000.00	
Copyists (16).....	19,200.00	
Clerks of Police Court (4).....	6,000.00	
Messenger.....	1,200.00	
Extra Employees, Copyists (11).....	13,200.00	
Extra Employees, Clerks (5).....	6,000.00	
		95,800.00
Printing Transcript on Appeal.....	2,000.00	
		2,000.00
Jury Fees, Criminal Cases.....	20,000.00	
Witness Expenses, Criminal Cases.....	5,000.00	
		25,000.00
Sheriff—		
Salaries—Sheriff.....	8,000.00	
Under Sheriff.....	2,400.00	
Attorney.....	1,800.00	
Chief Bookkeeper.....	1,800.00	
Assistant Bookkeepers (2).....	3,000.00	
Office Deputies (10).....	15,000.00	
Bailiffs (14).....	16,800.00	
Chief Jailer.....	1,800.00	
Superintendent of Jails.....	1,800.00	
Matron.....	900.00	
Commissary.....	1,500.00	
Van Driver.....	900.00	
Guards (2).....	13,200.00	
Jailers (10).....	12,000.00	
Bookkeeper for Jails.....	1,500.00	
Extra Van Driver.....	900.00	
Extra Cooks (2).....	1,800.00	
Stenographer.....	900.00	
		86,000.00
Subsistence of Prisoners at County Jails....	45,000.00	
		45,000.00
Horsekeeping, Shoeing and Incidentals.....	1,500.00	
		1,500.00
Police Department—		
Salaries—Commissioners (4).....	4,800.00	
Secretary to Commissioners and License Clerk.....	1,500.00	
Stenographer.....	1,800.00	
Surgeon.....	1,500.00	
Chief of Police.....	4,000.00	
Chief Clerk to Chief of Police.....	2,400.00	
Property Clerk.....	2,400.00	
Captain of Detectives.....	3,000.00	
Captains of Police (7).....	16,800.00	
Lieutenants of Police (14).....	26,880.00	
Detective Sergeants (25).....	45,000.00	
Sergeants of Police (46).....	77,280.00	
Corporal of Police (21).....	32,760.00	
Patrolmen (647).....	947,208.00	
Patrol Drivers (26).....	31,200.00	
Hostlers (2).....	2,280.00	
Cooks.....	1,080.00	
Patrons (3).....	2,160.00	
Telephone Operators (3).....	1,800.00	

AUDITOR'S ESTIMATE OF PROBABLE EXPENDITURES AND REVENUES
FOR FISCAL YEAR 1908-1909.—Continued.

	Amount.	Total.
Contingent Expenses.....	8,000.00	
Subsistence and Supplies.....	7,000.00	
Police Patrol Expenses.....	31,700.00	
		1,252,548.00
For Purchase of Horses and Horse Equip- ment, Police Patrol.....		15,000.00
Police Patrol, Maintenance Police Boat.....		3,600.00
Police Patrol, Engineers for Police Boat.....		4,500.00
Running Expenses, Automobile Service.....		3,000.00
Photo, Laundry Work and Fuel.....		1,500.00
Police Pensions.....		75,000.00
Health Department—		
Salaries—Health Officer.....	3,000.00	
Clerks, Office.....	6,840.00	
Messenger.....	1,380.00	
Stenographers (2).....	1,800.00	
Telephone Operator.....	600.00	
Sanitary Inspectors (5).....	7,620.00	
Factory Inspector.....	1,200.00	
Plumbing Inspectors (5).....	7,920.00	
Food Inspectors (2).....	2,400.00	
Market Inspectors (5).....	6,000.00	
Dairy Inspectors (2).....	2,400.00	
Industrial Inspector.....	1,200.00	
Disinfectant Inspector.....	900.00	
Disinfectors (2).....	2,400.00	
Bacteriologist.....	2,400.00	
Toxicologist.....	1,200.00	
City Physician.....	3,000.00	
Chemist and Helpers in Laboratory.....	4,200.00	
		56,460.00
Expenses, Transportation, etc., Health Department—		
Bacteriological Equipment.....	750.00	
Disinfectants.....	500.00	
Drugs.....	1,000.00	
Dry Goods.....	500.00	
Engrossing.....	25.00	
Fuel.....	100.00	
Horse Hire.....	6,000.00	
Incidentals.....	150.00	
Laboratory Supplies.....	600.00	
Press Clippings.....	25.00	
Rubber Goods.....	300.00	
Subscription to Papers.....	50.00	
		10,000.00
Burial of Indigent Dead.....	6,000.00	
		6,000.00
Emergency and Insane Hospitals—		
Salary—Chief Surgeon.....	2,400.00	
Assistant Surgeons (9).....	8,100.00	
Steward.....	1,500.00	
Assistant Stewards (12).....	10,800.00	
Nurses (9).....	6,480.00	
Drivers of Ambulances (8).....	7,680.00	
		36,960.00
Maintenance of Hospitals.....	10,240.00	
		10,240.00
Isolation Hospital—		
Salaries and Maintenance.....	8,000.00	
		8,000.00

AUDITOR'S ESTIMATE OF PROBABLE EXPENDITURES AND REVENUES
FOR FISCAL YEAR 1908-1909.—Continued.

	Amount.	Total.
Twenty-Sixth Street Hospital—		
Steward.....	1,200.00	
Cook.....	1,020.00	
Nurse.....	900.00	
Laundryman.....	180.00	
Orderlies.....	1,800.00	
Watchman.....	300.00	
Maintenance.....	2,600.00	
		8,000.00
Smallpox Hospital—		
Physician.....	1,500.00	
Nurses.....	1,080.00	
Laundress.....	600.00	
		3,180.00
Expense.....	2,000.00	2,000.00
Department of Electricity—		
Chief Electrician.....	3,000.00	
Secretary.....	1,500.00	
Helper.....	900.00	
Storekeeper.....	1,800.00	
Engineer.....	1,500.00	
Clerk.....	1,200.00	
Inspectors (8).....	10,080.00	
Inspector.....	1,360.00	
Operators.....	10,500.00	
Foreman (Shop).....	1,320.00	
Instrument Makers.....	3,420.00	
Finisher.....	1,140.00	
Foreman of Wiremen.....	1,500.00	
Wiremen.....	3,780.00	
Foreman Overhead Work.....	1,800.00	
Foremen Assistants.....	2,640.00	
Linemen (10).....	12,000.00	
Batterymen.....	1,140.00	
Repairers.....	2,400.00	
Hostler.....	1,020.00	
		64,000.00
Expenses (Operation)—		
Boarding Horses.....	600.00	
Brass Castings.....	1,000.00	
Blacksmithing and Wagon Repairs.....	400.00	
Electrical Material and Hardware.....	6,000.00	
Harness and Repairs.....	200.00	
Horses.....	300.00	
Horseshoeing.....	175.00	
Livery.....	900.00	
Lamps and Repairs.....	250.00	
Laundry Service.....	75.00	
Leather and Findings.....	200.00	
Machinery and Repairs.....	4,000.00	
Lumber, etc.....	750.00	
Wire.....	1,000.00	
		15,850.00
Fire Department—		
Commissioners.....	4,800.00	
Secretary.....	2,400.00	
Chief Engineer.....	5,000.00	
First Assistant Engineer.....	3,600.00	
Second Assistant Engineer.....	3,000.00	
Battalion Chiefs (12).....	32,400.00	
Captains of Engine Companies (44).....	81,840.00	

AUDITOR'S ESTIMATE OF PROBABLE EXPENDITURES AND REVENUES
FOR FISCAL YEAR 1908-1909.—Continued.

	Amount.	Total.
Lieutenants (44).....	75,240.00	
Engineers.....	73,920.00	
Drivers.....	63,360.00	
Stokers.....	63,360.00	
Hosemen (264).....	380,160.00	
Captains of Truck Companies (12).....	22,320.00	
Lieutenants of Truck Companies (12).....	20,520.00	
Truck Drivers (12).....	17,280.00	
Truck Tillermen (12).....	17,280.00	
Truckmen (96).....	138,240.00	
Captains of Chemical Companies (10).....	18,600.00	
Lieutenants of Chemical Companies (10).....	17,100.00	
Drivers (10).....	14,400.00	
Hosemen (10).....	14,400.00	
Captain of Water Tower (1).....	1,860.00	
Lieutenant, Water Tower (1).....	1,710.00	
Hoseman (1).....	1,440.00	
Driver (1).....	1,440.00	
Drivers, Monitor Batteries (2).....	2,880.00	
Operators to Chiefs (14).....	21,000.00	
Substitutes.....	10,000.00	
Superintendent of Engines.....	2,700.00	
Foreman, Corporation Yard.....	1,800.00	
Clerk and Commissary.....	1,800.00	
Assistant Clerk and Timekeeper.....	1,440.00	
Brass Finisher.....	1,404.00	
Foreman Machinist.....	1,560.00	
Machinists (6).....	8,424.00	
Machinist Helper.....	1,170.00	
Blacksmiths (4).....	5,616.00	
Blacksmith Helpers (4).....	4,680.00	
Boilermaker.....	1,404.00	
Woodworkers (2).....	2,808.00	
Patternmaker.....	1,638.00	
Night Watchman.....	1,200.00	
Helpers (6).....	6,120.00	
Draymen (2).....	2,400.00	
Harnessmakers (4).....	5,460.00	
Carriagemakers (3).....	4,370.00	
Hydrantmen (7).....	8,580.00	
Superintendent of Horses and Assistant.....	3,300.00	
Veterinary Surgeon.....	1,200.00	
Stablemen (7).....	7,140.00	
Apparatus—		1,185,764.00
One Truck, Two Engines, One Auto- mobile, Boilers.....	28,000.00	
Forage.....	45,000.00	
Fuel.....	12,000.00	
Removal of Garbage.....	4,000.00	
Harness and Repairs.....	2,500.00	
Horseshoeing.....	9,000.00	
Horses.....	10,000.00	
Hose.....	20,000.00	
Hydrants, etc.....	15,000.00	
Material and Supplies.....	25,000.00	
Paints.....	2,500.00	
Electric Power.....	6.00	
Stable and Supplies.....	1,000.00	
Department of Elections—		174,600.00
Commissioners (5).....	5,000.00	
Registrar of Voters and Secretary.....	2,400.00	
Deputy and Chief Clerk.....	3,600.00	
Stenographer.....	1,200.00	

AUDITOR'S ESTIMATE OF PROBABLE EXPENDITURES AND REVENUES
FOR FISCAL YEAR 1908-1909.—Continued.

	Amount.	Total.
Storekeeper.....	1,200.00	
Office Deputies.....	3,600.00	
Office Deputies, Additional.....	32,500.00	
Election Officers, Primary.....	3,000.00	
Precinct Registration.....	12,000.00	
General.....	24,000.00	
Advertising.....	1,300.00	
Auto Service.....	600.00	
Bookbinding.....	300.00	
Ballot Paper.....	1,000.00	
Ballot Boxes and Supply Cases.....	500.00	
Erecting and Storing Booths.....	8,000.00	
Repairs to Booths.....	1,000.00	
New Booths.....	7,500.00	
Stationery.....	1,750.00	
Livery.....	500.00	
Postage.....	1,200.00	
Rubber Stamps.....	250.00	
Printing.....	9,000.00	
Rent of Polling Places.....	2,000.00	
Cartage.....	450.00	
Furnishing Booths.....	2,000.00	
Telephone Service.....	150.00	
		126,000.00
Civil Service Department—		
Commissioners.....	3,600.00	
Examiner.....	2,400.00	
Clerk.....	1,500.00	
Stenographer.....	1,200.00	
		8,700.00
Relief of Exempt Firemen—		
Allowance for Old Veterans.....	5,000.00	
		5,000.00
Rents of Quarters for Public Offices—		
Grant Building.....	17,400.00	
City Attorney.....	600.00	
Assessor.....	2,400.00	
Police, 142 Pixley Street.....	180.00	
Ocean View.....	300.00	
3118½ Fillmore Street.....	480.00	
South San Francisco.....	480.00	
Potrero.....	150.00	
Golden Gate Park.....	1,200.00	
Lot on Ash Avenue.....	420.00	
Hall of Justice.....	24,000.00	
Morgue.....	650.00	
Justices Chambers.....	3,000.00	
Civil Service Commission.....	900.00	
City Architect.....	1,200.00	
County Clerk.....	3,750.00	
Tax Collector.....	2,100.00	
Sheriff.....	1,200.00	
Fire Department.....	4,000.00	
Emergency Hospital.....	600.00	
Courtrooms.....	960.00	
Department of Electricity.....	3,600.00	
Grand Jury.....	640.00	
		70,510.00
Installing a Uniform System of Public Accounting..		25,000.00
Firemen's Relief and Pension Fund.....		45,000.00

AUDITOR'S ESTIMATE OF PROBABLE EXPENDITURES AND REVENUES
FOR FISCAL YEAR 1908-1909.—Continued.

	Amount.	Total.
Department of Public Works—		
General Office—		
Commissioners.....	12,000.00	
Secretary.....	1,800.00	
Secretary Assistant (Stenographer).....	2,100.00	
Clerks (2).....	4,200.00	
Stenographer.....	1,800.00	
Messenger.....	1,500.00	
Telephone Operators.....	1,440.00	
		24,840.00
Bookkeeping Department—		
Bookkeeper.....	3,000.00	
Clerks (3).....	4,800.00	
Stenographer.....	1,500.00	
		9,300.00
Bureau of Architecture—		
City Architect.....	4,000.00	
Draughtsmen (3).....	4,800.00	
Stenographer.....	1,200.00	
		10,000.00
Bureau of Building Inspection—		
Chief Inspector.....	3,000.00	
Assistant Inspector (Office).....	2,400.00	
Assistants (10).....	18,000.00	
Stenographer and Clerk.....	2,400.00	
Clerk.....	1,500.00	
Livery.....	6,480.00	
		33,780.00
Bureau of Light and Water—		
Inspector.....	2,400.00	
Inspector, Assistant.....	1,200.00	
Livery.....	540.00	
		4,100.00
Bureau of Buildings and Repairs—		
Superintendent.....	3,000.00	
Superintendent Assistant.....	1,500.00	
Carpenter Foreman.....	2,100.00	
Painter Foreman.....	1,800.00	
Plumber Foreman.....	2,100.00	
Watchmen (2).....	2,150.00	
Janitors (Chief and Assistants).....	29,760.00	
Caretaker of Fountains.....	1,080.00	
Material, etc.....	93,510.00	
		137,000.00
Bureau of Engineering—		
City Engineer.....	8,000.00	
City Engineer's Assistants.....	14,700.00	
Field Assistants.....	36,300.00	
Surveyors.....	11,820.00	
Draughtsman.....	16,900.00	
Stenographers.....	2,400.00	
Clerk.....	1,200.00	
Chemist and Assistants.....	3,300.00	
Laboratory Supplies and Mathematical Instruments.....	7,500.00	
		102,120.00
Bureau of Streets—		
Deputy in Charge.....	3,000.00	
Clerk on Assessments.....	2,400.00	
Clerk (Office).....	1,800.00	
Clerk (Cashier).....	2,400.00	
Clerks (2).....	3,600.00	
Stenographer.....	1,200.00	
		14,400.00

AUDITOR'S ESTIMATE OF PROBABLE EXPENDITURES AND REVENUES
FOR FISCAL YEAR 1908-1909.—Continued.

	Amount.	Total.
Cleaning and Repairing Streets and Cess-pools.....		195,000.00
Cleaning, Sprinkling and Sweeping Streets.....		200,000.00
Repairs to Accepted Streets, Basalt, Cobble and Bitumen.....		275,000.00
Repairing County Roads.....		20,000.00
Renewal of Stone Curbing.....		25,000.00
Repairs to Water Front.....		10,000.00
Superintendent of Repairs and Assistant.....		4,200.00
Corporation Yards—		
Keepers.....	5,400.00	
Carpenters.....	4,350.00	
Timekeeper.....	1,200.00	
Watchmen (2).....	2,160.00	
Lantern Wagon and Driver.....	2,000.00	
Labor.....	2,160.00	
		17,270.00
Bridges—		
Engineers.....	9,360.00	
Bridge Tenders and Oilers.....	7,560.00	
Power.....	1,200.00	
Repairs and Material.....	7,500.00	
		25,620.00
School Fund—		
Directors.....	12,000.00	
Superintendent.....	4,000.00	
Deputies.....	9,600.00	
Secretary and Assistants.....	5,520.00	
Secretary's Clerk.....	600.00	
Messengers.....	2,160.00	
Stenographers (3).....	2,880.00	
Telephone Operator.....	720.00	
Storekeeper.....	1,800.00	
Storekeeper Assistant.....	1,500.00	
Scavenger.....	2,400.00	
Teamster.....	1,380.00	
Janitors.....	63,000.00	
Foreman of Storeroom.....	1,380.00	
Teacher's Compensation.....	1,250,000.00	
		1,358,940.00
Advertising.....	1,000.00	
Apparatus (Manual Training).....	2,000.00	
Census.....	7,500.00	
Books.....	7,000.00	
Domestic Science Supplies and Equipment.....	1,200.00	
Furniture Equipment.....	37,500.00	
Fuel.....	7,500.00	
Laboratory Supplies.....	1,750.00	
Machinery and Equipment for Polytechnic High School.....	7,500.00	
Mathematical Instruments.....	500.00	
Janitor Supplies.....	5,000.00	
Lighting.....	5,000.00	
Livery.....	1,720.00	
Printing and Stationery.....	7,500.00	
Telephone Service.....	140.00	
Typewriting Machines.....	2,000.00	
Water.....	14,000.00	
Rents.....	9,500.00	
Teacher's Institute Books.....	300.00	
General Repairs and Maintenance, including Material, New Toilets, Wages of Mechanics, etc., for Buildings.....	133,800.00	
Fire Escapes.....	65,000.00	
Temporary Buildings and Equipment.....	22,000.00	
		339,410.00

AUDITOR'S ESTIMATE OF PROBABLE EXPENDITURES AND REVENUES
FOR FISCAL YEAR 1908-1909.—Continued.

	Amount.	Total.
Children's Playground, Secretary.....	600.00	
Premium on Official Bonds.....	4,650.00	600.00
Library, Free Public, 1½% on each \$100 Assessed Valuation.....	71,400.00	4,650.00
Total Current Expenditures.....		71,400.00
Park Fund—7% on each \$100 assessed valuation.....	333,200.00	
Sinking Fund on Bonds Due July 1, 1909.....	247,800.00	333,200.00
Interest on Bonds Outstanding, 3½% on \$3,436,600.00.....	120,281.00	247,800.00
Fees from City and County Officers—		120,281.00
Sheriff.....	30,000.00	
County Clerk.....	110,000.00	
Recorder.....	85,000.00	
Justices' Clerk.....	20,000.00	
Engineers' Department.....	17,000.00	
Board of Health.....	800.00	
Police Department.....	1,200.00	
Pound Fees.....	7,000.00	
Department of Electricity.....	13,000.00	
Police Court Fines.....	30,000.00	
Superior Court Fines.....	1,000.00	
Licenses: Liquor at present rate.....	1,100,000.00	
Other Licenses.....	500,000.00	
Rent of City Property.....	7,500.00	
Building Permits.....	50,000.00	
Percentage on Franchises (Sanitary Re- duction).....	1,262.00	
Percentage on Street Railway Franchises....	40,000.00	
Sales of Property by Mayor.....	1,200.00	
Commission on Poll Tax.....	12,500.00	
Assessor's Commission on Personal Property	6,000.00	
Miscellaneous.....	2,500.00	
Advertising, Board of Supervisors.....	8,000.00	
Advertising, Public Works.....	4,100.00	
Police Contributions.....	18,000.00	
School Apportionment (State) and Rents....	640,000.00	
Interest Provided for Bonds to be Sold.....	75,000.00	2,706,062.00
Gearv Street Railroad Appropriation, etc....	395,000.00	75,000.00
Installing a General System of Public Accounting.....	25,000.00	395,000.00
State Settlement of Back Taxes.....	25,000.00	25,000.00
		\$3,226,062.00

ESTIMATED EXPENDITURES AND REVENUES.

FUNDS.	Expenditures.	Revenue From Miscellaneous Sources.	Revenue from Taxes.
General Fund.....	\$6,171,312.00	\$2,066,062.00	\$3,585,250.00
General Fund, Back Taxes from State Settlement.....		25,000.00	
Surplus in Treasury from Interest on Bonds.....		75,000.00	
Surplus in Treasury, Geary Street Railroad Appropriation.....		395,000.00	
Surplus in Treasury, Installing System of Public Accounting....		25,000.00	
Public Library Fund, 1½% on each \$100 assessed valuation.....	71,400.00		71,400.00
School Fund—			
Teachers' Compensation.....	1,250,000.00	640,000.00	610,000.00
Miscellaneous	448,350.00		448,350.00
Firemen's Relief Fund.....	45,000.00		45,000.00
	\$7,986,062.00	3,226,062.00	4,760,000.00
Park Fund—7% on each \$100 assessed valuation.....	333,200.00		333,200.00
Sinking Fund on Bonds due July 1, 1909.....			247,800.00
Interest on Bonds Outstanding, 3½% on \$3,436,600.00.....			120,281.00

Based on Assessed Valuation of \$476,000,000.00.

Year 1906-1907, Valuation of Property.....	\$375,932,447.00	
Year 1907-1908, Valuation of Property.....	429,632,593.00	
· Increase about 14%.....	\$ 53,700,046.00	
Year 1908-1909, add 12% to 1907-1908.....	51,555,911.00	
		\$481,188,504.00

BILL NO. 525.

ORDINANCE NO. 445.
(New Series)

An Ordinance fixing and appropriating the aggregate sum and the items thereof, allowed to each Department, Office, Board and Commission for the fiscal year ending June 30, 1909, and making a Budget of the same.

Be it ordained by the People of the City and County of San Francisco as follows:

The aggregate sums and the items thereof, herinafter set forth, are hereby fixed, designated and appropriated for the respective purposes set opposite the same, to be expended during the fiscal year ending June 30, 1909, in accordance with the provisions of Article III, Chapter I of the Charter of the City and County, to-wit:

GENERAL FUND.

	Amount.	Total
SUPERVISORS—		
Salaries, Supervisors, Clerks, Assistant Clerks, Clerks Stationery Department, Expert Stenographers, Telephone Operators and Sergeant-at-Arms.....	54,360.00	
Finance Committee, Board of Supervisors, for examining and supervising books, accounts and proceedings of public offices; also, for examining books of persons and corporations having dealings with the City Government, and for investigating claims against the City and County.....	7,500.00	
For compiling and printing public documents	5,000.00	
Salaries, Clerks Board of Equalization.....	600.00	
Official Advertising.....	30,000.00	
Printing Law and Motion Calendar of Superior Court, Decisions of Supreme Court and of Appellate Court, the Journal and the Calendar of Proceedings of the Board of Supervisors.....	4,100.00	
Interment of U. S. Soldiers and Sailors.....	3,000.00	
Maintenance of the Public Pound.....	8,000.00	
Municipal Reports for 1907-1908.....	2,500.00	
Stationery, books and printing.....	36,000.00	
Indexes for the County Clerk.....	450.00	
Stationery, books and printing for the Assessor.....	4,000.00	
Purchase of Directories.....	570.00	
Purchase and repair of book typewriters.....	1,750.00	
Rebinding books.....	500.00	
Purchase of other supplies for the stationery department.....	1,000.00	
Furniture for public buildings.....	10,000.00	
For expenses connected with the acquirement of Public Utilities.....	5,000.00	
Expenses of investigating water supply.....	7,500.00	
Celebration of the Fourth of July.....	2,500.00	
Observance of Memorial Day.....	500.00	
Fees and Expenses of the Grand Jury.....	6,000.00	
For urgent necessities.....	100,000.00	
For the purchase of land from Seventeenth Street and Clara Avenue to Corbett Avenue.....	5,000.00	
For the purchase of right-of-way.....	8,000.00	
For the purchase of private lands in region of Hetch Hetchy Valley.....	49,500.00	
For the balance of purchase price of a school lot on the southeast corner of Andover and Jefferson Avenues, as per Res. 1399 (N.S.).....	2,101.00	
For the payment of premiums on official bonds from July 1, 1908, to June 30, 1909.....	4,650.00	

BILL NO. 525.—ORDINANCE NO. 445 (New Series).—Continued.

	Amount.	Total
For rents, repairs to and equipment of buildings.....	100,000.00	
Water for Municipal purposes, Hydrants.....	120,000.00	
Water for Municipal purposes, except schools	20,000.00	
Investigating water rates, light and power rates and telephone rates.....	1,000.00	
Maintenance of minors in Magdalen Asylum	10,000.00	
Maintenance of minors in State Schools.....	11,000.00	
Maintenance of minors in non-sectarian institutions.....	60,000.00	
Maintenance of minors in Juvenile Detention Home.....	5,000.00	
Maintenance of feeble-minded children.....	22,000.00	
Maintenance of criminal insane.....	1,800.00	
Examination of insane persons.....	5,000.00	
Lighting Streets and public buildings.....	325,000.00	
MAYOR—		
Salaries.....	10,500.00	
Contingent expenses.....	3,600.00	
Incidental expenses.....	2,500.00	
AUDITOR—		
Salaries, Auditor, Deputies, Clerks and for counsel fees.....	22,600.00	
Computing and extending the Assessment Roll.....	7,000.00	
License tags, blanks and numbers.....	3,000.00	
Auditor's incidental expenses.....	100.00	
ASSESSOR—		
Salaries, Assessor, Cashier, Deputies and Clerks.....	48,200.00	
Salaries, Assessor's extra Clerks.....	46,000.00	
Expenses, Assessor's Field Deputies.....	1,000.00	
CORONER—		
Salaries, Coroner, Autopsy Physician, Deputies, Stenographers and Messenger.....	16,000.00	
Salaries allowed, Matron.....	900.00	
Two Assistant Deputies.....	1,800.00	
Additional Stenographer.....	1,500.00	
Coroner's expenses.....	3,500.00	
RECORDER—		
Salaries, Recorder and Deputies.....	8,400.00	
Salaries of additional employees allowed and compensation of Copyists.....	58,000.00	
TAX COLLECTOR—		
Salaries, Tax Collector, Deputies and Cashier	31,300.00	
Salaries, Tax Collector's extra Clerks.....	32,000.00	
Allowance for horse and buggy.....	540.00	
Publishing delinquent tax list.....	2,400.00	
TREASURER—		
Salaries, Treasurer, Deputies and Clerks.....	11,200.00	
Salary, Treasurer's Bookkeeper.....	2,100.00	
Salaries, additional Clerks.....	4,800.00	
SUPERIOR COURT—		
Salaries of twelve Judges.....	36,000.00	
Salary of Secretary.....	1,800.00	
Stenographers of the Superior Court.....	20,000.00	
Miscellaneous Court Orders.....	10,000.00	

BILL NO. 525.—ORDINANCE NO. 445 (New Series).—Continued.

	Amount.	Total
COURT INTERPRETERS—		
Salaries of seven interpreters at \$900 per annum.....	6,300.00	
CITY ATTORNEY—		
Salaries, City Attorney, Assistants, Clerks, Stenographer and Messenger.....	20,300.00	
Salaries of assistants allowed and additional Stenographer.....	8,700.00	
Expenses in defense of suit of the Spring Valley Water Company.....	5,000.00	
Expenses of litigation under the McEnerney Act.....	3,000.00	
Cost of briefs, transcripts and incidentals....	500.00	
DISTRICT ATTORNEY—		
Salaries of District Attorney, Assistants, Clerks, Stenographers and Bond and Warrant Clerks.....	36,200.00	
Salaries of Bookkeeper and additional Assistants, Bond and Warrant Clerk and Messenger.....	10,800.00	
Maintenance of automobile.....	1,000.00	
For extraordinary expenses of the District Attorney's office subject to orders of Court through the Board of Supervisors	70,000.00	
COUNTY CLERK—		
Salaries of County Clerk, Cashier, Clerks and Copyists.....	75,400.00	
Salaries of additional Clerks, Copyists and Messenger.....	20,400.00	
Printing transcripts on appeal in criminal cases.....	2,000.00	
Jury and witness fees in criminal cases.....	15,000.00	
Jury expenses in criminal cases.....	1,000.00	
JUSTICES' COURT—		
Salaries, Justices, Clerks and Messenger.....	26,400.00	
LAW LIBRARY—		
Salaries, Librarian and Messenger.....	3,480.00	
SHERIFF—		
Salaries, Sheriff, Under-Sheriff, Attorney, Bookkeeper, Office Deputies, Bailiffs, Chief Jailer, Jailers, Superintendent Jails No. 2 and 3, Guards, Matron, Commissary, Driver and Bookkeeper Jails.....	82,400.00	
Salaries allowed for additional Van Driver, two Cooks and Stenographer.....	3,600.00	
Expenses, horsekeeping, shoeing, etc.....	1,950.00	
Subsistence of prisoners in jails.....	41,000.00	
POLICE DEPARTMENT—		
Salaries.....	1,205,848.00	
Salaries of fifty additional patrolmen.....	73,200.00	
Salaries for three engineers for police launch	4,500.00	
Contingent expenses.....	8,000.00	
Photographic supplies, laundry work and fuel	1,500.00	
Maintenance police patrol and mounted police	31,700.00	
Maintenance automobile.....	1,000.00	
Maintenance police launch.....	3,000.00	
Subsistence of prisoners.....	7,000.00	

BILL NO. 525.—ORDINANCE NO. 445 (New Series).—Continued.

	Amount.	Total.
POLICE COURTS—		
Salaries four Judges and two Stenographers.....	19,200.00	
Salaries two additional Stenographers.....	4,800.00	
HEALTH DEPARTMENT—		
Salary, Executive Officer.....	3,000.00	
Clerical force, general office.....	14,400.00	
Trained Nurse, Inspectress of school children	4,500.00	
Sanitary Inspection Corps.....	10,020.00	
Market Inspection Corps.....	9,600.00	
Food Inspection Corps.....	2,400.00	
Dairy Inspection Corps.....	3,600.00	
Industrial Inspection Corps.....	1,200.00	
Plumbing Inspection Corps.....	7,920.00	
Disinfectant Inspector.....	900.00	
City Physician.....	3,000.00	
Bacteriological Laboratory.....	5,400.00	
Chemical Laboratory.....	4,680.00	
Toxicological Laboratory.....	1,200.00	
Health Department expenses.....		71,820.00
Burial of Indigent Dead.....		8,600.00
Emergency and Insane Detention Hospital, salaries of Surgeons, Stewards, Nurses and Drivers.....		35,820.00
Expenses and maintenance.....		12,000.00
Construction, maintenance and equipment of a new Emergency Hospital at Potrero Avenue and Twenty-second Street.....		10,000.00
CITY AND COUNTY HOSPITAL—		
Salaries and maintenance.....		125,000.00
RELIEF HOME FOR AGED AND INFIRM—		
Salaries and maintenance.....		165,000.00
SMALLPOX HOSPITAL—		
Salaries.....		3,000.00
Maintenance.....		3,000.00
LEPER HOSPITAL—		
Salaries.....		5,100.00
Maintenance.....		5,000.00
FIRE DEPARTMENT—		
Salaries.....		1,050,000.00
Maintenance and expenses.....		125,000.00
Fire Apparatus, including one chemical engine to be installed at Sixteenth Street and Albion Avenue.....		30,000.00
DEPARTMENT OF ELECTRICITY—		
Salaries.....		50,000.00
Maintenance and expenses.....		10,000.00
CIVIL SERVICE COMMISSION—		
Salaries.....		8,700.00
Temporary Clerk.....		300.00
Special Examiner's expenses.....		500.00
DEPARTMENT OF ELECTIONS—		
Salaries and expenses.....		125,000.00
RELIEF OF EXEMPT FIREMEN—		
Relief of exempt Firemen.....		5,000.00

BILL NO. 525.—ORDINANCE NO. 445 (New Series).—Continued.

	Amount.	Total.
PLAYGROUNDS COMMISSION—		
Salary of Secretary, improvement, equipment and maintenance of playgrounds.....		20,000.00
DEPARTMENT OF PUBLIC WORKS—		
Salaries, general office, commissioners and Secretary.....	13,800.00	
Clerks, Stenographers, Messenger and Telephone Operators.....	10,000.00	
Bookkeeper's office, Bookkeeper, Clerks and Timekeeper.....	8,400.00	
Architect's office, City Architect, Draftsmen and Stenographer.....	11,000.00	
Bureau of Building Inspection, Inspectors and Clerks.....	20,000.00	
Gas and Water Inspector.....	1,500.00	
Assistant Gas and Water Inspector.....	900.00	
Bureau of Streets, Deputy, Cashier, Clerks, Inspectors and Stenographer.....	22,500.00	
Corporation Yards: Keepers and employees...	10,000.00	
Maintenance of bridges, Engineers and Bridge Tenders.....	16,000.00	
Bureau of Repairs to Streets: Superintendent Street Department, Assistant and Stenographer.....	5,400.00	
Bureau of Engineering: City Engineer.....	7,000.00	
Chief Assistant Engineer, Stenographer, Field Assistant at counter, and Clerk.	6,900.00	
Chemist and Assistant Chemist in laboratory.....	3,300.00	
Assistant Engineers, Surveyors, Draftsmen and Field Assistants.....	55,000.00	
Bureau of Buildings: Superintendent, Assistant Superintendent, Foreman Painter, Foreman Plumber and other employees...	12,500.00	
Janitorial Department: Head Janitor and Janitors.....	20,000.00	
		224,200.00
BOARD OF PUBLIC WORKS—		
Architect's Bureau: Supplies.....		1,000.00
Building Inspection Bureau: Supplies.....		600.00
Corporation Yard: Supplies.....		5,000.00
Maintenance Bridges: Supplies.....		750.00
Maintenance Bridges: Power.....		1,200.00
Cleaning, sweeping and sprinkling streets, to be expended in strict accordance with Sec. 9, Chap. 1 of Article III of the Charter.....		250,000.00
Apparatus for Laboratory, Bureau of Engineering.....		3,000.00
For supplies and blue prints, Bureau of Engineering.....		2,750.00
For Carfares, Bureau of Engineering.....		1,000.00
For all transportation expenses and all buggy hire of Department of Public Works.....		16,000.00
Repairs to and re-modeling of schoolhouses, including fire escapes on requisition of Board of Education.....		100,000.00
For grading and macadamizing of city's portion of H Street, from Twentieth Avenue to Forty-ninth Avenue.....		28,000.00
For curbing and macadamizing city's portion of Fulton Street from Thirty-seventh to Forty-seventh Avenues.....		6,000.00

BILL NO. 525.—ORDINANCE NO. 445 (New Series).—Continued.

	Amount.	Total
For completion of Yerba Buena School as called for in Resolution No. 1848 (New Series).....		32,000.00
For construction and equipment of Police Department stables.....		15,000.00
Total General Fund within \$1 limit of taxation.....		\$5,786,739.00
FIREMEN'S RELIEF AND PENSION FUND—		
For Pensions.....		42,000.00
COMMON SCHOOL FUND—		
Salaries.....	1,472,800.00	
Rents.....	10,000.00	
Supplies.....	74,000.00	
Fire escapes and repairs.....	5,000.00	
Equipping new schools.....	39,000.00	
		1,600,800.00
LIBRARY FUND—		
Salaries and maintenance of Public Library and purchase of books, and also for the establishment and maintenance of a Branch Library in the vicinity of the Panhandle of Golden Gate Park.....		90,000.00
Grand Total of funds within \$1 limit of taxation.....		\$7,519,539.00
PARK FUND—		
For maintenance, preservation and improvement of Parks, Squares and Public Grounds.....		315,000.00
BOND REDEMPTION AND INTEREST FUNDS—		
Bond redemption and interest fund, issue of September 29, 1903.....		455,000.00
Bond interest fund: issue of May 11, 1908...		270,000.00
GENERAL FUND—		
For paving, re-paving and repairs to streets, for construction and repairs to sewers and for construction of and repairs to public buildings, to be paid out of the proceeds of an additional and special tax levy of 20 cents on each \$100 assessed valuation.....		900,000.00
For construction and equipment of fire department buildings and for purchase of lands for fire department purposes, to be paid out of the proceeds of an additional and special tax levy of 4 cents on each \$100 assessed valuation.....		180,000.00
For the continuation of sanitary measures under direction of the Board of Health and of the United States Marine Hospital service, to be paid out of the proceeds of an additional and special tax levy of 3 cents on each \$100 assessed valuation.....		135,000.00
Grand Total.....		\$9,774,539.00

BILL NO. 525.—ORDINANCE NO. 445 (New Series).—Continued.

	Amount.	Total
GENERAL FUND—		
Appropriation to be used in case the collectible Assessment Roll for 1908-1909, exceeds \$450,000,000.00, for the establishment and maintenance of a "Free Market" on West Mission Street, and for rehabilitation of departments and improvements.....		250,000.00

In Board of Supervisors, San Francisco, June 1, 1908.

After having been published five successive days, according to law, taken up and finally passed by the following vote:

Ayes—Supervisors Bancroft, Booth, Broderick, Center, Comte, Connolly, D'Ancona, Giannini, Hocks, Jennings, Johnston, McAllister, McLeran, Murdock, Murphy, Payot, Pollock, Rixford.

JOHN E. BEHAN, Clerk.

Approved: San Francisco, June 4, 1908.

EDWARD R. TAYLOR,

Mayor and ex-officio President of the Board of Supervisors.

CITY AND COUNTY RATE OF TAXATION, PER BUDGET FISCAL YEAR 1908-1909.

General Fund.....	.762	
Firemen's Relief and Pension Fund.....	.009	
Common School Fund.....	.209	
Library Fund.....	.020	
Park Fund.....	.070	
1903—Hospital Bond Redemption Fund.....	.0041	
Sewer Bond Redemption Fund.....	.0350	
School Bond Redemption Fund.....	.0200	
Street Bond Redemption Fund.....	.0086	
Jail Bond Redemption Fund.....	.0030	
Library Bond Redemption Fund.....	.0088	
Playgrounds Bond Redemption Fund.....	.0040	
Park Extension Bond Redemption Fund.....	.0018	
Mission Park Bond Redemption Fund.....	.0016	
1903—School Bond Interest Fund.....	.0013	
Street Bond Interest Fund.....	.0005	
Library Bond Interest Fund.....	.0020	
Playgrounds Bond Interest Fund.....	.0050	
Park Extension Bond Interest Fund.....	.0023	
Mission Park Bond Interest Fund.....	.0020	
1908—Fire Protection Bond Interest Fund.....	.0194	
Sewer Bond Interest Fund.....	.0079	
School Bond Interest Fund.....	.0157	
Hospital Bond Interest Fund.....	.0079	
Hall of Justice Bond Interest Fund.....	.0079	
Garbage System Bond Interest Fund.....	.0012	
Additional tax levy authorized by Ordinance No. 450:		
For Streets and Sewers.....	.200	
For Fire Department.....	.0400	
For Sanitation.....	.0300	
State Rate.....		\$1.50
		.40
Total.....		\$1.90

ASSESSED VALUATION OF REAL ESTATE AND IMPROVEMENTS IN THE DIFFERENT SECTIONS OF THE CITY AND COUNTY OF SAN FRANCISCO, 1908.

Vol.	Real Estate.	Improvements.	Total Valuations.	Total Value of Section.	Mortgages.
50 Vara Survey.....	\$13,747,830.00	\$3,019,950.00	\$16,767,780.00	\$106,251,400.00	\$3,792,423.00
	26,340,360.00	6,293,800.00	32,634,160.00		4,570,493.00
	15,426,850.00	3,517,750.00	19,178,600.00		3,747,799.00
	14,087,570.00	3,303,250.00	17,390,820.00		4,410,241.00
	6,448,040.00	1,143,950.00	7,591,990.00		1,639,307.00
	10,474,450.00	2,213,600.00	12,688,050.00		2,814,312.00
100 Vara Survey.....	14,976,840.00	2,695,550.00	17,672,390.00	70,512,079.00	2,532,460.00
	16,930,960.00	4,434,350.00	21,365,310.00		5,646,708.00
	12,800,970.00	1,993,550.00	14,794,520.00		1,752,277.00
	8,669,639.00	980,250.00	9,649,889.00		1,346,861.00
	6,061,370.00	968,600.00	7,029,970.00		975,169.00
Mission Blocks.....	5,407,190.00	1,424,980.00	6,832,170.00	28,055,550.00	1,754,928.00
	4,403,180.00	2,341,080.00	6,744,260.00		1,320,223.00
	2,654,600.00	1,729,390.00	4,383,990.00		1,032,578.00
	2,156,070.00	1,883,380.00	4,039,450.00		1,166,395.00
	1,871,760.00	1,445,000.00	3,316,760.00		804,550.00
	1,681,840.00	1,057,080.00	2,738,920.00		628,396.00
New Potrero.....	2,439,100.00	1,451,100.00	3,890,200.00	10,215,470.00	543,966.00
	3,008,030.00	3,317,240.00	6,325,270.00		230,068.00
Horner's Addition.....	1,197,370.00	1,207,010.00	2,404,380.00	5,963,130.00	609,323.00
	879,320.00	1,094,400.00	1,973,720.00		571,010.00
	790,680.00	794,350.00	1,585,030.00		430,321.00
Western Addition.....	10,672,760.00	2,088,275.00	12,761,035.00	94,494,761.00	2,411,022.00
	9,290,370.00	3,382,180.00	12,672,450.00		1,869,424.00
	6,908,370.00	3,795,150.00	10,703,520.00		2,094,776.00
	6,256,150.00	4,470,750.00	10,726,900.00		1,885,601.00
	7,094,000.00	3,968,980.00	11,062,980.00		2,145,030.00
	4,904,890.00	3,349,020.00	8,253,910.00		1,693,316.00
	4,797,460.00	2,920,626.00	7,718,086.00		1,862,130.00
	3,260,090.00	2,037,350.00	5,297,440.00		1,222,826.00
	1,744,160.00	1,542,250.00	3,286,410.00		825,734.00
	1,788,610.00	1,775,540.00	3,564,150.00		1,035,180.00
	1,516,580.00	1,121,840.00	2,638,420.00		1,749,250.00
	3,535,260.00	2,274,200.00	5,809,460.00		1,545,728.00

ASSESSED VALUATION OF REAL ESTATE AND IMPROVEMENTS IN THE DIFFERENT SECTIONS OF THE CITY AND COUNTY OF SAN FRANCISCO, 1908.—Continued.

	Vol.	Real Estate.	Improvements.	Total Valuations.	Total Value of Section.	Mortgages.
Tide Lands.....	35	164,200.00	2,250.00	166,450.00	166,450.00	2,870.00
	36	1,130,240.00	673,300.00	1,803,540.00		450,607.00
	37	1,214,450.00	966,147.00	2,180,597.00		607,155.00
	38	1,376,130.00	719,800.00	2,095,930.00		558,825.00
	39	1,884,170.00	572,420.00	2,456,590.00		581,848.00
Outside Lands.....	40	1,180,600.00	570,250.00	1,750,850.00	14,187,477.00	523,376.00
	41	779,500.00	205,200.00	984,700.00		196,626.00
	42	522,880.00	148,810.00	671,690.00		104,177.00
	43	1,076,220.00	64,700.00	1,140,920.00		100,431.00
	44	1,063,110.00	38,550.00	1,102,660.00		36,733.00
Lands in Acres.....	45	4,417,780.00	763,300.00	5,181,080.00	5,181,080.00	164,542.00
	46	905,090.00	815,050.00	1,720,140.00		422,923.00
	47	738,610.00	417,200.00	1,155,810.00		188,427.00
	48	1,166,510.00	662,010.00	1,828,520.00		601,052.00
	49	1,061,425.00	359,750.00	1,421,175.00		109,901.00
	50	977,900.00	628,050.00	1,605,950.00		371,123.00
	51	516,690.00	244,150.00	760,840.00		128,286.00
	52	264,380.00	149,480.00	413,860.00		32,633.00
	53	500,360.00	204,950.00	705,310.00	14,485,595.00	52,200.00
Homesteads and Tracts.....	54	614,230.00	376,310.00	990,540.00		53,804.00
	55	480,810.00	113,100.00	593,910.00		44,281.00
	56	363,110.00	93,650.00	456,760.00		42,025.00
	57	997,590.00	495,950.00	1,493,540.00		196,864.00
	58	324,870.00	101,200.00	426,070.00		37,955.00
	59	430,950.00	104,750.00	535,700.00		51,099.00
	60	278,010.00	99,460.00	377,470.00		41,915.00

AUDITOR.

SUMMARY.

	Real Estate.	Improvements.	Total Valuations.	Mortgages.
50 Vara Survey, Comprising Volumes 1, 2, 3, 4, 5, 6	\$86,525,100.00	\$19,726,300.00	\$106,251,400.00	\$20,974,575.00
100 Vara Survey, Comprising Volumes 7, 8, 9, 10, 11	59,439,779.00	11,072,300.00	70,512,079.00	12,253,475.00
Mission Blocks, Comprising Volumes 12, 13, 14, 15, 16, 17	18,174,640.00	9,880,910.00	28,055,550.00	6,707,070.00
New Potrero, Comprising Volumes 18, 19	5,447,130.00	4,768,340.00	10,215,470.00	774,034.00
Horners Addition, Comprising Volumes 20, 21, 22	2,867,370.00	3,095,760.00	5,963,130.00	1,610,654.00
Westera Addition, Comprising Volumes 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34	61,768,600.00	32,726,161.00	94,494,761.00	19,340,017.00
Tide Lands, Comprising Volume 35	164,200.00	2,250.00	166,450.00	2,870.00
Outside Lands, Comprising Volumes 36, 37, 38, 39, 40, 41, 42, 43, 44	10,227,300.00	3,960,177.00	14,187,477.00	3,159,780.00
Lands in Acres, Comprising Volume 45	4,417,780.00	763,300.00	5,181,080.00	164,542.00
Homesteads and Tracts, Comprising Volumes 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60	9,620,535.00	4,865,060.00	14,485,595.00	2,374,494.00
Total Roll for 1908	\$258,652,434.00	\$90,860,558.00	\$349,512,992.00	\$67,361,511.00

Area of the City and County of San Francisco..... 46½ Square Miles.
 Population of the City and County of San Francisco..... 450,000.

VALUES OF PROPERTY IN, AND INDEBTEDNESS OF, EACH COUNTY

Compliments of A. B. Nye, Controller.

COUNTIES	Classification	Value of Real Estate	Value of Improvements on Real Estate	Value of Personal Property	Money and Solvent Credits	Total Value of Property as Returned by Auditors
Alameda	3d class	\$106,901,475	\$50,834,725	\$23,280,036	\$2,367,222	\$183,383,458
Alpine	57th	240,150	218,884	45,946	450	505,430
Amador	35th	3,056,057	1,702,152	595,916	23,779	5,377,904
Butte	25d	10,980,415	3,861,370	3,518,980	318,291	18,670,056
Calaveras	33d	3,362,930	1,957,200	811,945	31,290	6,163,365
Colusa	42d	9,241,622	1,265,978	1,611,050	136,705	12,255,355
Contra Costa	19th	13,580,863	6,458,395	5,311,761	1,019,751	26,370,770
Del Norte	55th	3,364,161	228,936	270,165	3,528	3,866,790
El Dorado	40th	3,028,855	1,193,675	886,595	13,660	5,122,785
Fresno	7th	26,593,223	10,674,240	6,891,423	182,912	44,341,798
Glenn	47th	8,197,019	839,301	1,506,705	248,817	10,791,842
Humboldt	11th	21,152,010	3,961,525	2,895,123	498,989	28,507,647
Imperial	43d	3,859,843	744,691	867,733	9,074	5,481,341
Inyo	53d	1,661,155	1,097,102	711,943	73,800	3,544,000
Kern	26th	13,139,539	5,474,252	8,062,957	50,695	26,727,443
Kings	37th	5,188,929	1,533,380	1,331,353	985,590	9,089,252
Lake	45th	2,308,703	827,080	494,830	48,248	3,678,861
Lassen	51st	3,999,333	625,230	1,174,640	131,605	5,930,808
Los Angeles	2d	233,942,560	97,978,475	*62,178,146	†5,492,941	399,562,122
Madera	44th	5,329,390	804,085	1,292,955	31,055	7,457,485
Marin	29th	10,525,620	4,959,875	1,454,109	122,056	17,061,660
Mariposa	49th	1,544,511	300,023	333,750		2,178,284
Mendocino	14th	9,340,942	2,082,468	2,319,725	84,825	13,827,960
Merced	39th	10,506,656	1,855,973	2,302,917	53,165	14,718,711
Modoc	48th	3,081,917	697,269	1,278,366	139,034	5,196,586
Mono	56th	579,620	235,570	397,830	3,825	1,216,845
Monterey	16th	13,823,353	3,832,085	2,481,238	110,445	20,302,121
Napa	27th	6,661,880	5,157,205	2,476,495	152,200	14,447,780
Nevada	21st	2,943,270	2,846,940	924,415	62,030	6,776,655
Orange	15th	10,908,820	4,064,710	2,508,739	88,405	17,570,674
Placer	28th	4,494,425	2,285,455	1,147,540	96,295	8,023,715
Plumas	50th	4,076,737	586,800	617,920	25,953	5,307,460
Riverside	20th	9,096,158	6,342,935	2,023,058	86,470	17,548,621
Sacramento	5th	33,448,580	13,199,990	7,177,535	1,354,640	55,180,745
San Benito	43d	4,324,390	1,147,735	1,089,820	100,985	6,662,930
San Bernardino	10th	11,168,685	7,557,190	1,821,575	149,215	20,696,665
San Diego	9th	18,635,427	6,817,110	3,500,903	217,978	29,261,418
San Francisco	1st	258,651,434	90,860,558	69,640,213	35,180,615	454,332,820
San Joaquin	8th	23,991,738	9,779,171	5,216,150	973,919	39,960,978
San Luis Obispo	25th	9,204,589	2,763,801	3,092,958	151,252	15,212,600
San Mateo	32d	16,542,510	5,231,255	2,909,355	553,600	25,286,720
Santa Barbara	17th	13,060,730	5,113,415	4,258,235	167,870	22,600,250
Santa Clara	4th	37,620,460	18,016,380	5,449,180	494,165	61,580,185
Santa Cruz	13th	9,598,470	4,376,690	1,762,730	102,750	15,840,640
Shasta	22d	8,066,380	3,138,405	1,486,903	43,045	12,734,733
Sierra	54th	1,327,390	509,830	267,197	3,366	2,107,773
Siskiyou	24th	9,142,353	3,211,296	2,091,234	212,795	14,657,678
Solano	12th	11,874,283	4,850,688	2,418,115	87,597	19,230,683
Sonoma	6th	18,712,270	9,301,200	3,888,635	508,120	32,410,225
Stanislaus	38th	9,552,620	2,258,500	2,247,295	184,535	14,242,950
Sutter	46th	4,429,095	979,520	796,883	21,070	6,226,568
Tehama	36th	7,297,260	2,036,375	2,247,670	197,855	11,779,160
Trinity	52d	2,121,482	350,464	332,395	25,981	2,830,322
Tulare	18th	13,583,210	4,328,285	3,237,855	186,380	21,336,180
Tuolumne	34th	4,032,303	2,199,665	932,693	14,530	7,179,191
Ventura	30th	7,053,135	1,381,277	1,990,924	300,370	10,725,706
Yolo	31st	11,689,520	2,592,075	1,893,710	218,280	16,393,585
Yuba	41st	3,115,545	1,615,755	1,398,100	140,585	6,269,985
Totals		\$1,116,288,440	\$431,754,444	\$275,481,764	\$54,288,419	\$1,877,813,067

*Includes "solvent credits."

†Money only.

FOR THE YEAR 1908, AND RATE OF TAXATION (STATE RATE 40 CENTS).

Value of Railroads as Assessed by State Board of Equalization	Grand Total Value of all Property	Original Assessed Value of Mortgages	Assessed Value of University and other State Mortgages	Funded Debt	Floating Debt with Estimated Interest	Total County Indebtedness	Total State and County Rate of Taxation each \$100.
\$3,508,767	\$186,892,225	\$19,256,725	\$954,900		\$119,104.28	\$119,104.28	\$1.36 — \$1.76
	505,430	64,770		\$4,000	12,600.00	16,600.00	— 2.25
171,539	5,549,443	388,999				38,000.00	1.55 — 2.00
2,040,499	20,719,555	1,525,385		38,000			1.65 — 2.05
327,617	6,490,982	618,345					— 2.10
744,791	13,000,146	1,698,270				161,000.00	1.20 — 1.60
3,034,833	29,405,603	4,173,190		161,000		13,958.00	1.10 — 1.50
	3,866,790	755,000			13,958.00		1.50 — 1.85
676,507	5,799,292	296,965					1.60 — 2.00
6,144,743	50,486,541	4,596,113		20,000		20,000.00	1.20 — 1.60
1,235,624	12,027,466	1,350,088		10,000		10,000.00	1.85 — 2.25
	28,507,647	2,857,878					1.30 — 1.90
1,928,198	7,409,639			55,000		55,000.00	1.90 — 2.50
395,255	3,939,255			235,000		235,000.00	1.80 — 2.10
5,581,055	32,308,498	1,191,775					1.25 — 1.50
1,081,445	10,120,697	721,375					1.25 — 1.65
	3,678,861	348,585		37,000		37,000.00	1.70 — 2.20
505,227	6,436,035	505,612					1.40 — 1.80
8,104,172	407,666,294	4,694,925	704,750	31,000		31,000.00	1.10 — 1.70
1,981,068	9,438,553	380,220					1.55 — 1.95
1,507,934	18,569,594	3,076,950	50,000	86,000		86,000.00	1.13 — 1.50
215,620	2,393,904	90,460		3,000		3,000.00	2.50
1,120,897	14,948,857	1,389,598	30,000	77,500		77,500.00	1.32 — 1.72
3,322,674	18,041,385	1,641,027	35,885	90,000		90,000.00	1.45 — 1.85
33,600	5,230,186	554,156					1.35 — 1.75
62,015	1,273,860	35,265					1.35 — 1.65
3,002,491	23,304,612	2,058,935		86,000	3,440.00	89,440.00	2.25
1,272,490	15,720,270	1,861,800					1.30 — 1.80
1,199,853	7,976,508	366,930					1.26 — 1.62
2,642,435	20,213,109	267,023		60,000		60,000.00	2.00 — 2.50
3,908,424	11,932,139	658,170		28,000		28,000.00	1.30 — 1.70
291,214	5,598,674	258,642		135,100		135,100.00	1.45 — 1.85
4,325,446	21,874,067	84,092		150,000		150,000.00	2.00
2,498,331	57,679,076	446,380		1,665,000	74,925.00	1,739,925.00	1.35 — 1.85
400,031	7,062,961	1,407,860		42,000		42,000.00	1.66 — 1.66
12,343,960	33,040,625	530,820					1.67 — 2.00
2,185,981	31,447,399	746,853					1.60 — 2.20
875,511	454,708,331	67,361,511	553,000	3,439,800		3,439,800.00	1.50 — 2.10
4,422,641	44,383,619	4,262,053	44,125				1.90
1,792,069	17,004,669	1,889,790		103,000		103,000.00	1.25 — 1.65
717,143	26,003,863	3,181,725		198,000		198,000.00	1.45 — 1.85
2,780,355	25,380,605	5,226,720					1.16 — 1.66
1,913,728	63,493,913	6,548,175		302,000		302,000.00	1.60 — 2.00
788,475	16,630,115	1,943,000	10,000				1.24 — 1.64
2,755,059	15,489,792	969,050		13,000		13,000.00	1.55 — 2.15
265,529	2,373,312	92,680					1.75 — 2.10
2,791,982	17,449,660	1,417,790					1.75 — 2.25
1,631,586	20,862,269	2,984,734					1.06 — 1.45
2,993,630	35,403,855	4,655,950	50,000	280,000		280,000.00	1.35 — 1.75
2,773,274	17,016,224	2,816,955			2,202.00	2,202.00	1.55 — 1.90
1,057,167	7,283,735	938,460					1.20 — 1.60
1,740,500	13,519,660	1,463,670	10,000	8,250		8,250.00	1.70
	2,830,322	122,261					1.22 — 1.60
4,483,216	25,819,396	3,171,820					2.25
500,486	7,679,677	1,267,880					1.30 — 1.70
2,347,833	13,073,539	145,609					1.40 — 2.00
1,904,670	18,298,255	2,153,530					2.35 — 2.75
867,572	7,137,557	581,085			21,436.41	21,436.41	1.05 — 1.45
							2.30 — 2.70
\$116,698,162	\$1,994,511,229	\$174,073,728	\$2,442,650	\$7,357,650	\$247,665.69	\$7,605,315.69	

NOTE.—Where two rates of taxation are given, the lesser rate is that levied upon property situate within the limits of incorporated cities or towns, such property

Assessor's Report

San Francisco, Cal., July 17, 1908.

To His Honor, Edward R. Taylor,
Mayor of the City and County of San Francisco.

Dear Sir:

The Assessment Roll for the fiscal year, 1908-1909, has been completed. The assessment of this year is of exceptional interest, showing as it does, our City's remarkable progress during the past two years.

The total assessment of all property amounts to \$453,551,184.00, which is a gain of \$23,900,000.00 over last year's assessment.

The assessment is made up of the following items:

Real Estate	\$258,642,215.00
Buildings	90,996,500.00
Personal Property	103,912,469.00

The greatest gain is in the assessment of buildings, which is \$24,181,299.00 greater than that of last year. If, however, the assessment of this on buildings, is compared with that of 1905, the year preceding the fire, it will be observed that the present assessment on buildings is but \$6,833,665.00 less than that of 1905. A more remarkable fact is that the assessment next year on buildings now in the course of construction will increase the total assessment of buildings beyond that of 1905, or of any year in our City's history.

An interesting comparison is shown by the assessments given below, the first being that of the year preceding the fire, the second that of the year following and the last being that of this year:

	1905	1906	1908
Real Estate	\$304,136,185.00	\$237,082,752.00	\$258,642,215.00
Buildings	97,830,165.00	50,250,480.00	90,966,500.00
Personal Property	122,264,596.00	88,805,510.00	103,912,469.00
Total	\$524,230,946.00	\$376,138,742.00	\$453,551,184.00

While the total assessment of real estate for this year is about the same as that of last year, it must not be inferred that no relief has been granted to such real estate in the burned area as has markedly depreciated in value. Reductions which aggregate several millions have been made in the assessment of such real estate, but these have been offset by the gain in values made in certain outlying sections of the City which have enhanced in value since the fire, by reason of the shifting of population to these districts.

It is true that greater reductions could justly and reasonably be made in the assessment of considerable real estate in the burned district. The undersigned, however, was limited in the reductions by the City's needs in the way of revenue. The Roll, returned, it will be observed, is but little in excess of the estimated amount which the Honorable Board of Supervisors adopted last month, and on which amount it fixed the City's revenues and made the appropriations for our various City departments. Had the assessment been less than the estimate of \$450,000,000.00, the result would be a deficit in our revenues.

It must be apparent that in our present condition with a dollar limit of taxation, and with increased municipal expenditures, due to the great destruction of City property, and to the issuance of bonds, we are prevented from making those reductions in the assessment of real estate which might, in many cases, be justified. It has been our endeavor, however, to assess all real estate on a uniform basis of valuation, that the burden might fall on all evenly.

Taxes on Personal Property unsecured by real estate which are payable to the Assessor, have been promptly paid, and the collections to date have reached the sum of \$625,000.00, as compared with \$416,000 for last year.

Respectfully submitted,

WASHINGTON DODGE, Assessor.

County Clerk's Report

San Francisco, July 1, 1908.

Hon. Edward R. Taylor,
Mayor in and for the City and County of San Francisco.

Honorable and Dear Sir:—

In compliance with Section 9, Article XVI, of the Charter of the City and County of San Francisco, I submit herewith the annual report of the office of County Clerk for the fiscal year 1907-1908.

The office of the County Clerk is now located in the Hibernia Building, No. 9 Jones street, occupying the first and seventh floors of said building. The office is modestly furnished and conveniently arranged with counters, desks, book racks and metal filing cabinets, presenting a very business-like appearance.

While the accommodations will answer for the present, I would respectfully suggest that as soon as practicable a fireproof office should be provided for the County Clerk, to protect the many thousands of valuable records against another loss by fire.

Having systematized the work of the office, and employing only courteous and efficient deputies, who observe and maintain a very thorough discipline, I can safely say that the office is conducted on the highest standard of good government, and to the satisfaction of the Bench, Bar and Public.

The work of every department is up to date, particularly the Civil and Probate Departments; all orders and decrees are recorded and docketed immediately, and every record and filing is always in its proper place.

The great volume of business transacted in the Quiet Title Department, and the thousands of decrees recorded by a limited number of copyists, reflects great credit upon that department. The work of this department is nearly up to date, and will be entirely so before the Court vacation season ends. But next year I anticipate that at least thirty thousand quiet title suits will be filed, all of which must go to judgment and be recorded; this will greatly increase the revenue of the office, but it will also be necessary to provide additional help which I hope your Honor will recommend same to the Honorable Board of Supervisors.

As may be seen by reference to the financial statement hereto attached, the office has not only been self-sustaining during the past two fiscal years, but has been a source of revenue to the City and County.

Respectfully submitted,

H. I. MULCREVY,
County Clerk and ex-officio Clerk of the Superior Court of the State
of California, in and for the City and County of San Francisco.

COUNTY CLERK

187

FINANCIAL STATEMENT, FISCAL YEAR 1907-1908.

RECEIPTS.

General Department.....	\$37,533.45	
Civil Department.....	12,435.40	
Probate Department.....	13,917.45	
Quiet Title Department.....	41,725.35	
Marriage License Department.....	8,682.00	\$114,293.65
<hr/>		
Police Court, Department No. 1.....	12,186.00	
Police Court, Department No. 2.....	11,819.00	
Police Court, Department No. 3.....	10,176.00	
Police Court, Department No. 4.....	9,727.00	43,908.00
<hr/>		
Law Library Fees—		
General Department.....	6,711.00	
Civil Department.....	3,688.00	
Probate Department.....	1,762.00	
Quiet Title Department.....	8,179.00	20,340.00
<hr/>		
Fines Imposed by Superior Court.....		1,230.00
<hr/>		
Total Receipts.....		179,771.65
Total Disbursements.....		95,737.50
<hr/>		
Excess of receipts over disbursements.....		84,034.15
<hr/>		
Fiscal year 1906-1907—		
Receipts.....	127,410.50	
Disbursements.....	86,860.00	40,550.50
<hr/>		
Excess of receipts.....		
Total excess of receipts over disbursements Fiscal Years 1906-1907—1907-1908.....		\$124,584.65

GENERAL DEPARTMENT.

Total civil suits filed from April 18, 1906, to June 30, 1908.....	17,455
Total adoptions filed from April 18, 1906, to June 30, 1908.....	76
Total certificates of incorporation.....	4,069
Total certificates of co-partnership.....	256
Auctioneer bonds filed.....	50
Notarial bonds filed.....	45
Oaths of office filed.....	558
Candidates' statements.....	68
Torrens Land Act.....	5

CIVIL DEPARTMENT.

Number of actions filed from April 18, 1906, to June 30, 1907.....	10,572
Number of actions filed from July 1, 1907 to June 30, 1908.....	6,883
<hr/>	
Total number of actions filed from April 18, 1906 to June 30, 1908	17,455
Disposition of cases from April 18, 1906, to June 30, 1907—	
Pending	3,966
Adjudicated	4,430
Dismissed	2,004
Transferred	172

Disposition of Cases from June 30, 1907 to June 30, 1908—		
Pending		4,014
Adjudicated		2,113
Dismissed		682
Transferred		74
Recapitulation from April 18, 1906, to June 30, 1908—		
Pending		7,980
Adjudicated		6,543
Dismissed		2,686
Transferred		246
Total		17,455
Remittiturs Supreme Court, years 1906, 1907, 1908—		
1906:		
Affirmed		17
Reversed		10
Dismissed		4
		31
1907:		
Affirmed		34
Reversed		11
Dismissed		12
		57
1908:		
Affirmed		30
Reversed		6
Dismissed		16
		52
Total		140

JUSTICE COURT APPEALS.

Number of cases from April 18, 1906 to June 30, 1907.....	208	
Number of cases from June 30, 1907 to June 30, 1908.....	144	
Total		352
Disposition of cases from April 18, 1906 to June 30, 1907—		
Pending	138	
Adjudicated	50	
Dismissed	20	
		208
Disposition of cases from June 30, 1907 to June 30, 1908—		
Pending	55	
Adjudicated	60	
Dismissed	29	
		144
Recapitulation from April 18, 1906 to June 30, 1908—		
Pending	193	
Adjudicated	110	
Dismissed	49	
Total		352

COUNTY CLERK

189

QUIET TITLE DEPARTMENT.

Number of actions filed from June 16, 1906 to June 30, 1907....	2,243	
Number of actions filed from July 1, 1907 to June 30, 1908.....	6,763	
	<hr/>	
Total number of actions filed to June 30, 1908.....		9,006
Number of actions adjudicated to June 30, 1908.....	5,244	
Number of actions pending June 30, 1908.....	3,762	
	<hr/>	
Total		9,006
Number of actions filed under Torrens' Act.....	5	
Number of actions adjudicated under Torrens' Act.....	0	

PROBATE DEPARTMENT.

Fiscal Year.....	Estate Commenced					LETTERS ISSUED							Totals.....
	Deceased		Guardianship			Testamentary.....	Administrator	Administrator with Will.....	Special.....	Guardianship.....	Restored.....	Missing Person.....	
	Testate.....	Intestate.....	Minor.....	Incompetent.....	Insane.....								
1906-07.....	593	1215	256	29	50	488	1122	102	225	337	1830	1	3974
1907-08.....	522	915	213	30	37	390	831	100	81	244	386		2103
Totals.....	1115	2130	469	59	87	878	1953	202	306	581	2216	1	6077

Number of cases..... 6077

LICENSE DEPARTMENT.

	1906.	1907-08.
Marriage licenses issued.....	4,856	4,150
Medical certificates recorded.....	87	81
Dental certificates recorded.....	14	37
Optometry certificates recorded.....	44	15
Veterinary certificates filed.....	2	6
Miscellaneous certificates.....	74	85
Hunting licenses issued—		
Resident		1,870
Non-resident		
Foreign.....		10
Docked horses.....	19	1

NATURALIZATION DEPARTMENT.

Declaration of Intention issued prior to October 1, 1906.....	572
Naturalization petitions issued prior to October 1, 1906.....	148
Declaration of Intention issued from October 1, 1906 to June 30, 1908, inclusive	5,197

Declaration of Intention cancelled from October 1, 1906 to June 30, 1908, inclusive	9
Naturalization petitions filed from October 1, 1906 to June 30, 1908.....	1,045
Naturalization petitions granted from October 1, 1906 to June 30, 1908....	632
Naturalization petitions denied from October 1, 1906 to June 30, 1908....	79
Naturalization petitions cancelled from October 1, 1906 to June 30, 1908	19
Naturalization petitions pending from October 1, 1906 to June 30, 1908....	315
Naturalization records restored from April 18, 1906 to June 30, 1908.....	2,515

The present naturalization law was adopted by the Congress of the United States of America and approved by His Excellency, The President. The law became effective June 27, 1906. The enforcement of the law is under the direction of the Department of Commerce and Labor, Division of Naturalization.

The law invests certain courts with authority to naturalize aliens, among the courts specified is our Superior Court, of which the County Clerk is ex-officio Clerk thereof.

In all naturalization matters under the provisions of said law, and in the rules and regulations of the Department of Commerce and Labor, Division of Naturalization, the clerk of the court exercising jurisdiction in naturalization matters has imposed upon him a great many important duties, each and all of which carry with them very grave responsibilities.

If the Clerk makes the slightest error, or violates any of the provisions of the law, or the rules of the Department, he is liable to fine or imprisonment, or both.

When the laws became effective I was advised by eminent counsel that I had authority to act in naturalization matters, and therefore established the department of Pensions and Naturalization in my office, and gave it my close personal attention. I found that this department was a great convenience to the thousands of pensioners who come to the office to have their vouchers verified and sworn to; it also enabled thousands of our naturalized citizens to have their naturalization records restored, said record having been destroyed in the fire of April, 1906.

In the matter of new naturalization, the law provides that the Department of Commerce and Labor, Division of Naturalization, shall furnish the Clerk with all books, blanks, etc. It also provides that certain fees shall be charged petitioners for naturalization, etc., half of said fees to be forwarded quarterly to the Secretary of Commerce and Labor, and the other half to be retained by the Clerk acting as the agent of the Federal Government in naturalization matters.

The fees received in these matters is in no way commensurate with the services rendered, or the responsibilities or liabilities imposed, but I have discharged these duties on the advice of the Judges of the Court, who are acting in these matters, for the reason that it would give our residents who are not citizens, an opportunity to file a petition for naturalization.

In reference to my authority to act in naturalization matters, His Honor Mayor Taylor and I discussed the question, and we agreed to submit the matter to Hon. Percy V. Long, City Attorney. Judge Long agreed to give an opinion on the question, but advised that the entire question be submitted to the Courts for adjudication, which procedure will be followed as stated in my letters to the the Mayor and Judge Long.

STATE HOSPITAL DEPARTMENT.

	1906-07	1907-08
Number of examinations of insane persons.....	702	564
Committed to State Hospital.....	420	351
Examined and discharged.....	260	211
Died	2	2
Number of persons (insane) discharged from State Hospital.....	174	119

COUNTY CLERK

191

FEEBLE MINDED HOME.

Number of examinations.....	21	
Committed to Feeble Minded Home.....	20	
Examined and discharged.....	1	

REPORT OF CRIMINAL DEPARTMENT FOR FISCAL YEAR ENDING
JUNE 30, 1908.

Informations pending June 30, 1907 (Defendants).....	29	
Informations filed during year ending June 30, 1908.....	420	449
Informations dismissed	64	
Convicted	267	
Pending	97	
Reserve Calendar	21	449
Being fugitives from Justice and committed to Insane Asylum or serving term on other charges.		
Indictments pending June 30, 1907 (Defendants).....	239	
Indictment accusation	1	
Indictments filed during year ending June 30, 1908.....	87	327
Indictments dismissed	53	
Convicted	6	
Pending	268	327
Writs of Habeas Corpus—		
Writs pending June 30, 1907.....	5	
Writs issued during year ending June 30, 1908.....	76	81
Writs dismissed, petitioners discharged.....	42	
Writs dismissed, petitions remanded.....	34	
Pending	5	81
Appeals to the Supreme Court and District Court of Appeal—		
Appeals pending June 30, 1907.....	4	
Appeals filed during year ending June 30, 1908.....	18	22
Appeals affirmed	10	
Appeals reversed	1	
Appeals reversed and remanded for trial.....	1	
Appeals pending	10	22
Commitments to Preston School of Industry—		
Committed on Information.....	11	
Committed on Petition.....	2	13
Appeals from Police Court—		
Appeals pending June 30, 1907.....	1	
Appeals filed during year ending June 30, 1908.....	11	12
Appeals affirmed	5	
Appeals reversed	3	
Appeals, Judgment modified	1	
Appeals pending	3	12
Commitments filed of Defendant's held to answer before the Superior Court during year ending June 30, 1908.....		403
Petitions for Commitment of Dependent Children—		
Petitions pending June 30, 1907.....	52	
Petitions filed during year ending June 30, 1908.....	624	676
Number committed to Children's Agency.....	70	
Number committed to Roman Catholic Orphan Asylum.....	30	
Number committed to Mt. Joseph's Orphan Asylum.....	131	
Number restored to custody of parents.....	29	
Number committed to Miss Conlin.....	9	

Number committed to M. J. White.....	4
Number committed to Maud Booth's Home.....	12
Number committed to Holy Cross Convent.....	8
Number committed to St. Francis Girls' Directory.....	17
Number committed to Boy's and Girls' Aid Society.....	8
Number committed to St. Catherine's Home.....	5
Number committed to Ladies Protection and Relief Society.....	8
Number committed to St. Vincent's Orphan Asylum.....	40
Number committed to private guardians	44
Number committed to Youth's Directory.....	9
Number committed to Infants' Shelter	9
Number committed to McKinley Orphanage.....	3
Number committed to Armitage Asylum	8
Number committed to St. Vincent De Paul Society.....	12
Number committed to Children's Hospital	2
Number committed to Telegraph Hill Neighborhood Association.....	1
Number committed to Presbyterian Orphanage	2
Number committed to Glen Ellen	1
Number committed to St. Francis Orphan Asylum, Watsonville	6
Number committed to S. F. Nursery for Homeless Children.....	8
Number committed to Golden Gate Orphanage	2
Number committed to S. F. Children's Orphanage.....	2
Number on probation	2
Number, Parental school	1
Number dropped from Calendar	148
Number dismissed	22
Number pending	23

Report of Superintendent of Schools

REPORT OF THE SUPERINTENDENT OF SCHOOLS OF THE
CITY AND COUNTY OF SAN FRANCISCO FOR THE
YEAR ENDING JUNE 30, 1908.

San Francisco, August 1st, 1908.

To the Honorable Edward R. Taylor, Mayor,
in and for the City and County of San Francisco.

Dear Sir: I have the honor to submit herewith the Annual Report on the condition of the public schools of this City and County, as required by the Charter, for the Fifty-sixth fiscal year of the School Department, ending June 30, 1908.

ALFRED RONCOVIERI,

Superintendent of Common Schools, in and for the City and County of San Francisco.

ANNUAL STATISTICAL REPORT OF THE SUPERINTENDENT OF
COMMON SCHOOL.

FISCAL YEAR ENDING JUNE 30, 1908.

GENERAL STATISTICS.

Population of the City, 1908 (estimated).....	365,000
Number of youth in the City under 17 years of age.....	96,792
Number of youth in the City between 5 and 17 years of age who are entitled by law to draw public money.....	87,696
Assessment roll of the taxable property of the City.....	\$429,632,843.00
City school tax on each \$100, 18.1c (plus 2.4c emergency).....	20.5c
City and county taxes.....	\$864,324.33
Estimated value of school sites	\$4,840,000.00
Estimated value of school buildings	1,229,000.00
Estimated value of school furniture	265,000.00
Estimated value of school libraries	19,000.00
Estimated value of school apparatus	26,000.00
Total value of school property.....	\$6,379,000.00

BOARD OF EDUCATION

195

FINANCIAL REPORT.

DISBURSEMENTS.

	Amount	Total.
SALARIES—		
Teachers—		
High School.....	\$ 159,590.90	
Primary and Grammar, (including Evening, \$65,340 and Special \$19,033.75).....	1,042,474.95	
Janitors—		
High School.....	6,440.00	
Primary and Grammar.....	51,546.85	
Board of Education.....	12,000.00	
Superintendent and Deputies.....	14,747.46	
Secretary and Attachees.....	12,072.65	
Storekeeper and Assistants.....	3,680.00	
Scavenger.....	2,281.00	
Teamster.....	1,450.00	
Superintendent of Repairs.....	2,505.00	
Bookkeeper: Repair Department.....	1,500.00	
Total Salaries.....		\$1,310,288.81
Advertising.....		1,476.71
Cartage.....		2,458.00
Census.....		7,521.25
Conveyances.....		2,582.10
EQUIPMENT—		
Fifty classrooms.....	17,759.64	
Cooking centers.....	332.53	
Manual Training Centers.....	233.05	
Polytechnic High School.....	3,291.18	
Technical Department, Humboldt Evening....	266.45	
Total equipment.....		23,872.85
Fences and benches.....		257.77
Fuel.....		9,547.17
Incidentals and Janitorial supplies.....		11,109.23
LABOR—		
Supply Department.....	12,967.00	
Repair Department.....	26,164.50	
Total labor.....		39,131.50
Light.....		3,257.52
Maps, charts, globes and books.....		3,244.98
Material for regular repairs.....		14,788.50
Printing.....		4,213.77
Rents.....		7,805.10
Roof for Burnett School building.....		312.06
School sites (Visitacion Valley).....		5,950.00
Stationery.....		6,872.94
SUPPLIES—		
High School.....	6,817.37	
Cooking.....	846.22	
Manual Training.....	1,487.87	
Total supplies.....		9,151.46
Teachers' Annuity Fund.....		3,000.00
Teachers' Institute.....		300.00
Temporary Buildings.....		23,102.18
Water.....		12,589.65
Total ordinary expenses.....		1,500,793.55

(Payable from regular school revenues for year ending June 30, 1908.)

EXTRAORDINARY EXPENDITURES PAID BY BOARD OF SUPERVISORS

	Amount	Total.
Deficit for year 1906-07 (contracted by Board of Education in constructing and equipping necessary temporary buildings).....	\$151,009.06	
Rehabilitation Fund.....	38,938.01	
"Back Salary Claims".....	23,142.50	
Total extraordinary expenditures.....		213,089.57
Expended from Bond Fund.....		220,472.14
Grand total of money expended on Public Schools.....		\$1,934,355.26

RECEIPTS.

	Amount	Total.
City and County taxes, year ending June 30, 1908 (Auditor's figures).....	\$764,324.33	
Emergency tax (2.4c).....	100,000.00	
State apportionment (High School).....	21,762.40	
State apportionment (Primary and Grammar).....	558,585.45	
Insurance.....	2,000.00	
Old material and miscellaneous.....	1,718.15	
Rents.....	451.40	
Total ordinary revenue.....	1,448,841.73	
GRANTS BY SUPERVISORS—		
Deficit, 1906-07.....	151,009.06	
Rehabilitation Fund.....	40,100.00	
"Back Salary Claims".....	23,142.50	
Total.....	214,251.56	
Bond money.....	220,472.14	
Grand total receipts.....		1,883,565.43
Apparent deficit.....		50,789.83
Add unexpended balance, "Rehabilitation Fund"		1,161.99
Real deficit.....		51,951.82

This deficit was caused in the following manner: The Board of Supervisors appropriated \$1,500,000.00, assuming that the revenue from rents, etc., and State apportionments would exceed \$660,000.00. This revenue was but \$584,517.40, or over \$75,000 below estimate. The Board of Education, however, knowing that, by law, it was entitled to the appropriation intact, audited 1-12 of \$1,500,000.00 per month, thus expending \$1,500,000.00, when less than \$1,449,000.00 were received.

. COST PER PUPIL.

(a) For instruction only.

	Per Pupil enrolled.	Per Pupil in Average Attendance. Daily
High Schools.....	\$53.41	\$78.88
Primary and Grammar Schools.....	25.54	32.76
Evening Schools.....	9.09	31.18

(b) For all expenditures, including maintenance, buildings, sites and furniture.

	Per Pupil enrolled.	Per Pupil in Average Daily Attendance.
High Schools.....	\$78.28	\$115.66
Primary and Grammar Schools.....	42.23	53.62
Evening Schools.....	14.17	48.61

SALARY SCHEDULE, 1907-1908.

All salaries are paid twelve months to the year.

To Whom Paid.

Per Month.

Board of Education (4 members), each.....	\$250.00
Secretary of Board of Education.....	150.00
Clerk of High School Board.....	50.00
Superintendent of Common Schools.....	333.33
Deputies (4), each.....	225.00

HIGH SCHOOLS.

Principals	250.00
Vice-Principals	180.00
Heads of Departments.....	150.00
Heads of Departments in Science.....	160.00
Assistant Teachers (3 years on probation).....	120.00
Assistants after 1 year's experience.....	130.00
Assistants after 2 years' experience.....	140.00
Assistants after 3 years' experience.....	145.00
Teachers of Drawing.....	125.00
Head Teacher, Drawing, Wood-carving and Clay Modeling (Miss Van Vleck), Polytechnic High School.....	145.00
Assistant to Miss Van Vleck (Miss Murdock).....	100.00
Teachers of Modern Languages, Girls' High and Polytechnic High Schools	125.00
Teacher, Spanish, Commercial High School.....	145.00
Teacher, Iron Work, Manual Training Department, Polytechnic High School	150.00

PRIMARY AND GRAMMAR SCHOOLS.

To Whom Paid.	Per Month.
Principal Grammar Schools.....	180.00
Vice-Principals, Grammar Schools.....	125.00
Principals Primary Schools, 14 or more classes.....	150.00
Principals Primary Schools, 10, 11, 12 or 13 classes.....	130.00
Principals Primary Schools, 4, 5, 6, 7, 8, or 9 classes.....	120.00
Principals Primary Schools, 2 and 3 classes.....	105.00
Teachers in charge of Primary Schools, 1 class.....	105.00

REGULAR TEACHERS OF GRAMMAR AND PRIMARY GRADE CLASSES.

Grades will be designated as 1st, 2nd, 3rd, 4th, 5th, 6th, 7th, and 8th.

1st, 7th, and 8th Grades—	Per Month.
First year.....	\$69.00
Second year.....	72.50
Third year	75.25
Fourth year	79.00
Fifth year	83.50
Sixth year	77.25
Seventh year	91.00
Eighth year	94.00
2nd, 3rd and 4th Grades—	
First year	69.00
Second year	71.25
Third year	73.50
Fourth year	77.00
Fifth year	80.25
Sixth year	83.50
Seventh year	87.00
5th and 6th Grades.....	97.00

Assistants in Primary and Grammar Schools teaching German and English, or English and French, or Music and English, having special certificates to teach such special subjects, \$5.00 per month, in addition to their salaries according to the schedule. Any one special subject, \$5.00 extra.

In fixing the salary of a teacher, after election as a regular teacher, credit shall be given such teacher for experience from the date of his or her appointment on the Substitute List.

Teachers of the Day Substitute Class shall be paid \$3.00 per day.

Substitutes teaching in High Schools shall receive \$5.00 per day while actually engaged in work.

Teachers of the Evening Substitute Class shall receive \$2.50 for each evening that they teach and \$1.00 per evening for reporting.

EVENING SCHOOLS.

The salaries of Principals of Evening Schools shall be as follows:

	Per Month.
Of Humboldt Evening School.....	\$125.00
Of Schools having 300 or more average daily attendance.....	100.00
Less than 300 in average daily attendance.....	85.00
Assistants in Evening Schools.....	50.00
Teacher High School Class, Humboldt and Washington Evening.....	60.00
Head Teacher of Mechanical Drawing, Humboldt School.....	100.00
All High School branches.....	60.00

DEPARTMENT AT LARGE.

Vocal Music, Supervisor.....	150.00
Assistant Teachers of Music.....	90.00
Supervisor of Drawing.....	150.00
Assistant in Drawing.....	90.00
Teachers of Physical Culture.....	100.00
Supervisor of Cooking.....	100.00
Assistant Teachers of Cooking (4).....	75.00
Supervisor of Manual Training.....	150.00
Assistants of Manual Training (6).....	100.00

OFFICE AND SHOP EMPLOYEES.

Financial Secretary.....	160.00
Recording Secretary.....	150.00
Stenographers, Board of Education and Superintendent's Office (3).....	80.00
Messenger, Board of Education.....	95.00
Messenger, Superintendent's Office.....	85.00
Telephone Operator.....	60.00
Storekeeper.....	150.00
Assistant Storekeeper.....	125.00
Foreman Storeroom.....	115.00
Inspector of Buildings and Head Carpenter.....	175.00
Storekeeper (Shop).....	125.00
Scavenger.....	157.00
Teamster, Supply Department.....	115.00

FINES AND DEDUCTIONS.

Fine 50 cents for tardiness day school (passed May 31, 1899).

Fine 50 cents for tardiness evening school (passed May 10, 1899).

Fine \$2.50 for failure to acknowledge receipt of circulars or letters from office (passed March 29, 1899).

Deduction of one-thirtieth for each day's absence.

No excuse to be absent from school, with pay, shall be granted to any principal or teacher of this Department, except under suspension of rules, and by special action of the Board of Education (passed June 14, 1899, and adopted by the present Board), except for three days, on account of the death of a relative within the first degree of consanguinity, or of husband or wife (passed September 1, 1899).

Fine \$5.00 for principals failing to make correct report of absentees on last school day of month.

JANITOR'S SALARIES.

\$5.00 per classroom up to and including 10 classrooms.

\$4.50 per room, in excess of 10 rooms (except where this rate is impracticable).

AVERAGE ANNUAL SALARIES.

	Male.	Female.
Superintendent of Schools (1).....	\$4,000.00	
Deputy Superintendents of Schools (4).....	2,700.00	
School Directors (4).....	3,000.00	
Principals of High Schools (5).....	3,000.00	
Principals of Primary, and Grammar Schools.....	2,035.40	\$1,695.24
Teachers in High Schools.....	1,774.71	1,587.24
Teachers in Grammar Schools.....	1,240.00	1,106.70
Teachers in Primary Schools.....		1,053.11
Teachers in Evening Schools.....	746.84	626.00
All Teachers, Principals and Superintendents.....		\$1,149.44

MEDAL FUNDS.

Name of Fund.	Deposited in	In Fund June 30, 1908
Bridge Silver Medal.....	Hibernia Savings & Loan Society..	\$2,029.01
Denman Grammar School....	Hibernia Savings & Loan Society..	1,063.90
Denman Silver Medal.....	German Savings & Loan Society....	2,013.23
Hancock Grammar School....	German Savings & Loan Society....	543.56
Jean Parker Gram. School..	German Savings & Loan Society....	444.87
John Swett Gram. School....	Hibernia Savings & Loan Society..	248.42
Lincoln Grammar School....	Hibernia Savings & Loan Society..	2,676.29

SCHOOLS.

Number of High Schools	5
Number of Grammar Schools	27
Number of Primary Schools	49
Number of Evening Schools	8
Total number of Schools.....	89
Number of brick school buildings owned by the Department.....	1
Number of wooden school buildings owned by the Department.....	80
Number of buildings or rooms rented by the Department.....	21
Total number of buildings used by the Department.....	102

NUMBER OF TEACHERS IN DEPARTMENT, JUNE, 1908.

	Men.	Women.	Total.
Number of teachers in High School.....	40	46	86
Number of teachers in Grammar Schools.....	18	318	336
Number of teachers in Primary Grades.....	1	510	511
Number of teachers in Evening School.....	38	60	98
Number of Substitutes and unassigned teachers, Day Schools.....	1	27	28
Number of unassigned teachers, Evening Schools.....	1	11	12
Number of teachers of Manual Training.....	8		8
Number of teachers, Cooking.....		7	7
Number of teachers, Music.....		4	4
Number teachers, Drawing.....		2	2
Teachers of Physical Culture.....	2		2
Special teacher of Reading.....		1	1
Total number of teachers in Department	109	986	1095
Whole number of Principals (included in total)	24	65	89
Number of Principals not required to teach a class (included in total).....	22	50	72
Number of Vice-Principals (included in total)	7	26	33

LENGTH OF SERVICE OF TEACHERS, COUNTING ONLY THEIR SERVICE
IN SAN FRANCISCO PUBLIC SCHOOLS.

Years of Service.	Men.	Women.	Total.
Less than 1 year.....	2	9	11
1 year.....	7	55	62
2 years.....	4	15	19
3 years.....	10	98	108
4 years.....	5	43	48
5 years.....	8	42	50
6 years.....	7	31	38
7 years.....	8	33	41
8 years.....		3	3
9 years.....	3	1	4
10 years.....	6	52	58
11 years.....	3	55	58
12 years.....	2	33	35
13 years.....		16	16
14 years.....	4	18	22
15 years.....	3	37	40
16 years.....	3	25	28
17 years.....	2	23	25
18 years.....	4	19	23
19 years.....	2	28	30
20 years.....	2	16	18
21 years.....	5	26	31
22 years.....		24	24
23 years.....	1	30	31
24 years.....	1	14	15
25 years.....	1	18	19
26 years.....		15	15
27 years.....	1	13	14
28 years.....	1	19	20
29 years.....		18	18
30 years.....		29	29
31 years.....	1	21	22
32 years.....	1	17	18
33 years.....		8	8
34 years.....	1	20	21
35 years.....		14	14
36 years.....	2	9	11
37 years.....		5	5
38 years.....		9	9
39 years.....	2	6	8
40 years.....		5	5
41 years.....		6	6
42 years.....	2	1	3
43 years.....		3	3
44 years.....		2	2
45 years.....			
46 years.....			
47 years.....			
48 years.....		1	1
49 years.....			
50 years.....		2	2

SCHOOL ENROLLMENT AND ATTENDANCE FOR THE YEAR ENDING
JUNE 30, 1908.

Enrollment.	Increase over 1907.	For year ending April 17, '06
High Schools.....	2,990	5,188
Primary and Grammar Schools.....	37,866	47,661
Evening Schools.....	7,189	4,993
Totals.....	48,045	57,782

Average Daily Attendance.	Increase over 1907.	For year ending April 17, '06
High Schools.....	2,023	3,211
Primary and Grammar Schools.....	29,812	35,753
Evening Schools.....	2,096	2,967
Totals.....	33,931	41,931

ENROLLMENT BY GRADES.

	Boys.	Girls.	Totals.
First Grade.....	5,515	4,680	10,195
Second Grade.....	2,858	2,432	5,290
Third Grade.....	2,546	2,316	4,862
Fourth Grade.....	2,481	2,392	4,873
Fifth Grade.....	2,190	2,140	4,330
Sixth Grade.....	1,637	1,951	3,588
Seventh Grade.....	1,249	1,506	2,755
Eighth Grade.....	800	1,173	1,973
Totals.....	19,276	18,590	37,866
First Year High School.....	450	791	1,241
Second Year High School.....	289	746	1,035
Third Year High School.....	183	270	453
Fourth Year High School.....	95	166	261
Totals.....	1,017	1,973	2,990

CENSUS.

I have estimated the population of this City to be 365,000, ascertained in the following manner:

The entire population of the City and County is determined by multiplying the number of school census children between the ages of 5 and 17 (87,696) by 4.1, this being the ratio which existed in 1900, between the number of such children and the population as determined by the federal census. To be exact, the figure for this year would be 359,554, but I have allowed 6,500 for a possible excess. I desire to explain the manner in which the factor 4.1 was obtained. The ratio which existed between the entire population of the State of California, as shown by the federal census of 1900, and the number of school census children between the ages of 5 and 17 years at that date, was 3.9. The ratio in San Francisco as has already been stated was 4.1 being, as will be observed, above the average. It must be remembered that the figure setting forth the number of census children in the various counties between 5 and 17 years of age is as liberal as it possibly can be, inasmuch as school authorities in each county give special instructions to census marshals to find every child between those ages, because, upon that number, State school money is apportioned to the various counties of the State. This ratio in Alameda county is 3.8; in Contra Costa county, 4.1; in Fresno county, 3.9; in Humboldt county, 3.7; in Inyo county, 4.4; in Lake county, 3.6; in Los Angeles county, 3.4; in Monterey county, 3.7, and in Sonoma county, 3.9. In the City of Alameda, 4; in the City of Berkeley, 3.9; in the City of Fresno, 3.8; in the City of Los Angeles, 3.2; in the City of Oakland, 3.9; in the City of Stockton, 5; in the City of Sacramento, 5, and in the City of San Jose, 3.65.

The ratio used by the State Superintendent of Public Instruction for the entire State for this year was 4, showing that the factor 4.1, used by my office to determine the population of San Francisco is liberal.

CENSUS.

	1906.	1907.	1908.
Children 0 to 17 years.....	125,191	90,955	96,640
Children 5 to 17 years.....	101,836	77,367	87,696
Population of City and County estimated on above.....	420,000	325,000	365,000

PRINCIPAL ITEMS OF THE SCHOOL CENSUS REPORT SUBMITTED BY
CHIEF CENSUS CLERK, HON. SAMUEL H. BECKETT, FOR THE YEAR
ENDING JUNE 30, 1908, AS COMPARED WITH THE CORRESPONDING
REPORT FOR THE YEAR ENDING JUNE 30, 1907.

Number of white children between 5 and 17 years of age—

Boys	43,650
Girls	43,301
Total.....	86,951
School Census, 1907.....	76,589
Increase	10,362

BOARD OF EDUCATION

205

Number of Negro children between 5 and 17 years of age—		
Boys	44	
Girls	29	
	<hr/>	
Total	73	
School Census, 1907.....	51	
	<hr/>	
Increase		52
Number of Native born Mongolians between 5 and 17 years of age—		
Boys	392	
Girls	279	
	<hr/>	
Total	671	
School Census, 1907.....	726	
	<hr/>	
Decrease		55
Total number of census children between 5 and 17 years of age, including 1 Indian.....		87,691
	<hr/>	
School Census, 1907.....	77,367	
	<hr/>	
Increase		10,324
Number of children under 5 years of age—		
White	8,848	
Negro	6	
Mongolian	242	
	<hr/>	
Total	9,096	
School Census, 1907.....	13,588	
	<hr/>	
Decrease		4,492
Nativity of children—		
Native born	96,640	
Foreign born	152	
	<hr/>	
Total	96,792	
School Census, 1907.....	90,955	
	<hr/>	
Increase		5,837

MISCELLANEOUS.

Number of graduates from the grammar school for the year—		
Boys	579	
Girls	881	
	<hr/>	
Total	1,460	
Number of graduates from High Schools for the year—		
Boys	57	
Girls	164	
	<hr/>	
Total	221	

SCHOOL ENROLLMENT AND ATTENDANCE AND CENSUS STATISTICS FOR YEARS ENDING

	June 30, 1906			June 30, 1907			June 30, 1908		
	Enrollment	Enrollment	Decrease	Enrollment	Enrollment	Decrease	Enrollment	Enrollment	Decrease
High School.....	5,188	2,823	2,365	2,990	2,990	167 inc. over 1907	2,990	2,990	57 dec. from 1907
Primary and Grammar.....	47,661	37,923	9,738	37,866	37,866	2,256 inc. over 1907	37,866	37,866	
Evening.....	4,933	4,887	46	7,189	7,189		7,189	7,189	
Total.....	57,782	45,633	12,149	48,045	48,045		48,045	48,045	
	Average Daily Attendance	Average Daily Attendance	Decrease	Average Daily Attendance	Average Daily Attendance		Average Daily Attendance	Average Daily Attendance	
High School.....	3,211	1,762	1,449	2,023	2,023	261 inc. over 1907	2,023	2,023	261 inc. over 1907
Primary and Grammar.....	35,753	26,765	8,988	29,812	29,812	3,047 inc. over 1907	29,812	29,812	3,047 inc. over 1907
Evening.....	2,967	1,402	1,565	2,096	2,096	694 inc. over 1907	2,096	2,096	694 inc. over 1907
Total.....	41,931	29,929	12,002	33,931	33,931		33,931	33,931	
Children 5 to 17 years.....	101,836	77,367	24,469	87,696	87,696	10,329 inc. over 1907	87,696	87,696	10,329 inc. over 1907
Children 0 to 17 years.....	125,191	90,955	34,236	96,640	96,640	5,685 inc. over 1907	96,640	96,640	5,685 inc. over 1907

(Estimated population of the City and County of San Francisco, April, 1908, 365,000.)

SCHOOL ATTENDANCE AND POPULATION.

The figures set forth in the school census taken during April, 1908, and in the reports of Principals on school attendance, demonstrate the fact that San Francisco is quickly regaining its population. The city has gained about 35,000 people during the past year and the prospects are excellent that by 1910 the population will surpass what it was at the time of the earthquake and fire.

The table on the following page indicates the decrease and increase since April, 1906.

SALARIES OF TEACHERS.

It is gratifying to record the fact that the salaries of the teachers have been increased during the year about twenty per cent. This increase should be safe-guarded by an amendment to the Charter providing that the salary fund be increased from \$28 to \$50 per pupil in average daily attendance.

SCHOOL RECONSTRUCTION FUND.

Immediately after the conflagration of 1906, teachers and pupils of many cities, towns and school districts made contributions to aid in the reconstruction of school buildings.

My last report showed a balance in the fund of..... \$28,791.41

Received since that time:

1907.			
Aug. 29.	} "Citizen" San Francisco.....		30.00
Sept. 5.			
Sept. 11.			
Oct. 1.	School Children, Manitowoc, Wis.....		12.10
Dec. 10.	Interest		192.74
Jan. 20.	From County Superintendent of Schools, Audubon, Ia.		22.85

DRAFTS.

Oct. 16.	Voucher No. 21, Lester Herrick & Herrick....	\$ 25.00	
Nov. 8.	Voucher No. 22, Phillips & Van Orden Co., Printing	228.00	
Jan. 3.	Cheque to order of A. Lacy Worswick, Archi- tect, for preparation of Plans and Specifi- cations for Yerba Buena School.....	700.00	
Jan. 3.	Crocker & Co., for printing 5,000 copies of financial statement of Reconstruction Com- mittee	120.00	1,073.00
Balance in Fund on Special Deposit, City Treasury.....			\$27,976.10

It was decided to construct a school building commemorating these dona- tions, to cost \$60,000, and to be known as the Yerba Buena School, Yerba Buena being the original Spanish name of the peninsula of San Francisco. The Board of Supervisors has guaranteed \$32,000, and the building is being constructed.

SWIMMING.

One who has acquired the art of swimming is possessed of an accomplishment,—the means of indulging in a most healthful exercise and in safe-guarding life in time of danger.

There are numerous and urgent requests that swimming instruction be provided for certain grades of public school children and for such persons as might wish to pay for instruction.

Franklin believed that swimming should be a part of national education and it is to be hoped that Boards of Education may make instruction in swimming a part of the practical physical education of school children.

Therefore, I earnestly recommend that the Board of Education lease the premises formerly occupied by the Lurline Bath Company, making necessary improvements thereon and furnish instruction to public school children in the art of swimming. The expenses for the operation of the swimming tank and for instruction to be paid from the revenue derived from rents of school property.

REPORTS.

No printed report on the condition of schools of this City and County has been issued since 1902. The office of Superintendent has been unable to satisfy either the local demand for such reports nor to exchange with the Superintendents of other cities. This has been commented upon unfavorably, and it illy becomes the largest city of the State and Pacific Coast not to furnish these reports when every other city of this State and of the other states having a population of 8000 or more issues them annually. I therefore recommend that the Superintendent's reports for 1906, 1907, and 1908 be printed for distribution.

STATE AID FOR OUR EVENING SCHOOLS.

The electors will have an opportunity at the general election to be held in November, 1908, of adopting or rejecting what is designated as Assembly Constitutional Amendment No. 8, proposing to amend Section 6 of Article IX of the Constitution of the State of California, defining the public school system.

This section now provides that the public school system shall include primary and grammar schools * * * and that the entire revenue derived from the State School Fund and from the general state school tax shall be applied exclusively to the support of the primary and grammar schools. The purpose of the proposed amendment is to include in the school system the elementary evening schools. It reads as follows: "The public school system shall include day and evening elementary schools, and such day and evening secondary schools, normal schools and technical schools as may be established by the legislature or by municipal or district authority. The entire revenue derived from the state school fund and from the general state school tax shall be applied exclusively to the support of day and evening elementary schools * * * ."

The City and County maintains eight evening schools at an annual expense of about \$70,000. During the year ending June 30, 1908, there were enrolled in these schools 7,189 (5,962 boys and 1,227 girls) pupils, all over fourteen years, 85% of whom were employed during the day.

San Francisco and other cities of our State maintain evening schools entirely at their own expense. Is it just? Is not a boy or girl toiling during the day for a living yet possessed of such ambition and desire for self-improvement as to forego pleasure or rest during the evening, as valuable to the State and as worthy to receive State aid as the boy or girl attending school during the day? The adoption of this amendment would not increase state taxes

but would increase the school revenue for this City, because the pupils, in average daily attendance in the evening schools, would participate in the apportionment of state school money. The average daily attendance of last year in the schools would have added \$21,900 to the school fund of this City without increasing state taxes one cent.

Well taught evening schools are a most valuable feature of a school department. They furnish an opportunity for self-improvement to persons who are ambitious but whose circumstances will not allow them to take advantage of day school instruction. They have a good effect on the citizenship of the municipality, especially when the percentage of foreign-born people is large as here.

SCHOOL VISITATION.

During the past year the Superintendent and his deputies have made 4,049 visits to schools and classes. Material conditions and educational work have been inspected and examined. On the information gained by these visits reports have been made to the Board of Education. The good has been commended, deficiencies indicated and recommendations made for better equipment and operation where the same appeared necessary.

The teachers have labored against disadvantages, two of which are prominent. First the abbreviation of the school year to 188 actual teaching days, and second the presence in some schools of half-day classes. Dividing the day in the occupancy of the same building crippled the work of the Lowell and Girls' High Schools, also that of the Mission High and Commercial Schools. In order to meet the first disadvantage—the abbreviation of the year,—my office issued certain directions to teachers abbreviating the work as scheduled in the Course of Study.

The work of the great majority of teachers has been satisfactory; that of eight only has been reported poor and twenty-one not wholly satisfactory.

CONFERENCES.

The Superintendent and his deputies have met in weekly conferences for the purpose of discussing matters that have appeared from time to time in the course of official work. Plans of action have been formulated, policies adopted and recommendations made to the Board of Education designed to improve educational and material conditions and to adjust differences arising between principals and teachers, and teachers and pupils, and their parents. Much has been accomplished in this manner and official work has been defined and strengthened.

TEACHERS' INSTITUTE.

The Teachers' Institute for the teachers of the public schools of the City and County of San Francisco was convened by County Superintendent, Alfred Roncovieri, at the Auditorium of the Mission High School building on March 25, 26 and 27, 1908.

All the sessions were attended by 1,067 department teachers who were instructed and entertained professionally by the following speakers and themes:

Wednesday, March 25, 1908.

9:30. Opening Address.....Alfred Roncovieri
Superintendent of Schools, San Francisco.

9:45. Lecture, "A Visit to Burbank".....Hon. Edward Hyatt
State Superintendent of Public Instruction.

10:30. Recess.

- 10:45. Lecture, "The Common School".....Dr. Benj. Ide Wheeler
President, University of California.
- 11:30. Lecture, "Characteristics of Spanish America".....Dr. Bernard Moses
Prof. of History and Political Science, University of California.
- 12:30. Adjournment.
- Thursday, March 26, 1908.
- 9:30. Lecture, "The Juvenile Court".....Hon. Frank J. Murasky
Judge of the Superior Court.
- 10:00. Soprano Solo, "Parla".....Arditi
Miss Julie Cotte.
- 10:15. Lecture, "Public Spirit and Education".....Dr. Alexis F. Lange
Professor of Education, University of California.
- 11:00. Recess.
- 11:15. Lecture, "Social and Industrial Education".....
.....Dr. James E. Russell
Dean of Teachers College, Columbia University.
- 12:30. Adjournment.
- Friday, March 27, 1908.
- 9:30. Lecture, "The Ethical Aspect of Teaching".....
.....Dr. James E. Russell
Dean of Teachers College, Columbia University.
- 10:20. Baritone Solo from "Mille. Modiste," "I Want What I Want
When I Want It." (Victor Herbert).....Mr. Arthur Cunningham
(By kind permission, Management Princess Theatre.)
- 10:35. Lecture, "The Forward Look".....Mr. T. L. Heaton
Deputy Superintendent of Schools, San Francisco.
- 11:15. Recess.
- 11:30. Lecture, "The Latest Phase of Government Making in the
Philippines".....Dr. Bernard Moses
- 12:30. Adjournment.

THE CIVIL SERVICE PLAN FOR THE APPOINTMENT OF TEACHERS FOR
THE CITY AND COUNTY OF SAN FRANCISCO.

A sound plan for the selection and appointment of teachers is a much needed reform in the administration of public schools. Established custom and many private and personal interests at first bitterly opposed the competitive civil service system for the appointment of teachers as at present in vogue in the San Francisco School Department; but, after a trial of several years the system has come to stay, for it rests upon correct principles. Practical measures have been adopted for carrying these principles into effect. I believe that public sentiment will formulate our present plan into a law, making it compulsory on all City Boards of Education to select their teachers impersonally and on merit alone. In devising the present competitive system I was guided by the following principles found in a report addressed to the Board of Education in 1901 by a select committee composed of President Jordan, President Wheeler, State Superintendent Kirk, Professor Cubberley, Dr. Burk and Professor Brown.

PRINCIPLES UNDERLYING THE SELECTION OF TEACHERS.

I. The sole purpose of the public schools is education. No consideration whatever, other than educational interests of pupils can honestly enter into any plan for the appointment of teachers. In no sense do the schools exist to provide employment for teachers.

II. No one should be employed as a teacher who does not possess high personal character, liberal education and bodily health and vigor.

III. Successful experience is manifestly the best evidence of fitness for appointment.

IV. Professional training in the principles and practice of teaching is desirable, and is increasingly demanded in systems of public education.

V. The duty of the Board of Education requires that these officers should frequently take the initiative in securing the best possible teachers for the schools under their management. It is not sufficient that they should merely select from the candidates who apply for appointment.

VI. The employment of any sort of personal or political influence to secure appointment to the teaching force, or the urging of any consideration other than fitness for the work of teaching as a ground for such appointment, is held to be an act of unprofessional conduct.

Judging from the splendid corps of teachers which has been selected by our system I can only say that the results obtained have justified the system. I believe that we in San Francisco, approximate an ideal system in the selection and appointment of teachers, but if there are any who think differently we invite their criticism and we will be glad to receive any suggestions that may improve our plan.

As evidence of how impersonally our system works I would cite the fact that the President of one of our Normal Schools told me on an occasion, after an examination, that our system had selected the major part of the most capable graduates of his school. This is to me one of the greatest and most satisfactory proofs of the fact that our system leads to practical results in giving us the best teachers obtainable.

Many of our foremost educators are most emphatic in their advocacy of its adoption for cities, inasmuch as it so closely approximates an ideal system, the adoption of which insures a thoroughly equipped and competent teaching force.

As the real objective end of education is the rearing of a perfect citizen, so should it be the purpose of governing educational bodies to adopt and enforce a system through the exercise of which the services of the most competent pedagogues may be secured. It is not the educational qualifications alone which denote the successful teacher any more than the adoption of an excellent course of study could be said to insure the successful education of a pupil. A teacher must be, aside from the standpoint of academic qualifications, of agreeable disposition, strong personality, good bearing and address, as well as being perfectly sound in health and possessed of sufficient bodily vigor to do effective teaching. The importance of a teacher's life work can not be under estimated. To her is entrusted a solemn, sacred duty, as the child comes directly under her control during its formative period. None can gainsay the fact that the force of the teacher's example and the general environment of the classroom exercise an important part in this impressionable stage of a child's career.

The present competitive civil service method of appointing teachers of the San Francisco School Department has been in force for the past six years, but it was not formally adopted and made a permanent feature of the school administration of this City until May, 1904. In preparing the present competitive plan and in proposing its permanent adoption my object was to eliminate and prevent all political or social "pulls" from exercising their pernicious influences in the conduct of school affairs. The system is simple and has given us splendid results. The competitive examinations are based on questions re-

lating to the theory and practice of teaching, and are both oral and written. They are held annually, generally in June or July. This time of the year is selected because it gives the teachers from every part of the State an opportunity to come to San Francisco to take the examinations. In the written examination which is the first held, ten questions are propounded, five in the forenoon session and the remainder in the afternoon. The papers are submitted to a committee of principals who mark the percentages. This Committee of Examiners consists of ten persons, one and the same question being submitted to each of the Examiners for the determination of the percentage. To insure absolute impartiality a system has been adopted by which the identity of a candidate is completely hidden, and in fact is not divulged or known to any one until the percentages attained by the competitor in both the written and oral examinations have been decided.

The only conditions imposed upon candidates are that they must be the holders of at least a grammar grade certificate, of good moral character, bodily health and vigor.

The oral examination is conducted by the Board of Education, consisting of four members and the Superintendent of Schools. The main object of this examination is to ascertain the candidate's visible qualifications such as age, address, personality, education, experience, conscientiousness, enthusiasm, devotion and force of character. Two hundred is the maximum credits which a candidate may attain, one hundred credits being allowed for each examination.

The favor in which these examinations are held is evident by the increasing number of participants each year.

It is not difficult to account for the eagerness displayed by teachers to secure positions in this City. San Francisco offers the most attractive field of labor on the coast, higher salary, permanent tenure, social and educational advantages, and finally, the enjoyment of a pension at the time of retirement.

While the successful candidate in the examination secures a position in the Department as a member of the Substitute Class, the fact of such membership insures no guarantee of permanency to her position. Her future success or failure and the permanency of position depends upon the results of her own labor, for upon being assigned to a class from the Substitute list she enters upon what is known as a probationary period of two years duration. If upon the expiration of this probationary period, the reports of the principals under whom the teacher has taught are favorable as to her teaching qualifications and ability to enforce discipline, she is elected a regular member of the teaching force by the Board of Education, upon recommendation of the Superintendent. She now becomes what is known as a regular teacher, and the tenure of her occupation is for life, subject, however, to good behavior and efficiency and to her compliance with the rules governing teachers' positions. If, on the other hand, three unfavorable reports are made against a probationary teacher by three principals who have given the probationer a fair trial in classroom work, the probationer is dropped from the roll.

The probationary period under the eyes of competent judges of teachers' work is most important, for upon its successful termination depends the permanent employment of the teacher in the Department.

Even after election to a permanent regular position, under the San Francisco system, the teacher may be dismissed from the Department. But to do this, charges of insubordination, immoral or unprofessional conduct, or evident unfitness for teaching must be made and proved against her in regular form, her accuser must confront her with the charges, and she must be given a fair and impartial trial.

That the competitive civil service examination system is the only method by which teachers should be secured, the most skeptical must admit. Through its practical observation by an honest and loyal Board of Education, ready and willing to enforce the provisions governing the examination tests, the efficiency

of our teachers can be elevated to the highest possible standard. It is my firm belief, after an experience of six years with this system that political pressure, social influence, personal intercession, and the exercise of improper and unworthy considerations must be relegated to the past in the selection of teachers.

Any suggestions that might tend to benefit or perfect the system will be most gladly entertained. The system is a free-for-all competition for a permanent position in the San Francisco School Department. It gives the teachers selected under it dignity, independence and freedom from solicitude by delivering them from the necessity of securing an annual re-election.

The Civil Service plan eliminates completely the appointment of teachers from the activities of politics.

Applicants for positions are not obliged to expend their time, energy and money in "seeing" and "influencing" the members of the City Board of Education or the City Superintendent, nor of importuning their friends to do this for them. Those who are successful in the examination and receive appointments in the order of their rank, are relieved from anxiety and worry and are free to devote all their time to their work. They are not obliged to keep in touch with politicians nor to dance attendance on a too frequently complacent City Superintendent who is himself created by a Board of Education, many members of which are ordinarily controlled by political considerations.

Annually in the months of May and June most of the cities drop all their teachers from the roll. Great injustice is often done at this time. Frequently teachers of excellent character and ability are not re-elected because they are reported as not "satisfactory," which as a matter of fact too often means nothing more than that they are "not politically right."

The San Francisco Civil Service System of selecting teachers removes them from the often baneful influence of an official who holds his position by the grace of politicians and who, to retain it, is compelled to do politics perennially.

I am induced to elaborate thus in explanation of the San Francisco system because at times reflections have been cast upon the teachers and the administration of the San Francisco School Department, by self appointed educational critics holding official positions.

I believe that the school teachers of San Francisco comprise a corps of enthusiastic, able, faithful workers in the great educational system of our State and that this Civil Service plan of electing teachers has resulted, during the past six years, in the acquisition by this Department of the best available teaching talent in California.

I am pleased to note that the San Francisco Civil Service System is attracting favorable attention. The school authorities of the City of Los Angeles have recently adopted it.

PLAN FOR THE APPOINTMENT OF TEACHERS FOR THE CITY AND COUNTY OF SAN FRANCISCO.

The following system of appointing teachers to this Department is solely on merit (and without any reference to personal, social or political influence) —as determined by competitive "Civil Service" examination among applicants who already hold regular teachers' certificates. This system was inaugurated and carried out under the suggestions of Superintendent Alfred Roncovieri. From the standpoint of experience, and having in view the best interests of the children of the School Department which, after all, is the primary consideration, the Board of Education promulgates the following plan for the appointment of teachers:

No one shall be employed as a teacher who does not possess high personal character, liberal education and perfectly sound bodily health and vigor.

The Board of Education shall conduct annually a competitive examination for appointments to the substitute list. All teachers desiring to enter such examinations shall be required to take both a written and an oral examination on the Practice and Theory of Education and such other topics as may from time to time be announced.

The object of these examinations is not to test applicants in primary and grammar studies, but to select the best of those already certificated as teachers. Composition, penmanship and spelling, however, will be considered in the written examination. Applicants must furnish the Board of Education, before the time of the examination, full information relative to their academic preparation, their professional training (if any), and their experience in teaching (if any). Each applicant shall give not less than three nor more than seven references to persons who are competent to speak of his or her fitness for the work of teaching. Such references shall include the persons whose official position enables them to give the most exact and pertinent information with reference to the applicant's scholarship, training, experience and general character and efficiency. The Board of Education will not consider general letters of recommendation; but they will request from the persons referred to by the applicant a confidential statement as to the applicant's qualifications; such statement to be given in answer to a uniform list of questions to be furnished by the Board. The Board will also, in case of doubt, call for and make use of supplementary information, relating to the same set of questions, from other persons who may be deemed competent to speak intelligently of the candidate's qualifications.

At least five days prior to the time of examination, the Board of Education will canvass all of these evidences of qualifications of the several applicants, and will prepare the list of applicants who are to participate in the competitive examination. No applicant shall be included in this list, who does not hold a valid teacher's certificate of a grade not lower than the grammar grade, authorizing him or her to teach in the schools of San Francisco. Nor shall any applicant be included in this list, if the information obtained in the manner described in this section shall indicate, in the judgment of a majority of the Board, that such applicant would not be a suitable person to be appointed as a teacher in the schools of San Francisco.

No applicant shall be privileged to call on the members of the Board individually to press his or her claims for appointment, nor shall the friend of any applicant endeavor to use any personal, political or social influence with any member of the Board.

The employment of any sort of personal, political or social influence to secure appointment to the teaching force, or the urging of any consideration other than fitness, for the work of teaching, as a ground for such appointment, is held to be an act of unprofessional conduct, and shall debar the applicant from taking the examination.

During the oral examination, applicants will have ample opportunity to present in full their fitness and general ability.

If any applicant shall importune any member of the Board of Education, or be a party to importunities by any other person for the purpose of influencing any member of the Board of Education, with any argument or plea for his or her appointment to the Substitute List, assignment to a probationary teaching position, or election to a permanent teaching position (other than evidence of professional qualification for such appointment, assignment, or election), such applicant shall be deemed guilty of unprofessional conduct, and consequently disqualified.

It is the duty of every member of the Board of Education, whenever any such attempt is made to employ personal, political, or any improper influence, in connection with such appointment, assignment, or election to a teaching position, to immediately report the facts to the Board; and the applicant con-

cerned in such attempt shall not thereafter be considered for appointment, assignment, or election to a teaching position by the Board, unless he or she shall satisfy the Board that he or she was not responsible, either directly or indirectly, for the actions so reported.

All assignments to teaching positions in the schools of San Francisco shall be from a Substitute List, and no person shall be appointed to this list, except by a unanimous vote of the Board, after having taken the regular Competitive Examination.

The Substitute List for assignment to positions in Primary and Grammar Schools shall at no time contain more than fifty names, and they shall be appointed to said list as vacancies occur in the order of their credit standing in the annual Competitive Examinations. A new list from which to select substitutes shall be formed annually after the Competitive Examination.

No married woman shall be appointed to any teaching position; and the position of any female teacher appointed after this date shall be declared vacant in case of her marriage.

Vacancies in the corps of regular teachers in Primary and Grammar Schools shall be filled by Probationary Teachers, taken from the Substitute List, in the order of their standing in the Competitive Examinations, the term of probation to date from the time of appointment to regular Substitute List.

Probationary teachers so appointed shall serve a probationary term of two years, from the date of their appointment as a regular substitute, before becoming eligible to be elected Regular Teachers.

After such final election they shall hold their positions for life, provided they shall at all times comply with and be subject to the rules of the Board of Education and the laws of the State, and the Charter of the City and County of San Francisco, so far as the same relate to the School Department.

No one suffering from tuberculosis or offensive catarrh shall be appointed to the Substitute List, and all teachers before being appointed to this list must obtain from one of the consulting physicians of the Board of Education, a certificate showing that the holder is perfectly sound in health, and possessed of sufficient bodily vigor to do effective teaching.

GENERAL PROVISIONS GOVERNING THE COMPETITIVE EXAMINATIONS FOR APPOINTMENT OF TEACHERS.

The Competitive Examinations will be held annually during the summer vacation. Announcement of dates will be made in the official daily newspaper. Examination for 1907 will begin at 9 o'clock on the morning of Wednesday, August 7th.

The Written Examination, at which ten questions are to be propounded for answer by the applicants, will be held in the Mission High School and will occupy the first day, and consist of two sessions, the first in the forenoon, beginning at 9, at which five questions will be given; the second at 2 o'clock, at which the five remaining questions will be given. A number system has been devised by which the identity of the examination papers of the candidates is completely lost, neither the candidates nor any one connected with the examination being able to identify them. In order to secure uniformity in marking and to prevent the personal equation of the examiners working for or against any candidate the answers will be marked, and the percentages determined by ten examiners, and instead of marking entire papers, each examiner will mark only one answer (the answer given to the same question by all the candidates).

The five examination questions for each session are compiled in the following manner:

At 7:30 o'clock on the morning and at 12:30 on the afternoon of the day of the Written Examination, the four School Directors and the Superintendent meet in the Mission High School, and each submits a set of five questions. From these twenty-five questions five are selected after a careful consideration of the value of each one.

After the five questions have been selected, they are at once mimeographed in the presence and under the supervision of the Board and Superintendent, and at 9 A. M. and 2 P. M. sharp, the Examination sessions begin.

Candidates must be in their seats at 8:45 A. M. for the morning session and at 1:45 o'clock for the afternoon session. Candidates may leave the Examination rooms for rest and refreshment as soon as they shall complete their answers to the first five questions of the morning session, but they must return and be in their seats by 1:45 P. M. for the afternoon session.

The examination will be practical rather than academic in its nature and will be such as any well trained teacher of experience should answer. The questions will cover the field of general pedagogy that a teacher must understand to perform her work in the classroom, and will include such special fields as the general aims and principles of education, the general method of instruction, the special aims and methods of teaching the different elementary school subjects indicated in our course of study, classroom management and discipline, school hygiene, and educational psychology. Any standard pedagogical works may be consulted by applicants preparatory to examination. Successful experience, however, is the best preparation.

The Oral Examination will be held in the offices of the Board of Education, Pine and Larkin Streets. That for 1907 will begin on Thursday, August 8th, at 9 o'clock, and continue in morning and afternoon sessions until all applicants shall have been examined. Each candidate will appear before the Board of Education and the Superintendent, and be questioned for some fifteen minutes. His or her apparent fitness for teaching, experience and personality will be considered. Each of the examiners will cast a secret ballot with the percentage to which, in his opinion, the applicant is entitled. The average of these percentages will be taken as the marking for the oral examination.

The relative standing of the applicants will be determined by the combined markings of both the written and oral examinations, 100 credits being the maximum in each, and 200 for the two combined.

The examinations of 1905 were taken by 287 candidates. Of these the first 120 were appointed on the Substitute List, during the school year 1905-06.

The following instructions should be preserved for reference on the morning of the examination, as they must be carefully observed by all the candidates.

Directions to be followed at each session of the Teachers' Annual Competitive Written Examination.

You will find ten sheets of paper, one envelope, a small sheet of paper and a metal "clasp" on your desk.

First—Write your name and address in full on the small sheet of paper, fold it carefully, and place it in the envelope which YOU must seal immediately. Do not write your name or any name or address on anything but the small sheet which you must enclose and seal in the envelope. Any identification mark will exclude your examination paper. Write nothing on the outside of the envelope.

Second—Proceed to reply to the questions, using separate sheets of paper for each answer, supplied you for that purpose. Composition, penmanship and spelling will be considered in the marking. At both morning and afternoon sessions, when finished, clamp your five answers together consecutively, with the "metal clasp" which you will find on your desk, placing the sealed envelope containing your name on top; then deliver the finished set to the "examiner" in charge.

EXPLANATION.

At both the morning and afternoon sessions the envelope, together with the five sheets containing the answers of each candidate, are stamped with the same number. This stamping does not begin, however, until all the examination papers of each session have been turned in by the candidates. The envelope and the set of five answers of each candidate have a different number from those of every other candidate. There being two sessions, the two envelopes and two sets of five answers of each candidate must necessarily be stamped with two different numbers, but in order to avoid confusion the same number is never used twice. The two sets of envelopes (of the morning and afternoon sessions) after having been numbered, are all placed in a box which is locked and sealed and deposited in the safe of the Board of Education. The ten answers, each on a separate sheet of paper, are then given to ten San Francisco school principals, who, acting as examiners, will mark the answers to but one (and the same) question answered by all of the candidates.

After all the answers have been examined and marked, the ten answers of each candidate are re-assembled in two sets of five each and the markings thereon credited to the two numbers which appear on the sheets of the respective candidates. After this work is completed the seal is broken from the box containing the numbered envelopes. This is done in the presence of the Board of Education, Superintendent of Schools, and other public officials. The envelopes are opened, and the identity of the candidate is then disclosed for the first time. The markings of the oral and written examinations are then combined, and the standing of the candidates determined.

The following lists for 1902, 1903, 1904, 1905, 1907, and 1908 will give some idea of the general character of the questions:

QUESTIONS GIVEN IN 1902.

1. Interest. How would you rouse it? Is it all sufficient for accomplishing results?
2. State and describe three essential features of the class recitation.
3. State some IMPORTANT defects of a strictly graded system of classes and give one GOOD remedy for each defect mentioned.
4. Since about 70 per cent of the pupils attending the public schools, on an average, are in the primary grades, which three subjects of instruction do you regard as the most important in training the great mass of our pupils who never enter the grammar school? Give your reasons.
5. Do you think the State School Law which forbids teachers to assign any home-work to pupils under fifteen years of age is a wise provision, and give your reasons for or against this law?
6. What would you do to advance a very diffident or backward child?
7. Discuss the Use and Abuse of Text Books.
8. Discuss discipline, its necessity, aim or aims.
9. Discuss helps to memory.
10. Point out specifically some of the uses and common abuses of the memory in geography teaching, making your explanation show your knowledge of the psychology involved.
11. Explain what is meant by visual, auditory and motor types of thinking, and illustrate by reference to corresponding types of spellers.
12. Why is it that pupils who write neatly in their copy books frequently do much inferior work in original composition? Explain the psychological causes.

QUESTIONS GIVEN IN 1903.

1. What is the ultimate end of education? State specifically some of the things education should do for the individual. For society?
2. Considering the limited time at your disposal for the instruction of a large class, what methods would enable you to give maximum attention to

the special needs of individuals or groups of individuals that are particularly backward or brilliant?

3. How far can you teach parts of one school subject when you are definitely teaching another subject; for example, how far can you correlate geography with history? Should the attention of the child upon the history material be intensified or lessened by such introduction of geography? Point out some dangers in attempting to correlate subjects.

4. What constitutes an ideal teacher?

5. Discuss the intellectual features particularly active in children and educational significance.

6. Give a description of a model lesson in arithmetic in a primary grade.

7. Discuss the development of the imagination in primary grades—its importance—means to secure it.

8. Discuss maintenance of strict discipline. How it may be tempered and how far relaxation from it may be allowed for the sake of promoting interest, emulation, and fellowship between teacher and pupils?

9. How can you make history teaching contribute directly to training for good citizenship? How far would you require children to learn facts of history, such as dates and names? What importance in history teaching would you give to the ideas and sentiments which have been the causes and results of historical events? What feelings should good history teaching awaken in the pupil?

10. Briefly outline the most approved general methods in use for teaching first grade pupils to read, and show by your explanation your comprehension of the mental process involved.

11. State three advantages and three disadvantages of department teaching in grammar grades.

12. Describe briefly any approved general method of teaching:

(a) Rapid and accurate addition.

(b) Geography.

Justify your methods by psychological reasons.

QUESTIONS FOR 1904.

1. Write a model lesson in geography and tell how you would make use of the following in teaching the same: 1, attention; 2, interest; 3, association; 4, memory; 5, imagination.

2. What standards or principles should guide a teacher in advancing or detaining a child at promotion time? Should all subjects have equal weight? If not, suggest some subjects that should have more weight than others. Give reasons in full for your answers.

3. Describe a remedy for each of the following cases: (a) Poor spellers; (b) faulty grammarians; (c) careless calculators; (d) thoughtless memorizing; (e) poor readers.

4. Why is it important to give special attention to ventilation of the schoolroom? Discuss fully the physiological processes involved.

5. What are your standards of good work in composition? Suggest the most effective way or methods of correcting composition in class. In your suggestion explain the defects as well as the merits of your method.

6. Discuss the method best calculated to secure the friendship and co-operation of a class.

7. How would you make use of the school or public library to the best advantage?

8. In teaching literature what would be your chief aims? What are the defects in the present methods? Would you use the sentences in literature as drills in grammar? Give reasons for answers.

9. How would you make the recitation of each pupil an intellectual activity for every member of the class?

10. Outline an inductive lesson in English grammar.

QUESTIONS FOR 1905.

1. By the history lesson, how may patriotism be best inculcated?
2. (a) What studies taught in school are especially adapted to the cultivation of the perceptive faculties?
(b) Give some illustrations.
3. Tell how you would teach a class to add columns of figures with accuracy and rapidity and justify your method by psychological reasons.
4. How would you direct and encourage home reading? Name ten books suitable for Sixth and Seventh grades.
5. Discuss the Art of Questioning with definite suggestions.
6. How would you teach the ready and correct use of the English language to the First, Second, and Third grades of the primary school.
7. How do you teach "pointing off" in division of decimals? Illustrate with examples showing various difficulties that perplex children.
8. Explain the method to be pursued in teaching writing during the first two years' of a the child's school life.
9. If you had a pupil with a remarkable gift of memory who succeeds but poorly in original work, such as composition and arithmetic, how would you work to correct the deficiency?
10. What devices would you employ to keep up a good standard attendance in your class?

QUESTIONS FOR 1907.

1. What are the purposes of school discipline?
What different ways of disciplining children has the teacher at command?
Suggest how you would vary in the use of these means: With incorrigible children as opposed to sensitive children. With boys as opposed to girls.
2. Suggest the various ways by which the teacher may rest a child from mental fatigue resulting from classroom instruction. Discuss the special merits of each way suggested.
3. When you find a pupil of normal mind who does not know how to study, how would you proceed to remedy the condition. Suggest as many detailed ways as you can of giving him desire and power to study by himself.
4. What are the different ways by which you can convey the meaning of an unfamiliar word, phrase, or sentence to a child? Discuss the relative value of each way.
5. What are the different elements which must be associated in the child's mind in order to make him a good speller? Suggest several ways of presenting and associating these elements.
6. What are the main advantages to be derived from nature study? How would you use the school garden and the school excursion in connection with this subject?
7. What are the objects to be kept in view in the teaching of history in the elementary schools? What are the most interesting and valuable kinds of historical facts to be learned in the primary grades? In the grammar grades?
8. In leading a child from home geography to world geography, how would you proceed?
9. State briefly in detail what means you would use in the primary grades to make your pupils speak and write good English.
10. In teaching arithmetic when would you let the child do the work mentally? When have him write it out in full? When mix both methods?

QUESTIONS FOR 1908.

1. There is a growing tendency to abolish corporal punishment as a means of correcting the faults of pupils:

(a) If you had charge of a school in which corporal punishment was not permitted state briefly how you would maintain order in the case of pupils disposed to be unruly.

(b) If you were allowed to inflict corporal punishment at your discretion, in exceptional cases, state some circumstances under which it might, in your opinion, be resorted to as a just and effective mode of correction.

(c) When a teacher decides that a pupil should be punished for wrong doing, what objects should he (the teacher) have in view; that is, what worthy ends would he expect to reach through the infliction of the punishment?

2. What would you do with a pupil who, from absence or other cause, has fallen behind the class?

3. What rules of order would you insist upon to be observed by pupils in passing from the building during fire drill?

4. (a) Tell how you would teach reading to beginners.

(b) Name the important qualities of good reading.

(c) What are the commonest faults which you have found in the reading of children? How would you correct these faults?

5. Our new Course of Study requires an exercise in rapid addition:

Make out a column of figures suited for this exercise, and say how you would best secure speed and accuracy in performing it.

6. (a) What is the main benefit to be derived from the study of general History? Of Geography?

(b) How would you use Geography in connection with History?

7. (a) Describe a good method of teaching the geographical idea of day and night.

(b) What conditions give a country large foreign commerce? Domestic commerce?

8. (a) In what school year would you introduce the regular study of fractions?

(b) With what other rules of Arithmetic would you correlate percentage?

9. Suppose you had charge of an elementary class consisting of pupils of two consecutive grades; make out a program of daily exercises therefor in regular form, showing the grades and divisions taught, the simultaneous work in each, the hour and duration of each subject, and the time for reviews, oral or written.

10. A great many pupils find it extremely difficult to concentrate their attention on the instruction and explanations of the teacher, or to record mentally the most important points set forth in their reading matter. In the case of normal children, what, in your opinion, is the chief cause of this defect, and how would you remedy it?

SCHOOL ACCOMMODATIONS.

Our school buildings are inadequate in number and size. The Board of Education and the Board of Supervisors have been generous in providing temporary and permanent buildings during the last two years. Within a few weeks handsome and permanent buildings will be ready for the accommodation of these schools:

Bay View Grammar,
Glen Park Grammar,
Laguna Honda,
Ocean House,

Bergerot,
Yerba Buena (Lafayette),
Monroe Grammar,
Winfield Scott.

BOND ISSUE.

At the last bond election, May 11, 1908, the Board of Supervisors was authorized by the voters of the City and County of San Francisco to issue bonds to the amount of \$5,000,000 for school houses and lands. In the circular of information issued by the Board of Supervisors previous to the election, the following explanation was given:

SCHOOL BUILDINGS.

"This project is mainly a repetition of a similar one submitted in 1903, for which bonds to the amount of \$3,595,000, were authorized. About \$1,000,000 of the former issue has been sold and the money expended. To carry out the original designs for new school houses and to provide for the replacement of the buildings destroyed by fire (29 in number) the Board of Education estimated an expenditure of \$8,000,000. The Board of Supervisors concluded that at least \$5,000,000 of this sum was an immediate and pressing necessity, and consent of the voters is asked to bond to this amount.

"This sum will, according to the report of the City Architect, provide for the construction of twelve 'Class A' fireproof buildings to be constructed in the fire limits; nineteen 'Special Construction,' i. e. frame buildings covered both on exterior and interior with sheet metal, metal lath, and cement or hard finish. Also three 'Class A' High School buildings and a 'Class C' addition to the Mission High School. Also lands will be acquired for new sites, and additions to present sites to cost \$595,000.

"The schools provided for are named in the architect's report as follows:

"CLASS A" BUILDINGS.

"Adams Grammar School, 12 class rooms. North side of Eddy Street between Van Ness Avenue and Polk Street. Estimated cost, \$120,000.

"Denman Grammar School, 16 class rooms. North side of Page Street, between Steiner and Pierce Streets. Estimated cost, \$160,000.

"Franklin Grammar School, 12 class rooms. Eighth Street, near Harrison Street. Estimated cost, \$120,000.

"Hancock Grammar School, 16 class rooms. Filbert Street, near Jones Street. Estimated cost, \$160,000.

"Jean Parker Grammar School, 16 class rooms. Broadway between Powell and Mason Streets. Estimated cost, \$160,000.

"John Swett Grammar School, 12 class rooms. McAllister Street between Franklin and Gough Streets. Estimated cost, \$120,000.

"Jefferson Primary School, 8 class rooms. Bryant Street between Sixth and Seventh Streets. Estimated cost, \$80,000.

"Lincoln Grammar School, 12 class rooms. Harrison Street near Fourth Street. Estimated cost, \$120,000.

"Oriental Public School, 8 class rooms. Clay Street and Powell. Estimated cost, \$80,000.

"Mission Grammar School, 16 class rooms. Mission Street between Fifteenth and Sixteenth Streets. Estimated cost, \$160,000.

"Irving Primary School, 8 class rooms. Broadway, between Montgomery and Sansome Streets. Estimated cost, \$80,000.

"Spring Valley Grammar School, 12 class rooms. Washington Street, between Hyde and Larkin Streets. Estimated cost, \$120,000.

SPECIAL CONSTRUCTION BUILDINGS.

"Bryant Cosmopolitan Primary School, 16 class rooms. York Street, between Twenty-second and Twenty-third Streets. Estimated cost, \$100,000.

"Clement Primary School, 12 class rooms. Day and Noe Streets. Estimated cost, \$80,000.

"Cooper Primary School, 16 class rooms. Greenwich Street, between Jones and Leavenworth Streets. Estimated cost, \$100,000.

"Peabody Primary School, 16 class rooms. Sixth Avenue, near California Street. Estimated cost, \$100,000.

"Holly Park Primary School, 16 class rooms. Holly Park Avenue, between Highland Avenue and West Park. Estimated cost, \$100,000.

"Madison Primary School, 12 class rooms. Clay Street, between Walnut and Laurel Streets. Estimated cost, \$80,000.

"Marshall Primary School, 16 class rooms. Nineteenth Street, between Valencia and Guerrero Streets. Estimated cost, \$100,000.

"McKinley Primary School, 16 class rooms. Fourteenth and Castro Streets. Estimated cost, \$100,000.

"Sheridan Primary School, 16 class rooms. Minerva Street, near Plymouth Avenue. Estimated cost, \$100,000.

"South End Primary School, 16 class rooms. Burrow Street, between Berlin and Girard Streets. Estimated cost, \$100,000.

"Grattan Primary School, 16 class rooms. Alma Street, near Grattan Street. Estimated cost, \$100,000.

"Sutro Grammar School, 16 class rooms. Twelfth Avenue, between Clement and California Streets. Estimated cost, \$100,000.

"West End Primary School, 12 class rooms. Mission Street, between Naglee and Worden Streets. Estimated cost, \$75,000.

"Lakeview Primary School, 16 class rooms. On block bounded by Plymouth and Grafton Streets, Golden State and Holoway Avenues. Estimated cost, \$100,000.

"Jackson Primary School, 16 class rooms. North of Panhandle, between Stanyan and Baker Streets. Estimated cost, \$100,000.

"Cleveland Primary School, 12 class rooms. Block bounded by Persia, Brazil, Athen and Moscow Streets. Estimated cost, \$75,000.

"Starr King Primary School, 16 class rooms. San Bruno Avenue, near Twenty-fifth Street. Estimated cost, \$75,000.

"F. J. McCoppin Primary School, 16 class rooms. Sixth Avenue, between B and C Streets. Estimated cost, \$100,000.

"CLASS A" HIGH SCHOOL BUILDINGS.

"Girls' High School, 20 class rooms. Scott Street, between O'Farrell and Geary Streets. Estimated cost, \$450,000.

"Lowell High School, 20 class rooms. Octavia Street, between Bush and Sutter Streets. Estimated cost, \$450,000.

"Commercial High School, 20 class rooms. Grove Street, between Larkin and Polk Streets. Estimated cost, \$190,000.

"Addition to Mission High School, Church Street between Dorland and Eighteenth Streets. Estimated cost, \$150,000.

"But the voters should be informed that the foregoing list is not to be considered as an absolute determination of the particular buildings to be constructed. Changing conditions may demand corresponding changes in the plan above stated."

The Board of Supervisors took great pains in consulting with the most expert lawyers on bond issues in this country. It is confidently believed that the bonds will be declared valid, and they are now being offered for sale.

On May 20th, the Board of Education passed a resolution selecting the following fifteen schools as the first to be constructed under the terms of the new bond issue and have requested the City Architect to prepare plans for the same: Commercial High, Hancock Grammar, Jackson Primary, Sheridan Primary, Mission Grammar, Sutro Grammar, Frank J. McCoppin Primary, Denman Grammar, Jean Parker Grammar, Bryant Cosmopolitan Primary, Madison Primary, Holly Park Primary, South End Primary, Marshall Primary, and Adams Cosmopolitan Grammar.

Within a few years the school accommodations of San Francisco will be second to none in the State.

ASSEMBLY HALLS IN PUBLIC SCHOOL BUILDINGS AND FREE PUBLIC LECTURES.

I regret that so few of our school houses have assembly rooms. The building of auditoriums, as a feature of school equipment, will be appreciated by the general public and particularly by the school patrons. They will afford a common place of meeting with small expense for all the people where there can be no bickerings, political or sectarian. The home life and the school life can be brought together in harmonious unity and much permanent good will result.

I would, therefore, recommend that every school building planned under the new Bond Issue be provided with an assembly hall to be built on the ground floor or first floor, where in addition to its use for general exercises, music and gymnastics, for the pupils of the school, it can be used for social center development. In such a room the principal can address a large number of pupils in a more impressive way than in separate class rooms. Such a room can be used for stereoptican exhibitions, for graduating exercises or as already indicated as a social center for citizens and parents of the district. The school houses belong to the people and under proper restrictions should be used for the diffusion of information and the promotion of a civic spirit among the adult population.

I respectfully recommend that free public lectures on American History, Physics, Mechanics, Economics, etc., for the student and adult population be given in the auditorium of the Mission High School, the Crocker, Girls' High, Polytechnic, Lowell, Hearst and the Horace Mann, and wherever possible in smaller buildings.

These lectures, combined with musical numbers, will be educational and elevating and will be appreciated by the general public and by the school patrons.

COMMERCIAL HIGH SCHOOL.

I am pleased to report excellent progress in the Commercial High School during the past term. Until the beginning of last year there had never been a fixed standard for graduation from this school. After consultation with the principal it was decided that the minimum requirement in Shorthand should be the ability to write new matter from dictation at the rate of 80 words per minute for five consecutive minutes, and to transcribe the same accurately upon the typewriter. In the tests which were given by my office in January, none of the candidates came up to the required standard of proficiency.

In response to the active work of this office during the second term the pupils, especially of the senior class, took unprecedented interest in their work. They were given permission to use the typewriters, under the supervision of an instructor, before and after regular school hours, for the transcription of their shorthand notes taken in class.

The result of the interest thus shown was seen in the test at the close of the term. Of thirty-seven pupils recommended by the Principal, three passed in the test at the rate of 110 words per minute, thirteen passed at 100 per minute, ten passed at 90 per minute, seven passed at 80 per minute, and only four failed to pass. All of the tests were given on new matter, and for five consecutive minutes.

These results are extremely gratifying to me, because, first of all, they prove the competency of those who took the examinations; also, because they show the correctness of our position in maintaining that the pupils of the Commercial High School were capable of doing better work than they had been doing, and also in requiring that better work be done.

The Board of Education provides generously for the Commercial High School, and many of the parents who send their sons and daughters there make sacrifices to do so. These parents expect that, at the end of the course of instruction, their children will be prepared to fill a position in the business

world. And this can be done with the faithful application on the part of the pupil under the proper instruction of the teacher.

Hereafter, the transcription of notes upon the typewriter will be insisted upon as a regular class exercise, as it has been during the past term. These transcriptions will be examined by the teachers in charge and returned to the pupils for correction, to be afterwards placed on file for inspection.

Next term we hope to introduce touch typewriting in all of our beginning classes. Heretofore this has not been practicable, owing to the large numbers in the classes and the varied assortment of machines. It is of the utmost importance that pupils be taught correct fingering, for only in this way can the highest perfection in speed, neatness and accuracy be reached. For this reason I would recommend that only typewriters of standard keyboards, with blank keys be furnished the entering class. I would also recommend that for these classes only one standard make of machine be used, for it adds to the difficulties of the teacher in instruction, and particularly adds to the difficulties of the pupil in learning touch operating to be changed from one make of machine to another, especially during the first term.

The following plan, prepared by my office, was duly adopted by the Board of Education:

The rules and requirements are based upon those of the United States Civil Service Commission, and apply in all examinations given to candidates for graduation in stenography and typewriting.

All of the dictations in any examination in stenography are for five consecutive minutes. The minimum requirement for graduation is the ability to write new matter dictated at the rate of eighty words per minute for five consecutive minutes, and the ability to transcribe the same accurately upon the typewriter. Dictations will be given at higher rates of speed to those who express a desire for the same. Both speed and accuracy are considered in the rating, speed having a weight of 1 and accuracy a weight of 2. The ratings for speed for the different rates of dictation are as follows:

100 words per minute,	100 per cent.
90 words per minute,	95 per cent.
80 words per minute,	85 per cent.

The rating for **accuracy** shall be determined by the correctness of the transcript according to the following rules:

Mark each correct answer.....	100	} The difference between the sum of the error marks of each answer and 100 will be the mark of the answer.
Mark every faulty answer according to its value on a scale of 100, as herein specifically directed, and deduct the sum of the error marks of each answer from 100.		

STENOGRAPHY.

From 100 deduct

For each word omitted, added, substituted or misspelled, or for the use of the singular instead of the plural, or of the plural instead of the singular, when the grammatical correctness is affected.....	3
For each transposition.....	2
For each gross error in capitalization or punctuation; for each error in division of words; for each word repeated; for each failure to use the hyphen when required; for each abbreviation; or for the use of the plural for the singular, or of the singular for the plural, when the grammatical correctness is not affected.....	1
When the marks for accuracy is 10 or less no credit will be given for speed.	

85 per cent shall be required for graduation.

To illustrate: When a pupil writes at the rate of eighty words per minute he receives 85 per cent on speed. Suppose he should make four errors in the

transcription of his notes, amounting to 12 demerits, his credit on accuracy would be 88. According to this rule, giving accuracy a weight of 2 and speed a weight of 1, you multiply 88 by 2, giving a result of 176. Add to this the 85 per cent received in speed, and divide by three to get the percentage received in shorthand as a whole, as follows: 176 plus 85 equals 261, divided by 3 equals 87. Eighty-seven per cent would be the final mark on the examination in stenography, giving the pupil two credits more than required for passing.

In typewriting, the exercise consists of copying 400 to 500 words from plain copy, transcripts to be marked according to the following rules:

	From 100 deduct
For writing one line over another.....	10
For each error in orthography; for each word or figure omitted, provided that a deduction of 10 shall be made for the omission of two or more consecutive words if the words omitted do not constitute more than one printed line of the copy, and that a deduction of 20 shall be made for the omission of two printed lines, or more than one line, etc.; for each word added, substituted, or repeated; for each transposition; for each abbreviation not in copy; for each failure to capitalize or to punctuate as in copy; for each deviation from copy in paragraphing (maximum for the exercise, 10); for failure to indent as in copy (only one charge to be made in the exercise); for each error in compounding words or vice versa.....	5
For each case of inconsistent spacing between lines.....	3
For each space between letters of a word; for crowding letters in a word; for lack of space between words; for striking a letter instead of space-bar; for unfinished word due to coming to end of line when word is rewritten on next line; for striking letters in a line above band holding paper, thus making no impression on sheet, or for piling letters over each other at the end of a line when all the letters are decipherable, or for running off paper on right or left margin (maximum for the exercise, 10).....	2
For each case of irregularity in left-hand margin or gross irregularity in right-hand margin (maximum for the exercise in each case, 5); for each strike over; for the misdivision of a word at end of line; for each omission of a hyphen, when needed, at end of line; for extra space between words (maximum for the exercise, 5); for each case of inconsistent spacing after punctuation marks; for each word interlined (maximum for a single interlineation of five or more words, 5); for each erasure (maximum for the exercise, 5).....	1
For lack of neatness.....	1-5
For each error not specified above.....	1-5

Time consumed will be rated according to the following scale: For a speed of 35 words or more per minute, a credit of 100 will be given; for 30 words per minute, a credit of 95; for 25 words per minute, a credit of 85; and for 20 words per minute, 75. If the exercise is written at a rate of less than twenty words per minute no credit will be given for speed.

Both accuracy and speed are considered in rating, accuracy having a weight of 3 and speed a weight of 2. Eighty per cent shall be required for passing.

To illustrate how these rules would work out in practice, take a paper written at the rate of twenty words per minute. This would be marked 75 per cent on speed. If the paper had mistakes amounting to 10 demerits the credit for accuracy would be reduced to 90. To find the credit on the paper as a whole, multiply the credit for accuracy by three (90 multiplied by 3 equals 270), multiply the credit for speed by two (75 multiplied by 2 equals 150), and add both together (270 plus 150 equals 420). Divide the sum by five and the credit in typewriting is found (420 divided by 5 equals 84).

I have now in preparation a circular of instruction, to be sent to each teacher in this school, and to all other teachers of commercial branches in the evening as well as in the day schools, requiring that all of the work done by the pupils be kept in folders for inspection by the proper authorities, as is done in the case of other studies in our High Schools.

The commercial branches in our schools have been placed upon the list of college entrance subjects by both of our universities, and I desire to have this work in such form that it may be available for inspection at a moment's notice by anyone who may desire to see it.

Work in the other subjects taught in the school, such as Spanish, Business Law, Civics, Industrial History, Economics, English, etc., will also be kept up to a high point of excellence.

Too often boys or girls who desire to enter the commercial world think that they require only a little shorthand and typewriting or bookkeeping to be successful. With such a limited preparation they can not hope to become more than clerks. But our Commercial High School must stand for more. It must not only give the student the training that is necessary to make him successful as a clerk, but also offer to him the educational foundation that will enable him to become a successful man of business and an intelligent citizen.

A diploma from the Commercial High School should always be a guarantee to the business public that the holder has received such training and educational foundation.

EVENING SCHOOLS.

Throughout the year the following Evening Schools have held regular sessions: Humboldt Evening High, Commercial Evening, Horace Mann Evening, Lincoln Evening, Hamilton Evening, Richmond Evening, and the Washington Evening. During the second term it was found necessary to open additional rooms in the Washington School building to accommodate the pupils of that section of the city. Two classes were also established in the Irving M. Scott School, on Tennessee Street, near Twenty-second, principally for the accommodation of foreign born boys and girls and adults residing in that part of the city.

The following table gives the State enrollment, average number belonging and average daily attendance for each of the Evening Schools during the past year:

NAME OF SCHOOL	Aver. No. Belonging	Aver. Daily Attendance	STATE ENROLLMENT						Grand Total
			Primary		Grammar		Total		
			Boys	Girls	Boys	Girls	Boys	Girls	
Commercial.....	239	211	0	0	259	356	259	356	615
Hamilton.....	423	361	20	0	892	310	912	310	1222
Horace Mann.....	506	426	97	13	1191	167	1288	180	1468
Irving M. Scott.....	123	38	121	0	0	0	121	0	121
Lincoln.....	887	339	0	0	1161	100	1161	100	1261
Richmond.....	101	86	0	0	168	46	168	46	214
Washington.....	357	306	1016	131	281	71	1297	202	1499
Humboldt High.....	377	329	0	0	* 756	* 33	* 756	* 33	* 789
Total.....	2513	2096	1254	144	4708	1083	5962	1227	7189

* High School.

The above table shows the interesting facts that the young men and boys in attendance outnumber the young women and girls almost five to one, whereas in the day schools the number of girls is greater than the number of boys from the sixth grade upward. In the day high schools the girls outnumber the boys almost 2 to 1.

The total expense of the Evening Schools for the year was as follows:

Salaries of teachers, including back salaries.....	\$ 71,936.25
Current expenses, books, supplies, etc.....	29,944.45
Total.....	\$101,880.70

There is no more important part of our educational system than these schools. They are filling in a practical way the expressed wants of a large number of young men and women who are making a living during the day time. The courses of study are planned to supplement the practical work that these students are doing during the day, and to fit them for promotion in their chosen vocations. For instance, many young men who are employed in some manual pursuit in the Union Iron Works or other place of industry attend the Humboldt Evening High School and acquire the theoretical knowledge in Science, Mathematics, Language, Mechanical Drawing, etc., which underlies the practical work in their several lines of industry. In addition, those who work as stenographers or bookkeepers or clerks during the day, find in the Commercial Evening School and the Hamilton Evening School elementary and advanced courses in their vocational work. Courses in English, Arithmetic, History, etc., are given for those who recognize their need of a knowledge of such subjects as part of their vocational training. In this way we are able to adapt the work of our schools to the needs of the pupils in a practical and efficient manner.

In a recent visit of State Superintendent Hyatt to our evening schools, he commented most favorably upon this practical feature of the work, and commended the spirit of earnest application which pervaded the classes.

The Humboldt Evening High School consists of two departments, the Academic and the Technical, and is intended to supply secondary instruction to boys and girls who are employed during the day and who have finished the grade work of either the day or the evening school.

The course of the Academic Department embraces the chief studies of the Day High School and leads to admission into College.

With this school as part of our educational system, the ambitious young wage earner is afforded the opportunity of entering the walks of higher education, and the son of the most humble toiler is assured that the door to the learned professions is not closed against him. The idea is American and Democratic. Without evening secondary schools the boys and girls who are, by circumstances, forced early to become breadwinners, are deprived of all the opportunities attendant on advanced education.

The aim of the Technical Department of the Humboldt Evening High School is to assist young men who are engaged in any industrial pursuits or mechanical trades to become first-class workmen and master mechanics. The students gain their experience in manual training at their daily work in the shops of the city, and in their evening studies receive the explanation of the various processes they see in their work in the factory or shop. Thus is the instruction in Mathematics and Science directly applied to the practical work of the respective specialties of the students.

The instructors in this department have had practical experience in their respective lines of work.

The school manages to keep in touch with the foremen of the larger shops of the city, so that the students may receive from their employers prompt

recognition for the efforts they are making to increase their efficiency by evening study.

The Commercial Evening School specializes upon those subjects of greatest importance to the young man or woman in the business world. Such technical subjects as Shorthand, Typewriting and Bookkeeping are supplemented by English, Arithmetic, History, Civics, Business Law and Modern and Foreign Languages. The work done is thorough.

The various Grammar Schools offer instructions in all of the subjects common to the day schools of like grade, and in addition have courses in the English language, especially adapted to foreign born adults who desire to acquire a knowledge of our language.

Under the present rules of the Board of Education, teachers holding the necessary State or County certificates may be appointed to positions in the Evening Schools without taking a competitive examination, as is required for appointment to the Day Schools. I recommend the adoption of a rule by the Board of Education applying the competitive examination system to all teachers who may hereafter be appointed to any teaching position in the department. To the average young man and woman the Evening Schools represent the last chance to get an education. For this reason the greatest care should be exercised in the appointment of Evening School teachers, and the work done by them should be given the most careful supervision.

ORAL SCHOOL FOR DEAF.

The Oral School for Deaf Children has had an enrollment of twenty-three for the year. Two instructors have been regularly in charge. The advance which has been made in the instruction of this class of children is remarkable. Instead of depending upon the old method of making the alphabet by signs with the hands and thus spelling out words, the children are taught to watch the lips of the person speaking and thus recognize the words spoken. They are also taught to produce the regular sounds of the language with such perfection that they can speak distinctly, and can carry on a conversation in the ordinary manner either with children similarly afflicted, or with others possessed of all the natural faculties.

Some of the children who have graduated from this school have continued their studies in the grammar schools and have graduated with honor. They have been able to understand all the instructions given by watching the lips of the speakers in the class, both teachers and pupils, and have been able to reply orally to the questions asked, although they were unable to hear the words spoken.

This shows the great advance that has been made in the last few years in the treatment and education of the deaf. That we have attained such excellent results in our school is due to the exceptional ability of the instructors, Mr. and Mrs. Holden.

UNGRADED CLASSES.

There are ungraded classes in each of the following schools: Adams, Fremont, Franklin, Hamilton, Hancock, Mission, Washington, Richmond, and in the Emerson and Whittier Primary Schools.

The Board of Education has satisfied a great need in establishing and maintaining these ungraded classes. In nearly every class of a school pupils will be found who, from sickness or other causes, are deficient in one or two subjects. If special opportunity be not offered for overcoming these deficiencies by individual or group instruction, such pupils become "misfits" in their classes, exercising a repressive influence upon their mates. If this special or

group instruction be given by the regular teacher, it will result in the neglect of perhaps forty pupils for the teaching of five.

By segregating such pupils and placing them in an ungraded class, they can be taught individually or in groups. Certain pupils will thus do their work in an ungraded room for a month or a term, and then be prepared to join a regular grade. Others will be found who will remain permanently in the ungraded class, emphasizing the work they most need. Again, pupils may do grade work in all subjects save one. Such remain in the regular grade, but receive help in that one subject until it is mastered sufficiently to permit a resumption of regular grade work. Further, there are those, who, by being given special instructions in one subject for a limited time, may be so prepared as to be advanced a grade by being ahead of their class in all other subjects. The ungraded class keeps pupils in school who, discouraged by failure in their regular classes, would otherwise leave. It solves the problem of "left-overs."

READING IN THE PRIMARY GRADES.

During the past year the primary grades have been given special supervision. Since the appointment of Miss Lew Ball as Deputy Superintendent, in September, 1907, her entire time has been spent in directing the work in these grades, through teachers' meetings and through class teaching and supervision. The teachers have heartily co-operated with the Supervisor, and the close of the year showed worthy results, indicative of efficiency and effort.

CLASSES TOO LARGE.

Able work in the First Grades is much hindered because of the large classes. Greatly as this is to be deplored, it is unavoidable owing to the insufficient number of rooms in our small buildings. It has not always been possible to make suitable provision for the large numbers of children that enter our first grades through the year. Only with the opening of new school-rooms and with the re-establishment of the burned-out public Kindergartens in various parts of the city can we hope to avoid the over-crowding of the first grades.

READING.

The most important branch in the primary grades is reading. Necessarily, the greater part of the time in these grades is given to it. To insure uniformity in the teaching of any branch in the schools, a systematically planned, clearly defined method is of great value. Such a method has been adopted and is being followed in the teaching of reading in all the first grades in the city. The results are surpassing our expectations. It is particularly satisfactory to note the results in schools where there are large numbers of foreign children. With the method in use, these children have made marvelous progress in learning to read the English language. During the coming year, this work in reading will be continued in the second and third grades.

SUPPLEMENTARY READERS.

Probably the greatest of our present needs in the proper equipment of our schools, is that of supplementary reading material. Particularly in the primary grades is our lack of material felt. During the first two years, while a child is mastering the mechanics of reading, he should have a sufficient supply of new books to read. It is only through reading new matter, not through re-reading that which has been memorized, that fluency and efficiency come. Within the past two years, but one set of supplementary readers has been provided for

each first grade, two sets for each second grade. So proficient have our children proven themselves, that this has been far from sufficient, and the teachers of these grades have been unable to meet the demand.

Oakland averages about eight sets of supplementary readers to a grade. Los Angeles, realizing the futility of re-reading in primary grades, furnishes about fifteen different kinds of readers to a grade, with only a small number of each kind.

SEAT WORK.

Under another heading, attention was called to the large first grade classes in some of our schools. In some instances there have been from sixty or more children in charge of one teacher. With young children it is impossible to conduct class work except in small groups. Therefore, while the teacher is engaged with one group, the remaining children in the class must be provided with some occupation. Being too young to study, this necessitates provision being made for hand work in some of its great varieties—basket weaving with raffia, paper folding and cutting, block or stick building. Where this hand work is suitably chosen, the child's time is by no means wasted, as it develops in him qualities of accuracy, concentration, neatness, application and industry. It aids in training his sense of form and of number. Whatever occupation is used, material must be purchased. In many cases, the teachers themselves, through their great need, have purchased the materials for their classes. This expenditure on the teacher's part should not be necessary. Adequate provision should be made for the purchase of materials, as needed and selected for use in the schools.

CHILD LABOR LAW.

The Child Labor Law, as amended March 23, 1907, by our Legislature, and entitled "An act regulating the employment and hours of labor of children, etc.," throws around minors the safeguards which every community should seek to encourage. It fixes the maximum of hours per day which a child under eighteen may work. It also prohibits the employment in a mercantile institution, etc., of a child under sixteen between the hours of 10 o'clock in the evening and 6 o'clock in the morning. It also provides that minors under the age of fourteen must not work except on certificate as follows:

"Provided, that the judge of the juvenile court of the county, or city and county, or in any county or city and county in which there is no juvenile court, then any judge of the Superior Court of the county or city and county in which such child resides, shall have authority to issue a permit to work to any child over the age of twelve years, upon a sworn statement being made to him by the parent of such child that such child is past the age of twelve years, that the parent or parents of such child are incapacitated for labor, through illness, and after investigation by probation officer or truant officer of the city, or city and county, in which such child resides, or in cities and counties where there are no probation or truant officers, then by such other competent persons as the judge may designate for this purpose.

"And provided, that any such child, over the age of twelve years, may be employed at any of the occupations mentioned in this Act during the regular vacation of the public schools of the city, county, or city and county in which the place of employment is situated, upon the production of a permit signed by the principal of the school which such child has attended during the term next preceding any such vacation."

The law stops short of making a provision which I have found in my experience is needed. Many times parents or guardians apply for working certificates for children, claiming that their services are required to support the family, when, in fact, the children are not in physical condition to work, es-

pecially in any line requiring close confinement. This law should certainly be amended, providing for the proper medical examination of all children by a reputable physician, and the issuance of a certificate by him stating that the applicants are physically able to do the work which they will be required to do before working certificates can be issued to them. In the meantime, I believe it to be within the discretion of those authorized to issue these certificates to refuse to issue them to children who, in their judgment, are not physically able to do the work which their parents or guardians want them to do. I recommend that such discretion be exercised, and that provision be made for the medical examination of such children in cases of doubt.

COMPULSORY EDUCATION.

In accordance with the provisions of a special act of the Legislature entitled "An act to enforce the educational rights of children and providing penalties for the violation of the act," (amended March 4, 1907), two police officers are detailed by the Chief of Police, at the request of the Board of Education, to act as attendance officers. Their duties are stated in Section 5 of said Act to be as follows:

"It shall be the duty of the attendance officer to arrest during school hours, without warrant, any child between eight and fourteen years of age, found away from his home and who has been reported to him by the teacher, the Superintendent of Schools, or other person connected with the school department or schools, as a truant from instruction upon which he is lawfully required to attend within the county, city, or city and county, or school district. Such arresting officer shall forthwith deliver the child so arrested either to the parent, guardian, or other person having control or charge of such child, or to the teacher from whom said child is then a truant, or if such child shall have been declared a habitual truant, he shall bring such child before a magistrate for commitment by him to a parental school as provided in this act. The attendance officer or other arresting officer shall report promptly such arrest, and the disposition made by him of such child to the school authorities of such city, or city and county, or school district."

The following, a statement of the work done by these officers throughout the year is tabulated from the daily reports filed by them in my office:

Number of complaints from schools	1106
Number of complaints investigated	1106
Number of pupils found on street and sent or brought to school	142
Number of pupils brought to Parental School.....	16
Number of pupils arrested and brought to Detention Home	28
Number of pupils cited to appear before Judge Murasky, Juvenile Court	14
Parents arrested for violating compulsory education law and found guilty.....	2

THE PARENTAL SCHOOL.

The work of the Parental School has been along the same lines as that of the regular grammar schools, but has been done largely by individual instruction in ungraded classes. The average daily attendance for the past year has been 34, and the number of teachers towards the end of the year was two.

During the past term the California Woman's Club furnished manual training equipment for the school, and this has been installed. The boys have taken

an unusual interest in this work. I hope it will be possible for us to develop this line of instruction until the school can give a thorough industrial training to every boy who enters it.

If to these boys the ordinary school studies are not attractive in our grammar schools, the same studies cannot be expected to attract them when given in another school merely of different name. It is the exception to find in this school a boy who is not industrious and possessed of unusual energy. It is only necessary for us to find out what his interests are, and see that his energy is used in acquiring the proper training and education. But we must fit the subject to the boy and not attempt to fit the boy to the subject.

The work which these pupils have done in manual training and in gardening, as well as in the regular studies, speaks well for their industry.

The present location of the school is not suitable. Boys who have had undesirable experiences should be removed as far as possible from an environment that recalls such experiences. Many of these boys have been arrested and brought before the Juvenile Court for trivial or other offenses. The Juvenile Court room immediately adjoins the school, and the sight of the patrol wagon recalls incidents that it would be better for them to forget.

When a policeman arrives with a young prisoner the word is passed around among the boys in the school, and for a time they are in spirit back in the old environment from which we desire to win them.

I hope it will be possible for the Board of Education to find a desirable location for this school, and to furnish the necessary plant with sufficient grounds for gardening, etc., where these boys can be trained in hand and in heart, as well as in mind, so that they may develop into useful citizens.

REPORT OF SUPERVISOR OF DRAWING.

San Francisco, July 30, 1908.

Mr. Alfred Roncovieri,
Superintendent of Schools.

My Dear Sir:—

I am pleased to submit to you a brief account of what the Department of Drawing has accomplished during the past year.

Owing to my absence immediately following the great fire, the year just closed has of necessity been one of rehabilitation. As our needs have been very great and more than could be supplied, we found ourselves at times seriously handicapped, not only in carrying out the course of study we had prepared, but in maintaining our former standards of excellence.

Inadequate office accommodation, limited equipment of furniture, reference books, and drawing models have obliged us to substitute increased energy, ingenuity and time unlimited, after school hours, in order to bring the work to any kind of successful conclusion.

To restore to our teachers the necessary aids, by way of a workable course of study and outlines of direction for teaching the subject—outlines consisting of supplementary monographs on every phase of the work, which were the accumulated product of many years of serious thought and effort—has been a tremendous task which still remains unfinished.

During the autumn term the work was principally drawing from objects, and to meet this need the Board of Education published my monograph entitled "Seeing Appearances." Subsequently, I prepared and presented to teachers a progressive series of mimeographed illustrated monographs on design, adapted to six different grades, and also mimeographed outlines on "Drawing Winter Berries" and "Flower Drawing from Nature."

Then, in order to illustrate to the pupils the character and quality of the work they were expected to do, and having no text-book on the subject for such

work, I distributed among the schools over a thousand colored drawings and as many examples of good wall-paper designs as I was able to procure in the city. This supply stimulated a serious interest that led pupils to collect patterns of great variety—from useful objects and published matter—that were found to be most helpful.

Twice during the year I conducted teachers' meetings for instruction on the subject, while all through the year there were regular classes for the benefit of teachers who felt the need for further help.

In addition to the office work—which is of the greatest importance, because the success of the department depends upon the careful and definite planning of the work by the supervisor—every school in the city was visited a number of times, either by myself or my assistant, Miss Murray, upon which occasion the work of every class was examined, and, if necessary, the teacher interviewed. At these visits such lessons were given to pupils, in the presence of teachers, as were needed to demonstrate methods of teaching the subject.

The spring term was given almost exclusively to design, and in order to awaken an interest in the subject, I—in the schools under my supervision—and my assistant, in the schools under her supervision—gave talks on the meaning and uses of design to all grammar pupils, using a carefully selected collection of textiles and wall-papers to illustrate the subject. Subsequently many teachers took their classes to the Park Museum for similar study.

The pupils became exceedingly interested in the subject, and were not only able to do some good designs, but they have come to see beauty in the handiwork of man as well as in nature. They are now beginning to realize that they may derive as much pleasure from a fine building, a beautiful rug and a shapely vase, as from a stately tree and graceful flower.

At the close of the year every class in the city held an exhibition of the last term's drawings. The visiting parents and friends of the pupils expressed great surprise at the excellence of the work. The drawings were in pencil, brush and ink, water color, pastello and colored crayons, and included plant-drawing from nature and designs for applied purposes.

Considering all the difficulties we have been laboring under, the work reflected great credit not only on the pupils, but also on the teachers, whose conscientious and able efforts made our measure of success possible.

The coming year offers much of promise. With the new course of study in drawing, which has just been completed, and two additional assistant supervisors, whom the Board of Education has so generously added to the department, I feel that we may be able to do a quality of work that will be comparable with that done in any other city.

Thanking you and the Board of Education for your kindly assistance, and the principals and teachers for their hearty co-operation, I remain,

Yours sincerely,

KATHERINE M. BALL.

REPORT OF SUPERVISOR OF MUSIC.

San Francisco, July 28, 1908.

Mr. Alfred Roncovieri,
Superintendent of Schools.

Dear Sir:—

In compliance with the rules of the Board of Education, and in reply to a request from you, I respectfully submit a report of the Department of Music for year 1907-1908.

The year has found the Music Department accomplishing results. At the beginning of the year the work was organized by means of my course of study, "Some Ideas on Children's Singing." Each teacher was given a copy and so received an exact idea of the work to be done. Stress was laid on Voice-

Production, Song Singing, Sight Singing, and Music Writing, so that the teachers would understand the value of sweet tone, good expression, concentration derived from ear training sight work and theory.

The disorganization of the work on account of the fire was still noticeable, for teachers had been re-assigned and rooms were crowded. Some of the schools were not so advanced as others, therefore my aim was to lift the standard of these schools; consequently I visited some schools oftener than others, and instructed my assistants to do the same.

I called a meeting of all the new teachers, so that they would understand what was to be done.

During the year each child in this city has learned a number of patriotic and folk songs. By means of these songs the child is taught to love country, parents and right doing. These songs are a precious musical heritage, which each child should possess. In October I had to train a new assistant, so that she could be of some help.

I and my assistants visited each class at least twice during the term, and some of the schools were visited oftener.

In November, at the Mission Grammar School, I listened to some of the finest school singing I have ever heard. The chorus was out of doors, under the direction of Miss Jeanette Hillman. The songs were in four parts, and consisted of "Handel's Largo," "Neven's Boat Song," etc. The tone was beautiful and expression exquisite. The children followed their leader, and sang with their hearts as well as their voices.

In December I selected music for graduation, and drilled and conducted classes for closing exercises, including the Girls' High School.

The conditions of the shack schools necessarily impeded the formal side of my work, but I emphasized the sight singing and music writing. Before the fire there had been excellent work done, but there had been no writing book adopted. Through the efforts of the Hon Superintendent Roncovieri, a music writing book by H. J. Storer was adopted by the Board of Education, and I was instructed to map out definite work for the teachers.

I made an outline, consisting of Scale Writing, Musical Symbols, Dictation, and Copying Music. My aim in this direction is to develop the child musically, so that he will wish to express himself in simple melodies, and by giving him practice in music writing he will express these tunes on the staff.

Unfortunately, we have only one hour a week for music. There should be two hours a week given to the study. Singing is needed for the development of the child, and singing takes time; therefore there should be more time given for the formal side of music.

In January, 1908, I conducted eight grade meetings and so instructed about one thousand teachers for the term's work. I gave out many songs which my assistants mimeographed, and outlined the term's work.

Not long after, in all the grades except the three lowest, the regular music was given up for special preparation for the Fleet Chorus.

Feeling that the occasion was worthy of great effort, I exerted myself, and, through the teachers, I prepared a tremendous chorus. On May 13th, at the Stadium, I directed ten thousand children in twenty songs, a number of them being in three parts. That was a great day as all who were there know. The children and sailors will never forget it. Musically, the event will stand out always. As it was a living demonstration of Patriotism, it was worth all the trouble.

After this, I trained and conducted graduation choruses for the various schools and for the Girls' High School farce. I visited about 750 classes this year; my first assistant, 500 classes; and the other two assistants visited 300 classes each.

Two weeks after school closed, on the Fourth of July, I conducted children's choruses at the Park. This was a hardship, as the children were out of town

and I was not given notice before the close of school in time to gather the children together.

I have attended to a large correspondence on school business during the year.

I recommend that new teachers entering the Department will be able to teach music, that when a musical teacher is needed in a school that she will be sent.

I recommend that I be given power to buy sets of octavo music for graduating classes, and that fifty copies of Mathews "Songs of All Lands" and 100 copies of McCaskey's "Favorite Songs and Hymns" be bought for the schools.

I recommend for supplementary reading for the grammar classes a little book called "Stories of Great Musicians," by Hurne and Scobey.

I wish some extra books for my personal musical library, and a small piano and two book cases for my office.

I wish to thank the Superintendent, the Board of Education, the teachers and my assistants for their generous support in my work. I am,

Respectfully,

ESTELLE CARPENTER,
Supervisor of Music.

REPORT OF SUPERVISOR OF DOMESTIC SCIENCE.

San Francisco, July 31, 1908.

Mr. Alfred Roncovieri,
Superintendent of Schools.

My Dear Mr. Roncovieri:—

In reply to your communication of the 28th inst., I take pleasure in submitting the following report on the Domestic Science Department in the San Francisco schools:

The School Department maintains six cookery centers, one at each of the following schools:

- Central Manual Training School, Geary street, near Jones street;
- Crocker Grammar School, Page street, near Broderick street;
- Hamilton Grammar School, Geary street, near Scott street;
- Hearst Grammar School, corner Fillmore and Hermann streets;
- Horace Mann Grammar School, Valencia, near Twenty-second street;
- Irving M. Scott Grammar School, Tennessee, near Twenty-second street.

Domestic science is not taught in any of our high schools. During the past year the following teachers have been in charge: Miss Bartlett, Supervisor, Miss Ballenger, Miss Congdon, Miss Gray, Miss Paulsell, and Miss Woodward, assistants.

The official course of study issued by your office states that domestic science is taught to the girls of the Seventh and Eighth grades. Owing to lack of cooking centers, this is possible only in certain schools. Last year we gave one lesson weekly to seventy-nine classes, or 1,698 girls. Our pupils came from thirty-two different schools. Fifty-eight classes, or 764 girls, who were supposed to have cooking lessons were disappointed because we lack accommodations for them.

During the first week of school, each term, I spend a good deal of time expressing my regrets to principals who ring up to know why their classes were left out. I hope that we will soon have centers enough to remedy this.

The San Francisco schools are not as well supplied with cooking centers as those of our neighboring cities.

We aim to teach our pupils good plain cooking, and the intelligent selection and care of foods. It is but a common place to affirm that virtue and vice are,

to some extent, the result of good or bad digestion, and that digestion depends largely on the way in which one's food has been cooked.

Good courses in domestic science create an intelligent interest in public sanitation, such as water supplies, milk inspection, pure food laws, and clean streets.

In the grades, domestic science should include sewing as well as cooking. In the high schools, it should include the several things that English educators call "house-craft."

President Roosevelt tells us that it is as important to train a girl in the ways of household as it is to train a boy to make a living.

I am happy to report that the most cordial relations exist between the teachers of my department and the grade teachers. Several principals have gone out of their way to express their satisfaction and appreciation of the work done. The children themselves ask permission to attend cooking classes when the rest of the pupils are enjoying rainy day sessions.

I have also heard words of praise from many parents and I think that if we had conveniently situated centers, you would have no requests from parents who want their daughters excused from cooking class.

The professional standing of my assistants is high. My department has been visited by domestic science teachers from other places and they have been favorably impressed by the work done. Miss Paulsell, one of my assistants last year, has been made supervisor of domestic science in San Jose, and another of my teachers has been offered an excellent position elsewhere, which, fortunately for our school, she has declined.

Respectfully,

ELLEN M. BARTLETT.

REPORT OF THE SUPERVISOR OF MANUAL TRAINING IN THE GRAMMAR SCHOOLS.

Mr. Alfred Roncovieri,
Superintendent of Schools, San Francisco.

Dear Sir:

In answer to your request of July 1st, I take pleasure in submitting the following brief outline of what has been accomplished in our manual training department during the year just closed.

Practically all the "A-Seventh" grade boys in the city, those of the Sheridan School excepted, because of remoteness, have been instructed in such of the simplest geometric forms in mechanical drawing as were applicable to their first year's bench work. They have made an excellent showing in their wood work and are looking forward to next year's projects with an eagerness that is gratifying.

The boys of the "B-Seventh" grade have been advanced toward the more complex work promised them in the coming term, having of course, been given a more general view of constructive principles and design than was possible in the beginning. These also are full of anticipation.

Pupils in the "A-Eighth" grade made unusual progress in joinery during the year, particularly those going to the Hamilton Center, and some very remarkable mechanical drawings were made at the Crocker Center by boys of this grade. It is regrettable that many of these were not exhibited outside the homes to which they were taken.

Another matter for congratulation is the spirit manifested and work done by the older boys, those of the "B-Eighth" grade, in the way of class gifts made individually and by groups. More than one principal and teacher was made glad and proud over the thoughtful presentation of some needed class

room convenience. While some of these models were exhibited at the closing exercises of school, an effort should be made next year for a more general display of this kind.

A few boys of the Parental School should be mentioned in this connection. They were prompted by their principal, Miss Alexander, to make some grateful return to Judge Murasky and to a benevolent woman who had done much for the school. The boys actually undertook to make two large oak chairs, and, under proper guidance, succeeded beyond any one's expectation.

I am pleased to report also, that a new manual training center, that at the Moulder School, was put in successful operation during the year.

As you were good enough to welcome suggestions I would respectfully ask if a more liberal policy in the matter of supplies could not be urged upon the Honorable Board of Education.

With highest esteem,

Yours sincerely,

M. DOYLE, Supervisor Manual Training.'

BOARD OF EXAMINATION.

The Board of Examination is composed of

SUPERINTENDENT ALFRED RONCOVIERI, Chairman.
 DEPUTY SUPERINTENDENT W. B. HOWARD, Secretary.
 DEPUTY SUPERINTENDENT T. L. HEATON.
 DEPUTY SUPERINTENDENT JAMES FERGUSON.
 DEPUTY SUPERINTENDENT R. H. WEBSTER.

The Board of Examination has conducted two examinations (October, 1907, and April, 1908) according to law, of persons desirous of securing grammar grade or special certificates. It has met monthly and forwarded its recommendations to the Board of Education.

Herewith is a resume of its work:

Number of original certificates granted on examination during the year, to men.....	3
Number of original certificates granted on examination during the year, to women.....	16
Number of certificates granted on credentials, to men.....	13
Number of certificates granted on credentials, to women.....	139
Number of certificates renewed during the year.....	22
Number of applicants rejected during the year on examination.....	4
Number of applicants rejected during the year on credentials.....	1
Amount of fees collected for examination and issuance of certificates.....	232

CERTIFICATION AND SCHOLASTIC TRAINING OF TEACHERS.

Number of teachers in the department who hold High School certificates....	173
Number of teachers who hold certificates of the grammar grade.....	848
Number of teachers who hold certificates of primary grade.....	28
Number of teachers who hold special certificates.....	46
Number of teachers who are graduates of the University of California.....	92
Number of teachers who are graduates of other universities.....	27
Number of teachers who are graduates of the California State Normal Schools.....	168
Number of teachers who are graduates of other State Normal Schools.....	28

RULES OF THE BOARD OF EXAMINATION OF THE CITY AND COUNTY
OF SAN FRANCISCO.

Adopted at an adjourned meeting of the City and County Board of Examination, September 4, 1906, to go into effect January 1, 1907.

Section 1. The City and County Board of Examination shall consist of the County Superintendent of Schools, ex-officio chairman, and his deputies.

Sec. 2. The Board, at its first regular meeting in January of each year, shall select one of its number as Secretary, who shall hold office for one year or until his successor is elected.

Sec. 3. The Secretary of this Board shall keep his office open on Thursdays and Fridays of each week from two to five o'clock p. m.

MEETINGS.

Sec. 4. (a) The regular semi-annual meetings shall be during the spring and fall mid-term vacation of the Public Schools of the City and County of San Francisco.

(b) Regular monthly meetings shall be held on the first Monday of each calendar month at 1:30 p. m.

(c) Special meetings may be called at any time by the chairman, or upon the request of three members, the object of each special meeting to be stated in the call.

Sec. 5. (a) At the semi-annual meetings only, examinations for certificates shall be given, but special examinations for special certificates may be given at any time upon the order of this Board, when, in its judgment, the needs of the San Francisco School Department demand a specially certificated teacher and there be none available in the Department.

(b) The following shall be the order of business at the regular monthly meetings of the Board.

- I. Roll Call.
- II. Reading minutes of previous meeting.
- III. Applications for granting and renewal of—
 - (1) High School Certificates.
 - (2) Grammar School Certificates.
 - (3) Kindergarten-Primary Certificates.
 - (4) Special Certificates.
- IV. Applications for renewal of Primary Grade Certificates.
- V. Applications for granting permanent Certificates on—
 - (1) City and County Certificates and experience.
 - (2) State Life or Educational Diplomas and experience.
- VI. Applications for Recommendations for—
 - (1) State Life Diplomas.
 - (2) State University Documents.
 - (3) State Normal Documents.
- VII. Reports of Committees.
- VIII. Unfinished business.
- IX. New business.
- X. Adjournment.

(c) Only such business shall come before special meetings as may be specified in the call therefor.

Sec. 6. Monthly and special meetings shall be held in the office of the Secretary, southwest corner of Pine and Larkin streets, San Francisco, California.

CERTIFICATES WITHOUT EXAMINATION.

Sec. 7. Recommendations for Certificates, without examination, may be made as follows:

(a) High School Certificates—on (1) Credentials issued by the State Board of Education in accordance with subdivision two of section fifteen hundred and twenty-one of the Political Code of California; (2) High School Certificates of other counties of California; (3) Normal School Diplomas, accompanied by documents from the faculty of the State University, provided for in subdivision five of section fifteen hundred and three of the Political Code of California.

(b) Grammar School Certificates—on (1) Life Diplomas or Certificates of any State, when properly accredited by the State Board of Education; (2) California State Normal School Diplomas; (3) San Francisco City Normal School Diplomas issued prior to July 1, 1899; (4) Diplomas from other legally accredited Normal Schools; (5) Diplomas from legally accredited Universities; (6) Grammar School or Grammar Grade Certificates of other counties of California.

(c) Kindergarten-Primary Certificates—on (1) Kindergarten-Primary Certificates of other counties; (2) Diplomas from Kindergarten Department of California State Normal Schools; (3) other credentials legally approved by the State Board of Education.

(d) Special Certificates—on any credential recognized by the State Board of Education, provided said credential be accompanied by a special recommendation in the subject desired from the faculty of the institution or head of the department in which work in said special subject was done.

CERTIFICATES ON EXAMINATION.

Sec. 9. Recommendations for Certificates on examination may be made as follows:

(a) Grammar School Certificates—to those who obtain on examination an average of 85 per cent in the following subjects:

Algebra	50
Arithmetic, written	100
Arithmetic, oral	50
Bookkeeping	50
Composition	50
English Grammar, written	100
English Grammar, Oral	25
Elementary Physics	50
English and American Literature.....	50
Drawing	25
Geography—	
Industrial	25
Physical	25
Political	25
History of the United States and Civil Government.....	100
History—	
Ancient	25
Medieval	25
Modern	25
Methods of Teaching.....	50
Orthography and Defining.....	100
Penmanship	25
Physiology and Hygiene	50

Plane Geometry	50
Reading	50
School Law of California.....	50
Vocal Music	25

Totals.....1,200

(Required to pass—1020 credits).

(2) To holders of San Francisco City and County Primary Grade Certificates, who obtain on examination an average of 85 per cent in the following subjects:

English and American Literature.....	50
(Scope—English, one of requirements for entrance to University of California.)	
Algebra (to Quadratics).....	50
Plane Geometry	50
Elementary Physics.....	50
History (Ancient, Medieval and Modern).....	75

Total 275

(Required to pass—233¾ credits.)

(b) Special Certificates—(1) To those who obtain 85 per cent on examination in the subject for which a Special Certificate is desired, and who, in addition thereto, attain in examination at least 60 per cent in each of the subjects of English Grammar, Orthography and Defining, and Methods of Teaching; (2) to those who are holders of regular City and County Certificates and who obtain 85 per cent on examination in the subject for which a Special Certificate is desired.

(c) Special Certificates may be issued in the following subjects:

1. Bookkeeping.*
2. Cookery.
3. Domestic Science (Cookery and Sewing combined).
4. Mechanical Drawing.
5. Architectural Drawing.
6. Naval Architectural Drawing.
7. Free-hand Drawing.
8. Free-hand Drawing and Clay Modeling (correlative and combined).
9. Free-hand Drawing and Wood Carving (correlative and combined).
10. Sloyd.
11. Iron Work.
12. Wood Work.
13. Physical Culture.
14. Penmanship.
15. Stenography and Typewriting (combined).
16. Music.
17. Manual Training—including as many of subjects 4 to 12 (both inclusive) as may be endorsed on the Certificate of the applicant upon legal proof of competency to teach the same.
18. Such other subjects as may be authorized by the City and County Board of Education.

Sec. 10. An applicant for any Certificate who fails to obtain at least 60 per cent in Arithmetic (if required), or in Grammar, or in Orthography and Defining, will be barred from further examination.

*An applicant for a Special Certificate in Bookkeeping shall, in addition to the other conditions imposed, also pass an examination in Commercial Arithmetic and Commercial Law. (Scope—Packard's Commercial Arithmetic, Lyon's Commercial Law.)

Sec. 11. The texts to be used as standard in the examinations shall be as follows:

Composition—Quackenbos, with Bancroft recommended.

Method of Teaching—Swett, Page or White.

Algebra—Tanner.

Physics—Carhart & Chutes.

Geometry—Wentworth, Chauvenet, or Edwards.

History (Ancient, Medieval and Modern)—A. B. Harts' Essentials.

Literature—English, one of entrance requirements to University of California.

Other Subjects—California State Series (if issued.)

Sec. 12. The papers containing the written answers of candidates must be preserved by the Secretary of the City and County Board of Examination, or his successors, for at least one year after the close of the examination.

Sec. 13. Papers of candidates for Certificates shall be examined by no person or persons other than the members of the City and County Board of Examination; provided, that, in special subjects, a member of the Board of Examination shall have authority to procure the assistance of competent persons, whose work shall be subject to the supervision of a member or members of the Board of Examination.

RENEWAL OF CERTIFICATES.

Sec. 14. (a) Evidence of good moral character shall be required from applicants for renewal of Certificates, unless such applicants are teaching in the Public Schools of San Francisco, or are personally known to members of this Board.

(b) Members of the San Francisco School Department must present, upon application for renewal of Certificates, a recommendation from their principals or from the Superintendent or one of his Deputies.

PERMANENT CERTIFICATES.

Sec. 15. Applicants for permanent Certificates of any kind or grade must make affidavit before the Secretary of this Board setting forth in detail (1) the amount and grade of their experience in the Public Schools of the City and County of San Francisco, and (2) the kind and grade of the Certificate or State Diploma held by the applicant.

Sec. 16. In computing the five years' experience required for a permanent Certificate, evidence of the receipt of sixty full months of compensation for services as teacher in the School Department of this city and county shall be sufficient.

REVOCATION OF CERTIFICATES.

Sec. 17. No recommendation to the City and County Board of Education for the revocation of any Certificate shall be made except on the following conditions:

(a) Complaints under subdivision four of section seventeen hundred and ninety-one of the Political Code of California must be in writing, signed by the complainant, and filed with the Secretary of this Board.

(b) Such complaints shall specifically state, in detail, the facts upon which the Certificate should be revoked.

(c) Such complaints must be accompanied by a list of the witnesses personally cognizant of the separate facts stated in the complaint, together with their addresses and also by a reference to all such documentary evidence pertinent to said charges as may be within the knowledge of the complainant.

LIFE DIPLOMAS AND STATE EDUCATIONAL DOCUMENTS.

Sec. 18. Applicants for State Life Diplomas or Educational Documents must make affidavit before the Secretary of this Board setting forth such facts as may be required by the State Board of Education.

FEES.

Sec. 19. (a) Applicants for Certificates (except temporary or permanent Certificates to be granted on State Life on Educational Diplomas) or for State Diplomas must deposit with the Secretary, at the time of application, a fee of two dollars.

(b) Applicants for State University or State Normal Documents must deposit with the Secretary, at the time of application, a fee of one dollar and twenty-five cents.

Sec. 20. These rules may be amended upon one week's written notice, given to each member of the Board, by a four-fifths' vote in favor thereof at any regular or called meeting.

EXTRACT FROM STATE CONSTITUTION, ARTICLE IX, SECTION SEVEN.

* * * * The county superintendents and the county Boards of Education shall have control of the examination of teachers and the granting of teachers' certificates within their respective jurisdiction. (The exercise of this power has been defined by legislative enactment as found in the Political Code of the State of California.)

EXTRACTS FROM THE POLITICAL CODE OF THE STATE OF CALIFORNIA.

Section 1503. (1) The board of trustees of each State Normal School upon the recommendation of the faculty, may issue to those pupils who worthily complete the full course of study and training prescribed, diplomas of graduation, either from the normal department or the kindergarten department, or both.

(2) Such diploma from the normal department shall entitle the holder thereof to a certificate (corresponding in grade to the grade of the diploma) from any county, or city and county, board of education in the State. One from the kindergarten department shall entitle the holder to a certificate to teach in any kindergarten class or any primary school in the State.

(3) Whenever any county, or city and county, board of education shall present to the state board of education a recommendation showing that the holder of a normal school diploma from the normal department of any State Normal School of the State of California, or of a diploma from any other normal school, that the state board of education shall declare to be equivalent to a diploma from the normal department of a state normal school of this State, has had a successful experience of two years in the public schools of this State, subsequent to the granting of such diploma, the state board of education shall grant to the holder thereof a document signed by the president and secretary of the state board, showing such fact. The said diploma, accompanied by said document of the state board attached thereto, shall become a permanent certificate of qualification to teach in any primary or grammar school in the State, valid until such time as the said diploma may be revoked, as provided in section fourteen hundred and eighty-nine of this code, or until such time as the document issued by the state board, as aforesaid, may be revoked or

suspended as provided in subdivision five of section fifteen hundred and twenty-one of this code.

(4) Upon presentation of the diploma and document referred to in subdivision three of this section to any county, or city and county, superintendent of schools, said superintendent shall record the name of the holder thereof in a book provided for that purpose in his office, and the holder thereof shall henceforth be absolved from the requirement of subdivision one of section sixteen hundred and ninety-six of this code.

(5) Said diploma of graduation from any state normal school in this State, when accompanied by a document granted by the faculty of the state university on or before the thirtieth day of June, nineteen hundred and three, showing that the holder of such diploma has successfully completed the course of instruction in said university prescribed for students who are graduates of a normal school of this state shall entitle such holder to a high school certificate authorizing the holder to teach in any grammar and primary school and in any high school in this State.

Section 1521. The powers and duties of the state board of education are as follows:

(2) (a) To prescribe by general rule the credentials upon which persons may be granted certificates to teach in the high schools of this State. No credentials shall be prescribed or allowed, unless the same, in the judgment of said board, are the equivalent of a diploma of graduation from the University of California, and are satisfactory evidence that the holder thereof has taken an amount of pedagogy equivalent to the minimum amount of pedagogy prescribed by the state board of education of this State, and include a recommendation for a high school certificate from the faculty of the institution in which the pedagogical work shall have been taken.

Sec. 1565. Except for a temporary certificate, and except as provided in subdivision second of section 1503 of the Political Code every applicant for a teacher's certificate, or for a renewal of a certificate, upon presenting his application, shall pay to the county superintendent a fee of two dollars, to be by him immediately deposited with the county treasurer, to the credit of a fund to be known as the teachers' institute and library fund. All funds so credited shall be drawn out only upon the requisition of the county superintendent of schools upon the county auditor, who shall draw his warrant in payment of the services of instructors in the county teachers' institute; provided they be not teachers in the public schools of the county in which such institute is held; and for the purchase of books for a library for the use of the teachers of the county. At least 50 per cent of the teachers' institute and library fund shall be expended for books. The county superintendent shall take charge of the teachers' library, prepare a catalogue of its contents, and keep a correct record of books taken therefrom and returned thereto.

NORMAL SCHOOLS.

Note—The following named universities and colleges have been recognized (to November 1, 1906), by the state board of education under the provisions of this section:

Arizona Normal Schools:

Flagstaff.

Tempe.

Canadian Normal Schools:

London,

McGill Normal School, Quebec,

New Brunswick,

Ottawa,

- Ontario Normal College, Hamilton,
Toronto,
Truro, Nova Scotia.
- Colorado State Normal School, Greeley.
- Connecticut State Normal Schools:
 - New Britain,
 - New Haven,
 - Willimantic.
- Edge Hill Training College, Normal Department:
Liverpool, England.
- Hawaiian Territorial Normal School, Honolulu.
- Illinois State Normal Schools:
 - Chicago Normal School, Chicago.
 - Eastern Illinois State Normal School, Charleston.
 - Illinois State Normal University, Normal.
 - Northern Illinois State Normal School, De Kalb.
 - Southern Illinois State Normal School, Carbondale.
- Indiana State Normal School, Terra Haute.
- Iowa State Normal School, Cedar Falls.
- Kansas State Normal School, Emporia.
- Maine State Normal Schools:
 - Castine,
 - Farmington,
 - Gorham.
- Massachusetts State Normal Schools:
 - Boston,
 - Bridgewater,
 - Framingham,
 - Fitchburg,
 - Hyannis,
 - Lowell,
 - North Adams,
 - Salem,
 - Westfield,
 - Worcester.
- Michigan State Normal Schools:
 - Marquette,
 - Mt. Pleasant,
 - Ypsilanti.
- Minnesota State Normal Schools:
 - Duluth,
 - Mankato,
 - Moorehead,
 - St. Cloud,
 - Winona.
- Missouri State Normal Schools:
 - Cape Girardeau,
 - Kirksville,
 - Warrensburg.
- Nebraska State Normal School, Peru.
- Nevada State University, Reno; Normal Department.
- New Hampshire State Normal School, Plymouth.
- New Jersey State Normal School, Trenton.
- New York State Normal Schools:
 - Albany,
 - Brockport,
 - Buffalo,

Cortland,
 Fredonia,
 Geneseo,
 Jamacia,
 Newplatz,
 New York City Normal,
 Oneonta,
 Oswego,
 Plattsburgh,
 Potsdam.

North Carolina State Normal and Industrial College, Greensboro.

Oklahoma, Central Normal School, Edmond.

Pennsylvania State Normal Schools:

Bloomsburg,
 California Clarion,
 East Stroudsburg,
 Edinboro,
 Indiana,
 Kutztown,
 Lock Haven,
 Mansfield,
 Millersville,
 Shippensburg,
 Slippery Rock,
 West Chester.

Rhode Island State Normal School, Providence.

South Dakota State Normal School, Spearfish.

Utah State Normal School (Normal Department Utah University), Salt Lake City.

Washington City Normal School No. 1, Washington, D. C.

Washington State Normal Schools:

Bellingham (Whatcom),
 Cheney, from and after 1904;
 Ellensburg.

Wisconsin State Normal Schools:

Milwaukee,
 Oshkosh,
 Platteville,
 River Falls,
 Stevens Point,
 West Superior,
 Whitewater.

STATE DOCUMENTS.

Arizona—Life Diploma.

Colorado—Complimentary Life Diploma only.

Idaho—Life Diploma.

Indiana—Life and Professional Certificates.

Iowa—Life Diploma.

Minnesota—Life Certificate.

Montana—Life Diploma.

Nevada—Life Diploma.

Ohio—Life Certificate, when obtained on forty-eight months' experience.

Oregon—Life Diploma, when obtained on sixty months' experience.

Rhode Island—Life Diploma, highest grade.

South Dakota—Life Diploma.

Virginia—Life Diploma.

Washington—Life Diploma.

KINDERGARTEN PRIMARY CERTIFICATES.

May be granted to holders of diplomas of graduation from any of the following named Kindergarten Training Schools:

Blackheath Kindergarten Froebelian School and Training College for Teachers, London, England.

Chicago Froebel Association, Chicago, Illinois.

Chicago Kindergarten College, Chicago, Illinois.

Chicago Kindergarten Institute, Chicago, Illinois.

Chicago Free Kindergarten Association, Chicago, Illinois.

Cincinnati Kindergarten Association, Cincinnati, Ohio.

Drake University Kindergarten Training School, Des Moines, Iowa.

Froebelian School, Longwood, Chicago, Illinois.

Golden Gate Kindergarten Association, San Francisco, California.

Indiana Kindergarten and Primary Normal Training School, Indianapolis, Indiana.

Kindergarten College, Pittsburg, Pennsylvania.

Kindergarten Department, Boston Normal School, Boston, Massachusetts.

Kindergarten Department, Edge Hill Training College, Liverpool, England.

Kindergarten Department of Teachers' College, Columbia University, New York.

Kindergarten Department, State Normal School, Greeley, Colorado.

Kindergarten Department, State Normal School, Oswego, N. Y.

Kindergarten Department, Wisconsin State Normal School, Milwaukee, Wisconsin.

Kindergarten Normal Department of the Ethical Culture School, New York, N. Y.

Kindergarten Training Department of Nebraska State Normal School, Peru, Nebraska.

Kindergarten Training Department, Omaha Public Schools, Omaha, Nebraska.

Kindergarten Training Department, Pratt Institute, Brooklyn, N. Y.

Kindergarten Training Department, State Normal School, Fredonia, N. Y.

Kindergarten Training School, Columbus, Ohio.

Kindergarten Training School of the Grand Rapids Kindergarten Association, Grand Rapids, Michigan.

Louisville Free Kindergarten Association's Training School, Louisville, Kentucky.

Minneapolis Kindergarten Training School, Minneapolis, Minnesota.

Miss Wheelock's Kindergarten Training School, Boston, Massachusetts.

Oakland Kindergarten Training School, Oakland, California.

Oberlin Kindergarten Training Association, Oberlin, Ohio.

The Froebel School, Providence, Rhode Island.

The Stout Training School for Kindergarten Teachers, Menominee, Wisconsin.

Utica Kindergarten Training School, Utica, N. Y.

HIGH SCHOOL CERTIFICATES.

University of California, Berkeley, California.

Catholic University of America, Washington, D. C.

University of Chicago, Chicago, Ill.

Clark University, Worcester, Mass.

Columbia University, New York City, N. Y.

Cornell University, Ithaca, N. Y.

Harvard University, Cambridge, Massachusetts.

John Hopkins University, Baltimore, Maryland.

Leland Stanford Junior University, Palo Alto, California.

University of Michigan, Ann Arbor, Michigan.

University of Pennsylvania, Philadelphia, Pennsylvania.

Princeton University, Princeton, New Jersey.

University of Wisconsin, Madison, Wisconsin.

University of Virginia, Charlottesville, Virginia.

Yale University, New Haven, Conn.

(b) The said board shall also consider the cases of individual applicants, who have taught successfully for a period of not less than twenty school months, and who are not possessed of the credentials prescribed by the board under the provisions of this section. The said board, in its discretion, may issue to such applicants special credentials upon which they may be granted certificates to teach in the high schools of the State. In such special cases, the board may take cognizance of any adequate evidence of preparation which the applicant may present. The standard of qualification in such special cases shall not be lower than that represented by the other credentials named by the board under the provisions of this section.

(3) To grant life diplomas of four grades, valid throughout the State, as follows:

(a) High School: Authorizing the holder to teach in any primary and grammar or high school.

(b) Grammar school: Authorizing the holder to teach in any primary or grammar school.

(c) Kindergarten-primary: Authorizing the holder to teach in the kindergarten class of any primary school.

(d) Special: Authorizing the holder to teach in any school such special branches and in such grades as are named in such diploma.

(4) Except as provided in sections fifteen hundred and three and seventeen hundred and seventy-five of this code, life diplomas may be issued only to such persons as have held for one year, and still hold a valid county, or city and county, certificate, corresponding in grade to the grade of diploma applied for, and who shall furnish satisfactory evidence of having had a successful experience in teaching of at least forty-eight months. Not less than twenty-one months of said experience shall have been in the public schools of California. Every application must be accompanied to the state board of education by a certified copy of a resolution adopted by at least a three-fourths vote of all the members composing a county, or city and county, board of education, recommending that the diploma be granted, and also by an affidavit of the applicant, specifically setting forth the places in which, and the dates between which said applicant has taught. The application must also be accompanied by a fee of two dollars for the purpose of defraying the expense of issuing the diploma.

(5) To revoke or suspend for immoral or unprofessional conduct or for evident unfitness for teaching, life diplomas, educational diplomas, documents issued under the provisions of section fifteen hundred and three and seventeen hundred and seventy-five of this code, or credentials issued in accordance with subdivision two of this section; and to adopt such rules for said revocation as they may deem expedient or necessary.

* * * * *

Section 1663. (1) The public schools of California, other than those supported exclusively by the state, shall be classed as high schools, technical schools, and grammar and primary schools (including kindergarten classes), and no teacher shall be employed to teach in any school if the certificate held by the teachers is of a grade below that of the school or class to be taught; provided, that the holder of existing primary certificates or of the same when hereafter renewed shall be eligible to teach in any of the classes of the schools of the county, or city and county, which the county, or city and county superintendent shall have designated as of the primary grade, or in any school which said superintendent shall have designated as a primary school: and provided further, that nothing herein contained shall be construed as prohibiting the employment of any person holding a valid special certificate for kindergarten work heretofore granted by any county, or city and county, board of education in this State, as a teacher in any kindergarten class of a primary school in the county, or city and county, in which such valid special certificate for kinder-

garten work shall have been granted. The county, or city and county, board of education must, except in incorporated cities having boards of education, on or before the first day of July of each year, prescribe the course of study in each grade of the grammar and primary schools for the ensuing school year.

* * * * *

Section 1696. Every teacher in the public schools must—

(1) Before assuming charge of a school, file his or her certificate with the superintendent of schools; provided, that when any teacher so employed is the holder of a California State normal school diploma, accompanied by the certificate of the state board of education, as provided in subdivision third of section one thousand five hundred and three of the Political Code, an educational or a life diploma of California, upon presentation thereof to the superintendent he shall record the name of said holder in a book provided for that purpose in his office, and the holder of said diploma shall thereupon be absolved from the provisions of this subdivision.

1696a. Whenever the school register or registers of any teacher or teachers or other records of any public school district in any school year may have been or shall hereafter be destroyed by conflagration or other public calamity, thereby preventing the teacher or teachers and said school officers from making their monthly or annual reports in the usual manner and with accuracy the affidavits of the teacher or teachers, the school principals or other school officers of such school district certifying as to the contents of such destroyed registers or other records shall be accepted by all authorities for all school matters appertaining to such school district except that of average daily attendance. The average daily school attendance of any public school district or high school whereof the register or registers of the teacher or teachers, or any number of them or other records may have been or shall hereafter be destroyed by conflagration or other public calamity, or whereof, by reason of such conflagration or calamity the regular session or attendance of such district or high school has been interrupted and its average attendance materially affected thereby, shall be its average daily attendance of the next preceding school year increased or diminished by the average yearly percentage of increase or decrease calculated for the next preceding ten years; provided, that the average daily attendance of such school district or high school for the school year ending June 30, 1906, shall be its average daily attendance for the school year ending June 30, 1905, with five per cent (5%) thereof as increase added thereto.

* * * * *

Section 1772. County boards of education may, on examination, grant certificates as follows:

(1) Grammar school certificates: To those who have passed a satisfactory examination in the following studies: Reading English grammar and advanced composition, English and American literature, orthography and defining, penmanship, drawing, vocal music, bookkeeping, arithmetic, algebra to quadratics, plane geometry, geography (physical, political and industrial), elementary physics, physiology and hygiene, history of the United States and civil government, history (ancient, medieval and modern), school law, methods of teaching.

Section 1775. (1) County Boards of Education may, without examination, grant certificates as follows:

HIGH SCHOOL CERTIFICATES.

(a) High school certificates: (1) To the holders of credentials approved by the state board of education in accordance with subdivision two of section fifteen hundred and twenty-one of this code; (2) To the holders of special credentials issued by said state board, in accordance with said subdivision:

(3) To holders of high school certificates issued by any county, or city and county, board of education in this State; (4) To holders of normal school diplomas accompanied by documents from the faculty of the state university, provided for in subdivision five of section fifteen hundred and three of this code.

GRAMMAR SCHOOL CERTIFICATES.

(b) Grammar school certificates: To the holders of the following credentials: (1) Life diplomas or certificates of any state; provided, the state board of education in this state shall have decided that said diplomas or certificates represent experience and scholarship equivalent to the requirements for the elementary life diploma in California; (2) California state normal school diplomas, San Francisco city normal school diplomas heretofore granted, and other normal school diplomas; provided, that the state board of education of this state shall have recommended the normal school issuing said diploma as being of equal rank with the state normal schools of California; (3) Diplomas from the University of California, or from any other university that shall be declared by the state board of education to be of equal rank with the University of California, when the holders have completed the prescribed course in the pedagogical department of the state university, or a pedagogical course that said state board shall declare to be equivalent to such prescribed course, and have been recommended by the faculty of the university issuing such diploma; (4) Grammar school or grammar grade certificates of any county, or city and county, of California.

KINDERGARTEN PRIMARY CERTIFICATES.

(c) Kindergarten-primary certificates: (1) To the holders of kindergarten-primary certificates of any county, or city and county, of California; (2) To the holders of diplomas of graduation from the kindergarten department of any state normal school of this state; (3) To the holders of credentials, showing that the applicant has had professional kindergarten training in an institution approved by the state board of education, and also education equivalent to the requirements for graduation from the kindergarten department of a California state normal school; (4) To the holders of special kindergarten certificates of any county, or city and county, of California granted prior to July 1, 1901; provided, that the holders of such special kindergarten certificates have had at least two years' training in a kindergarten training school and have taught for a period of at least two years in a public kindergarten school in the county, or city and county, wherein such special kindergarten certificates were granted.

GRAMMAR SCHOOL CERTIFICATES ON PRIMARY AND EXAMINATION IN EXTRA STUDIES.

(2) Grammar school certificates may be granted to the holders of primary grade certificates who shall pass satisfactory examinations in such branches as do not appear on their certificates, or in the record of the examination upon which the original certificate was granted.

CERTIFICATES AND DIPLOMAS VALID.—RENEWAL OF CERTIFICATES.

(3) All certificates and diplomas now valid in California shall continue in force and effect for the full term for which they are granted. County boards of education may renew any certificate issued by them prior to the adoption of this law, and now in force, and may renew certificates granted by authority of this law. Renewed certificates shall be valid for a period equal to that for which they were originally granted.

PERMANENT CERTIFICATES.

(4) When the holder of any certificate or state diploma shall have taught successfully in the same county, or city and county, for five years, the board of education of such county, or city and county, may grant a permanent certificate of the kind and grade of the class in which said applicant has been teaching, valid in the county, or city and county, in which issued, during the life of the holder, or until revoked for any of the causes designated in subdivision four of section seventeen hundred and ninety-one of this code; provided, that such permanent certificate shall in no case be of a higher grade than the grade of the certificate or state diploma on which the teaching has been done; and for a permanent high school certificate twenty months of said teaching shall have consisted of regular high school work; and provided further, that a certificate when renewed the second time, or at any time thereafter, shall become, by such renewal, a permanent certificate, if the holder of said certificate shall have complied with all of the conditions of this subdivision.

DOCUMENT GRANTED ON STATE UNIVERSITY DIPLOMA OR DIPLOMAS OF ACCREDITED UNIVERSITIES.

(5) Whenever any holder of a diploma from the state university, or from any other university that shall be declared by the state board of education to be of equal rank with the state university, shall present to said state board satisfactory evidence of having had two years' successful experience as a teacher, subsequent to graduation, accompanied by satisfactory evidence that such holder has completed the prescribed course in the pedagogical department of the University of California, or a pedagogical course equivalent thereto, the state board of education shall grant to the holder of said university diploma a document signed by the president and secretary of the state board, showing such fact, and said diploma, accompanied by said document of the state board attached thereto, shall become a permanent certificate of qualification to teach in any grammar or primary or high school in the State, valid until such time as the said document shall be revoked by said state board of education, for any of the causes shown in subdivision four of section seventeen hundred and ninety-one of this code.

Section 1776. Any member of a county board of education, or of a city board of examination who shall, except in the regular course of study in the public schools, teach any classes where pupils are given special instruction to prepare them for passing examination to obtain teachers' certificates, or who shall give special instruction to any person preparing for examination to obtain a teacher's certificate, shall be deemed guilty of a misdemeanor, and, upon conviction thereof, his office shall be declared vacant. No certificates shall be issued to any applicant who has received special instructions, when preparing for examination, from any member of a county board of education, or of a city board of examination.

Section 1778. County or city and county boards of education shall have the power to issue permanent certificates valid, within the county, or city and county, in which issued, during the life of the holder, or until revoked for any of the causes shown in subdivision four of section seventeen hundred and ninety-one of this code. Said permanent certificates shall be issued on the following credentials and conditions:

Whenever the holder of any certificate shall have taught successfully in the same county or city and county for five years the board of education of said county or city and county may in addition to or in place of the renewal of such certificate, grant a permanent certificate of the kind and grade of the class in which said applicant has been teaching; provided, that in the issuance

of a permanent high school certificate at least twenty months' successful high school experience, taught upon a high school certificate, shall be included in the five years' experience required.

(2.) Whenever the holder of any certificate shall have successfully completed five years of successful experience in any county or city and county, the board of education of said county, or city and county may, upon application and under the other conditions named in this section grant to said applicant a permanent certificate.

(3.) Whenever the holder of any life or educational diploma shall have complied with the conditions as enumerated in subdivision one of this section, the said board of education shall, without fee, issue upon application, a permanent certificate of the grade of said life or educational diploma.

(4) No permanent certificate shall be of a higher grade, or, if special, of a different kind from the certificate upon which granted.

(5) (a) Upon the presentation of any certificate, except the primary grade, for renewal for the second time, or for any time thereafter, the board of education, in renewing said certificate shall by such renewal, cause such certificate to become permanent; provided, the applicant for said renewal shall have complied with the other conditions of this section.

(b) And it shall be the duty of the county superintendent to attach to said certificate a document giving it the full force and effect of a permanent certificate within said county or city and county.

(6) Each applicant for a permanent certificate must present to the county or city and county board of education satisfactory evidence of the experience upon which said permanent certificate may be issued.

(7) All permanent certificates shall be upon blank forms prepared by the state superintendent of public instruction.

Section 1790. The city, or city and county, board of examination must meet and hold examinations for the granting of teachers' certificates semi-annually, at such times as they may determine. They may also hold monthly meetings for the transaction of such other business as may come before them. Special meetings may be called by the city, or city and county superintendent, when, in his judgment the same are necessary; and on the recommendation, in writing, of any three members of the board, the city, or city and county superintendent shall call a special meeting. No business shall be transacted at any special meeting except such as is indicated in the call therefor; and of all such meetings, due notice shall be given to each member of the board. The place of meeting shall be designated by the chairman. The meetings of the city, or city and county board of examiners, shall be public and a record of their proceedings shall be kept in the office of the city, or city and county superintendent of schools.

Section 1791. Each city, or city and county board of examination has power:

First—To adopt rules and regulations, not inconsistent with the laws of this state, for its own government and for the examination of teachers.

Second—To examine applicants, and to prescribe a standard of proficiency which may entitle the person examined to receive: (a) A city, or city and county, grammar school certificate, valid for six years, authorizing the holder to teach any primary or grammar school or class in such city, or city and county; (b) A city, or city and county, special certificate, valid for six years, authorizing the holder to teach such special subjects in any school of the city, or city and county, and in such grades as are designated in such certificate. Applicants for special certificates by examination or any credentials, or by both, shall satisfy the board of their special fitness to teach one or more of the particular studies for which special certificates may be granted, and shall satisfy the board of their proficiency in English grammar, orthography,

defining and methods of teaching. No special certificate shall be granted to teach in any school, studies other than drawing, music, physical culture, and commercial, technical or industrial work.

The board of examination shall report the result of the examination to the city, or city and county board of education; and said board of education shall thereupon issue to the successful applicants the certificates to which they shall be entitled.

Third—For immoral or unprofessional conduct, profanity, intemperance, or evident unfitness for teaching, to recommend to the city, or city and county board of education, the revocation of any certificates previously granted by said board of education in said city, or city and county.

Section 1792. The city, or city and county boards of examination may also recommend the granting of city, or city and county certificates and the renewal thereof, in the manner provided for the granting and renewal of county certificates by county boards of education in section seventeen hundred and seventy-five of this code.

Section 1793. (1) The holders of city, or city and county certificates are eligible to teach in the cities, or cities and counties, in which such certificates were granted, in schools or classes of grades corresponding to the grades of such certificates, and when elected shall be dismissed only for insubordination or other causes as mentioned in section seventeen hundred and ninety-one of this code, duly ascertained and approved by the boards of education of such cities, or cities and counties.

(3) The holders of special, city, or city and county certificates are eligible to teach the special branches mentioned in their certificates, in the grades of all the schools in the city, or city and county, in which such certificates were granted corresponding to the grade of said special certificates.

REPORT OF THE PUBLIC SCHOOL TEACHERS' ANNUITY AND RETIREMENT FUND COMMISSIONERS FOR THE FISCAL YEAR
ENDING JUNE 30, 1908.

San Francisco, Cal., July 20, 1908.

Hon. Edward R. Taylor, Mayor,

In and for the City and County of San Francisco.

Dear Sir:—

I have the honor to submit herewith the report on the Public School Teachers' Annuity and Retirement Fund for the fiscal year terminating June 30, 1908.

ALFRED, RONCOVIERI,
Superintendent of Schools and Secretary
Public School Teachers' Retirement Fund
Commissioners.

RECEIPTS.

Balance in Fund June 30, 1907, including \$50,000 in Permanent Fund	\$52,322.13
Contributions by teachers under provisions of Annuity Law.....	11,605.00
Absence money granted by the Board of Education.....	3,000.00
Interest on Permanent Fund.....	1,983.19

BOARD OF EDUCATION

253

Amounts received in accordance with Section 8 (A)
from teachers retired during fiscal year:—

1907.			
July	1.	C. W. Moores.....	\$209.00
Sept.	1.	Miss V. E. Bradbury.....	231.30
Sept.	1.	Miss Martha Stone	218.75
Sept.	1.	Miss N. C. Stallman.....	235.75
Sept.	1.	W. H. Edwards.....	210.00
1908.			
Jan.	1.	Miss R. V. Claiborne.....	115.05
Jan.	1.	Mrs. M. E. Steele.....	217.05
Feb.	1.	Mrs. M. E. Michener.....	212.10
Feb.	15.	Mrs. F. A. Banning.....	202.00
Mar.	1.	Mrs. H. A. Hogan.....	193.70
Mar.	1.	Miss Rose Fay	166.75
May	1.	Miss Julia A. Danks.....	210.75
			2,422.20
Total Receipts			\$71,332.52

DISBURSEMENTS.

Annuities to Retired Teachers—

Oct. 1, 1907.....	\$3,741.25	
Jan. 1, 1908.....	3,815.25	
April 1, 1908.....	4,057.95	
July 1, 1908.....	4,241.25	
Total	\$15,855.70	
Clerical Services	50.00	
Lester, Herrick & Herrick (expert).....	70.00	
Total Disbursements.....		15,975.70
Balance		\$55,356.82
In Treasury	\$ 255.57	
In Banks	55,101.25	\$55,356.82
In Permanent Fund	\$50,000.00	
In Annuity Fund	5,356.82	
		\$55,356.82

LIST OF ANNUITANTS.

Date of Retirement.	Name	Maximum or Fraction Thereof.	Annuity Per Month.	Annuity Per Quarter.
1895.				
Nov. 27,	Mrs. L. T. Hopkins,	Max.	\$50.00	\$150.00
1896.				
Jan. 22,	Miss L. F. Ryder,	Max.	50.00	150.00
Jan. 22,	Mrs. M. H. Currier,	Max.	50.00	150.00
April 24,	Miss V. M. Raclet,	9/10	45.00	135.00
1897.				
Sept. 11,	Miss M. Solomon,	Max.	50.00	150.00
Dec. 8,	Miss F. L. Soule,	Max.	50.00	150.00

BOARD OF EDUCATION

Date of Retirement.	Name	Maximum or Fraction Thereof.	Annuity Per Month.	Annuity Per Quarter.
1898.				
Sept. 14,	Miss Kate Kollmyer,	8/15	26.66 $\frac{2}{3}$	80.00
1899.				
April 18,	Miss M. J. Bragg,	Max.	50.00	150.00
June 14,	Mrs. M. E. Caldwell,	29/30	48.33 $\frac{1}{3}$	145.00
Aug. 1,	Mrs. E. M. Poole,	11/15	36.66 $\frac{2}{3}$	110.00
1900.				
Jan. 9,	Miss C. A. Templeton,	Max.	50.00	150.00
July 18,	Mrs. A. Griffith,	Max.	50.00	150.00
July 25,	Miss K. F. McColgan,	Max.	50.00	150.00
Aug. 1,	Miss L. M. Barrows,	13/15	43.33 $\frac{1}{3}$	130.00
Aug. 1,	Miss Annie A. Hill,	Max.	50.00	150.00
Oct. 15,	Miss M. J. Canham,	14/15	46.66 $\frac{2}{3}$	140.00
1901.				
July 20,	Miss J. B. Gorman.	Max.	50.00	150.00
Oct. 4,	Miss E. Murphy,	9/10	45.00	135.00
1902.				
Jan. 2,	Miss R. B. Campbell,	Max.	50.00	150.00
Jan. 2,	Miss L. S. Templeton,	Max.	50.00	150.00
Jan. 2,	Mr. A. T. Winn,	Max.	50.00	150.00
Sept. 28,	Miss Emma. J. Miller,	11/15	36.66 $\frac{2}{3}$	110.00
1903.				
Feb. 17,	Mrs. B. A. Chinn,	Max.	50.00	150.00
Feb. 17,	Miss Lydia Hart,	11/15	36.66 $\frac{2}{3}$	110.00
Feb. 17,	Miss Christine Hart,	Max.	50.00	150.00
Aug. 1,	Mrs. S. A. Miles,	Max.	50.00	150.00
Aug. 1,	Mr. T. B. White,	Max.	50.00	150.00
Sept. 1,	Miss A. E. Slavan,	Max.	50.00	150.00
Oct. 15,	Miss L. Burnham,	$\frac{3}{4}$	37.50	112.50
1904.				
Aug. 1,	Mr. Elisha Brooks,	Max.	50.00	150.00
Aug. 1,	Miss I. Patterson,	Max.	50.00	150.00
Sept. 1,	Mrs. E. M. Whitcomb,	Max.	50.00	150.00
1905.				
Jan. 16,	Miss E. G. Grant,	Max.	50.00	150.00
Mar. 1,	Miss M. A. Smith,	$\frac{2}{3}$	33.33 $\frac{1}{3}$	100.00
Mar. 1,	Miss Jean Parker,	Max.	50.00	150.00
Mar. 1,	Mrs. T. C. Nicholl,	Max.	50.00	150.00
Mar. 1,	Mr. Charles Ham,	Max.	50.00	150.00
Mar. 1,	Miss R. Jacobs,	Max.	50.00	150.00
Mar. 1,	Mr. D. Lambert,	Max. (Evening)	25.00	75.00
1906.				
Feb. 1,	Miss M. E. Carson,	Max.	50.00	150.00
Feb. 1,	Mrs. A. C. Taylor,	Max.	50.00	150.00
Aug. 1,	Miss E. R. Elder,	Max.	50.00	150.00
Aug. 1,	Mrs. C. Chalmers,	Max.	50.00	150.00
Oct. 1,	Miss H. E. Whirlow,	Max.	50.00	150.00
Dec. 1,	Mrs. V. Troyer,	Max.	50.00	150.00

Date of Retirement.	Name	Maximum or Fraction Thereof.	Annuity Per Month.	Annuity Per Quarter.
1907.				
April 1,	Miss Madge Sprott,	$\frac{1}{2}$ (Evening)	25.00	75.00
April 1,	Miss A. D. Miley,	$\frac{14}{15}$	46.66 $\frac{2}{3}$	140.00
April 1,	Miss Q. O. McConnell,	Max.	50.00	150.00
April 1,	Prof. A. Herbst,	Max.	50.00	150.00
July 1,	Mr. C. W. Moores,	Max.	50.00	150.00
Sept. 1,	Miss V. E. Bradbury,	Max.	50.00	150.00
Sept. 1,	Miss Martha Stone,	Max.	50.00	150.00
Sept. 1,	Miss N. C. Stallman,	Max.	50.00	150.00
Sept. 1,	Mr. W. H. Edwards,	Max.	50.00	150.00
1908.				
Jan. 1,	Miss R. V. Claiborne,	$\frac{2}{3}$	33.33 $\frac{1}{3}$	100.00
Feb. 1,	Mrs. M. E. Michener,	Max.	50.00	150.00
Feb. 15,	Mrs. F. A. Banning,	Max.	50.00	150.00
Mar. 1,	Miss Rose Fay,	$\frac{11}{15}$	36.66 $\frac{2}{3}$	110.00
Mar. 1,	Mrs. Mary A. Hogan,	$\frac{14}{15}$	46.66 $\frac{2}{3}$	140.00

The books and accounts of the Annuity and Retirement Fund were examined by Lester, Herrick & Herrick, Certified Public Accountants, and in a report on file in the office of the superintendent of schools made by this firm to the Public School Teachers' Retirement Fund Commissioners, the books and accounts were found to be correct and in good order.

I regret to state that no action was taken by the the Board of Supervisors in the matter of an appropriation of \$16,000 asked for by Public School Teachers' Retirement Fund Commissioners, for the purpose of enabling the Commission to pay the full amount of the annuities due.

The request made to the Supervisors was as follows:

San Francisco, Cal., May 2d, 1908.

To the Honorable, the Board of Supervisors in and for the
City and County of San Francisco.

Gentlemen:

The Public School Teachers' Annuity and Retirement Fund Commissioners respectfully call your attention to a serious condition affecting those teachers who have served our City faithfully for long periods of time, and who, on account of becoming incapacitated, have been forced to retire.

The tenure of teachers elected to the San Francisco School Department is for life. After service of 25 to 40 years, teachers may become decrepit, and thereby be incapable of doing strong, systematic work in the school room. It is in the nature of things that the old should yield to the young, but we must treat the aged humanely and with the utmost consideration. Classes of forty to fifty pupils are benefited by receiving impressions through the personality of young and vigorous teachers who must take the place of the old.

The Board of Education, on account of the past records for efficiency of such teachers and on account of the influence and the pleas of their former pupils and friends, finds it practically impossible to dismiss them. In such cases the members of the Board of Education are human, and are not inclined to deprive a teacher of the means of earning a livelihood and thus rendering her an object of charity in her old age. Furthermore, a teacher who has spent her best years in the school room cannot change her occupation, because she lacks vigor, and, by the duties of her profession, has been deprived of training or experience in the affairs of the world.

Gradually the policy of granting pensions to old employees or those who have been injured in service is being recognized by the great corporations of the United States, and reports universally agree that this policy has resulted in greatly improving efficiency of service by increasing the enthusiasm and fidelity of employees. Old age pension movements are gaining strength annually in France, Germany, England, and Switzerland, and, from all indications, will ultimately become rules of conduct.

A pension fund is a convenient side-door by which aged or infirm teachers may be retired from the class room. By the law, commonly known as the Teachers' Annuity Fund Act, it is possible for the Board of Education to retire such teachers with a maximum pension of \$50 per month. The fund from which the pensions are paid is made up entirely of assessments upon or deductions from the salaries of those actively engaged in teaching in the San Francisco School Department. So far this fund has been sufficient to pay only \$25 a month to the retired teachers, or one-half of the sum allowed by law. At present the total number of retired teachers receiving pensions is sixty, making the sum of \$31,000 necessary annually to pay each the maximum annuity allowed by law. The present income from the Teachers' Annuity Fund is only about \$15,300, leaving a deficit of \$15,700.

When it is remembered that this deficit bears directly upon the retired teachers, reducing the maximum annuity to which they are by law entitled from \$50 a month down, it will be seen that they are suffering unjustly a very great hardship. Twenty-five dollars a month is not sufficient to provide even the necessities of life under our increased cost of living.

For these reasons, at a meeting of the Retirement Fund Commissioners held April 18th, 1908, the following was unanimously adopted:

Whereas, The present income of the San Francisco School Teachers' Annuity Fund is derived solely from assessments upon and deductions from the salaries of those actively engaged in teaching in the department; and

Whereas, The maximum annuity now paid to the retired teachers is only \$25 per month instead of \$50 as contemplated by law, owing to insufficient income; and

Whereas, Said \$25 is insufficient to meet the advanced cost of living, and consequently works a great hardship on many of the pensioners; and

Whereas, The sum of \$16,000, in addition to that above provided, is required in order to pay the maximum of \$50 per month to said pensioners for next year; and

Whereas, the City of San Francisco has never contributed to the support of the Teachers' Annuity Fund as it very properly does to that of the Fire and Police Departments; therefore, be it

Resolved, That the Public School Teachers' Annuity and Retirement Fund Commissioners hereby respectfully ask the Honorable Board of Supervisors to appropriate to the School Teachers' Annuity Fund the sum of \$16,000 in the budget for the next fiscal year to enable said commissioners to pay to the retired teachers of the San Francisco School Department the maximum pension of \$50 per month contemplated by law.

We, therefore, respectfully ask your Honorable Board to appropriate to the School Teachers' Annuity and Retirement Fund the sum of \$16,000 in the budget for the fiscal year, 1908-09, to enable the Public School Teachers' Retirement Fund Commissioners to pay the retired teachers of the San Francisco School Department the maximum pension of \$50 per month contemplated by law.

Respectfully yours,

ALFRED RONCOVIERI,
Superintendent of Common Schools.

We concur in the above: Edward R. Taylor, Mayor; John E. McDougald,
City and County Treasurer.

LIST OF BOOKS AND PRICES OF SAME USED IN THE
SAN FRANCISCO SCHOOLS.

First Grade.....	California State Primer	\$0.25
	California State First Reader .....	.30
	* Powers' Poems for Memorizing—Part I.....	.10
Second Grade.....	California State Second Reader .....	.35
	California State Speller—Book I.....	.25
	* Powers' Poems for Memorizing—Part I.....	.10
Third Grade.....	California State Third Reader .....	.50
	California State English Lessons—Book I.....	.35
	California State Speller—Book I.....	.25
	* Powers' Poems for Memorizing—Part I.....	.10
Fourth Grade.....	California State Third Reader.....	.50
	California State English Lessons—Book I.....	.35
	California State Introductory Geography.....	.65
	California State Speller—Book I.....	.25
	California State First Book in Arithmetic.....	.35
	* Powers' Poems for Memorizing—Part I.....	.10
	Natural Music Primer.....	.30
Fifth Grade.....	California State Fourth Reader .....	.60
	California State English Lessons—Book I.....	.35
	California State Introductory Geography.....	.65
	California State Introductory History .....	.55
	California State Speller—Book I.....	.25
	California State First Book in Arithmetic .....	.35
	* Powers' Poems for Memorizing—Part I.....	.10
	Natural Music Primer.....	.30
	Webster's Common School Dictionary.....	.75
Sixth Grade.....	California State Fourth Reader .....	.60
	California State English Lessons—Book II.....	.55
	California State Grammar School History.....	.95
	California State Grammar School Geography	1.20
	California State Grammar School Arithmetic .....	.60
	California State Speller—Book II.....	.25
	Powers' Poems for Memorizing—Part II.....	.10
	Natural Music Second Reader.....	.35
	Webster's Common School Dictionary.....	.75
Teachers select reading material from the following classics. The children are not asked to buy them all:		
	Lays of Ancient Rome—Macaulay.....	.25
	King of The Golden River—Ruskin.....	.30
	Water Babies—Kingsley .....	.40
	Lamb's Tales from Shakespeare.....	.30
	A Hunting of the Deer—Warner.....	.30
	Courtship of Miles Standish—Longfellow.....	.10
Seventh Grade....	California State English Lessons—Book II.....	.55
	California State Grammar School Geography	1.20
	California State Grammar School History.....	.95

* Teacher may recommend children to purchase.

California State Grammar School Arithmetic .....	.60
California State Speller—Book II.....	.25
Powers' Poems for Memorizing—Part II.....	.10
Natural Music Second Reader.....	.35
Webster's Academic Dictionary.....	1.50
Williams' & Fisher's Theory and Practice of Cookery.....	1.10

Teachers select reading material from the following classics. The children are not asked to buy them all:

Hawthorne's Wonder Book.....	.15
Longfellow's Leaflets .....	.30
Coming of Arthur and Passing of Arthur.....	.30
Benjamin Franklin's Autobiography.....	.15
Rip Van Winkle and Sleepy Hollow.....	.15
Goldsmith's Deserted Village.....	.30
A Dog of Flanders.....	.30

Eighth Grade.....California State English Lessons—Book II.....	.55
California State Grammar School Geography	1.20
California State Grammar School Arithmetic.....	.60
California State Grammar School History.....	.95
California State Speller—Book II.....	.25
Powers' Poems for Memorizing—Part II.....	.10
Natural Music Fourth Reader.....	.35
Webster's Academic Dictionary.....	1.50
Dunn's Community and the Citizen.....	.85
Williams' & Fisher's Theory and Practice of Cookery.....	1.10

Teachers select reading material from the following classics. The children are not asked to buy them all:

Evangeline .....	.15
Dickens' Christmas Carol.....	.10
Merchant of Venice.....	.10
Snow Bound .....	.15
Julius Caesar .....	.10
Irvings Alhambra .....	.10
Scott's Lady of The Lake.....	.10

HIGH SCHOOLS—COMMERCIAL

English.....Scott's Ivanhoe, M. P. C.....	.30
Scott's Lady of the Lake—Riverside No. 53.....	.30
Lowell's Vision of Sir Launfal—Riverside No. 31.....	.15
Shakespeare's Merchant of Venice, M. P. C.....	.30
Shakespeare's Julius Caesar, M. P. C.....	.30
Williams' & Rogers' Commercial Correspondence.....	.35
Kimball's Business Speller.....	.30
California State English Lessons—Book II.....	.55
Spanish.....Worman's First Spanish Book.....	.45
Pinney's Spanish and English Conversation—First Book	.70
Pinney's Spanish and English Conversation—Second Book	.70
Monsanto & Languellier's Practical Spanish Course.....	1.40
History & Civics...Corman's Industrial History of the United States.....	1.40
Ashley's American Government.....	1.10
Mathematics.....Moore & Miner—Practical Business Arithmetic.....	1.10
Stenography.....Gallagher & Marsh—Practical Shorthand Textbook.....	1.00
Gallagher & Marsh—Shorthand Practice Book.....	1.00

Commercial Law..Huffcut's Elements of Business Law.....	1.10
Bookkeeping.....Williams' & Roger's Modern Illustrative Bookkeeping	
Text Book—Complete Course.....	1.50
Introductory Vouchers .....	.45
Introductory Forms .....	.50
Introductory Blanks .....	.40
Commission Outfit .....	.70
Dry Goods Outfit .....	.80
Grocery Outfit .....	.40
Manufacturing Outfit .....	.95
Banking Textbook .....	.55
Banking Outfit .....	.80

OFFICIAL LIST OF HIGH SCHOOL TEXT BOOKS.

1908-1909.

MATHEMATICS.

Beman & Smith's New Plane and Solid Geometry.....	1.40
Wells' Algebra.....	1.35
Crockett's Trigonometry.....	1.40

CLASSICS.

First Year.....Pearson's Essentials of Latin for Beginners.....	1.00
Tuell & Fowler's first book in Latin.....	1.10
Arrowsmith & Whicher's First Latin Readings.....	1.40
Second Year.....Caesar, Allen & Greenough.....	1.10
Second Year Latin, Greenough, D'Ooge & Daniell.....	1.40
Latin Composition, D'Ooge—Part I.....	.55
Third Year.....Cicero, Allen & Greenough.....	1.55
Latin Composition, D'Ooge—Parts II and III.....	.70
Fourth Year.....Virgil, Greenough & Kittredge.....	1.65
Latin Composition, D'Ooge—Parts II and III.....	.70
Allen & Greenough's New Latin Grammar.....	1.35

SCIENCE.

First Year.....Physical Geography, Davis'.....	1.40
Second Year.....Elements of Biology, Hunter.....	1.40
Third Year.....Elementary Chemistry, Bradburg, with Laboratory	
Experiments	1.40
Fourth Year.....First Course in Physics, Millikan & Gale, or Coleman's	
Elements of Physics.....	1.40

HISTORY.

First Year.....West's Ancient History.....	1.65
Second Year.....Meyer's Medieval and Modern.....	1.65
Third Year.....Walker's Essentials in English History.....	1.65
Fourth Year.....Hart's Essentials in American History.....	1.65
Ashley's American Government.....	1.10

GERMAN.

First Year.....	Spannhooft's Lehrbuch der Deutschen Sprache.....	1.10
	Immensee .....	.30
	Gluck Auf .....	.70
Second Year.....	Joyne's Meissner Grammar.....	1.25
	Fritz auf Ferien.....	.30
	Die Journalisten	*
	Aus Danischer Zeit.....	.40
	Bernhardt's Composition	1.00
	Heyse's Arrabiata	
	William Tell	
	Leander's Traumereien.....	

*Where there are several editions from which to select, price is not given.

ENGLISH.

First Year.....	Gayley's Classic Myths	1.65
	State Language Lessons.....	.55
	Poetry of the People, Gayley and Flaherty.....	.55
	Principals and Progress of Poetry, Gayley and Young....	1.25
	Composition, Rhetoric, Brooks & Hubbard.....	1.10
	Scott's Ivanhoe.....	.30
	Scott's, "The Lady of the Lake".....	.30
Second Year.....	Introduction to American Literature, Pancoast.....	1.50
	Snowbound, Whittier.....	.15
	The Merchant of Venice, Shakespeare.....	.30
	Julius Caesar, Shakespeare.....	.30
	The American Scholar, Emerson.....	.15
	Democracy, Lowell .....	.15
	Lincoln, Lowell .....	.15
Third Year.....	Orations (small editions instead of Bradley's), The Commemoration Ode, Lowell.....	.15
	Warren Hastings, Macaulay.....	.15
	Silas Marner, Eliot .....	.30
	The Vicar of Wakefield, Goldsmith.....	.30
	De Coverly Papers, Addison .....	.35
	Burns, Carlyle.....	.25
Fourth Year.....	Macbeth, Shakespeare.....	.30

FRENCH.

Fraser & Squair.....	Abridged French Grammar, first and second year.....	1.25
J. Lazare.....	Lectures Faciles, first year.....	.35
Francois.....	Introductory French Composition.....	
Comfort.....	Exercises in French Composition, second year.....	.35
Sanderson.....	Through France and the French Syntax, third year.....	.75

TEXTS FOR FIRST, SECOND OR THIRD YEAR.

About.....	La Mere de la Marquise.....	.55
	La Fille du Chanoine.....	
Angier.....	Le Gendrede M. Poirier.....	.45
Cameron.....	Tales of France.....	1.10

Corneille.....	Le Cid	
Daudet.....	Trois Contes Choisis.....	.25
Daudet.....	Tartarin de Tarascon.....	
Daudet.....	Choix de Contes.....	
Daudet.....	La Belle Nivernaise.....	.35
Dike.....	Scientific Reader.....	1.10
Dumas.....	La Tulipe Noir.....	
Dumas.....	Le Chevalier de Maison Rouge.....	.45

FRENCH REALISTS.

Halevy.....	L'Abbe Constantin.....	.45
Healy.....	La Comedie Classique en France.....	
Hugo.....	Hernani	
Labiche.....	Le Voyage de M. Perrichon.....	.35
Labiche.....	La Cigale chez les Fourmis.....	.25
Labiche.....	La Poudre aux Yeux.....	
Laurie.....	Memories d'un Collegien.....	.55
Loti.....	Pecheur d' Islande .....	.35
Maupassant.....	Huit Contes Choisis.....	.35
Merimee.....	Colomba .....	.40
Moliere.....	L'Avare .....	.40
Moliere.....	Le Bourgeois Gentilhomme .....	.35
Moliere.....	Les Precieuses Ridicules et les Femmes Savantes.....	
La Brete.....	Mon Oncle et mon Cure.....	.55
Pailbron.....	Le Monde ou l'on s'ennuie.....	.35
Pailbron.....	L'Etincelle .....	.45
Luquiens.....	Popular Science .....	.70
George Sand.....	La Mare Au Diablo.....	
Sandeau.....	Mlle. de la Seigliere.....	
Mme. de Sevigne.....	Lettres Choisies .....	.55
Saintine.....	Picciola .....	.50
St. Pierre.....	Paul et Virginie .....	.55
Schultz.....	La Neuvaime de Colette .....	.50
Racine.....	Athalie	
de Vigny.....	La Canne de Jonc .....	.45
	"How to Learn the Sense of 3,000 French words in an Hour."	

LIBRARY AND SUPPLEMENTARY BOOKS AND SCHOOL TEXTS FOR
USE OF INDIGENTS.

High Schools.....	4,654
Primary and Grammar Schools.....	61,530
Evening Schools	1,601
	<hr/>
Total in Schools.....	67,785
In storerooms	13,372
	<hr/>
Total number of volumes.....	81,157
Valued at \$29,000.	

LIST OF SCHOOLS AND TEACHERS.

Name.	Grade of Class.	When Elected.	Grade of Certificate	Salary per Year.
Adams Cosmopolitan Grammar School—				
McFarland, Miss H. F.	Principal	Nov. 30, 1877	Grammar	\$2,160.00
Phillips, Miss H.	V. P., 8th	May 13, 1873	Grammar	1,500.00
Fairchild, Miss M. E.	Eighth	July 1, 1874	High	1,128.00
Doughty, Mary A.	Seventh	Oct. 31, 1891	Grammar	1,128.00
Coons, Sarah S.	Seventh	Sept. 1, 1888	Grammar	1,128.00
Dolan, Mrs. C. M.	Sixth	Aug. 16, 1888	Grammar	1,092.00
Hesselmeier, Miss C. A.	Sixth	Feb. 11, 1892	Grammar	1,092.00
Grozelier, Miss A. M.	Fifth	Sept. 29, 1892	Grammar	1,152.00
Littlefield, Eleanor A.	Fourth	June 15, 1866	Grammar	1,092.00
Hurley, Mamie E.	Third	Sept. 10, 1884	Grammar	1,128.00
Houston, Miss M. J.	Second	April 2, 1881	Grammar	1,128.00
Hawkins, Miss G. G.	French & Ungraded	Oct. 10, 1901	High	1,188.00
Hertz, Miss R.	German	Feb. 7, 1886	Grammar	1,104.00
Agassiz Primary—				
Jones, Miss S. J.	Principal	April 1, 1878	Grammar	1,800.00
Harvey, Miss A.	First	July 31, 1889	Grammar	1,128.00
Phillips, Miss M. E.	Fifth	Nov. 18, 1884	Grammar	1,092.00
Brown, Miss R. F.	Fifth	July 18, 1902	Grammar	1,092.00
Glidden, Miss C. A.	Fifth	July 9, 1877	Grammar	1,092.00
Josselyn, Ada M.	Fifth	Oct. 9, 1883	Grammar	1,152.00
Clausen, Miss E. A.	Fourth	Jan. 31, 1894	Grammar	1,044.00
Bartlett, Miss O. S.	Fourth	Jan. 31, 1894	Grammar	1,044.00
Boyle, Miss O. C.	Fourth	Oct. 1, 1905	Grammar	862.00
Rixon, Eliza A.	Fourth	Feb. 28, 1898	Grammar	1,044.00
Fredericks, Miss F. L.	Third	Feb. 16, 1891	Grammar	1,044.00
Cleary, Miss R. F.	Third	Oct. 23, 1901	Grammar	963.00
Hanson, Miss L.	Third	July 20, 1903	Grammar	963.00
Wright, Miss H.	Third	Dec. 1, 1890	Primary	1,044.00
Onyon, Miss A. M.	Second	Jan. 6, 1902	Grammar	963.00
Liner, Miss M. G.	Second	July 27, 1898	Grammar	1,044.00
Maloney, Miss K. A.	First	Jan. 10, 1881	Grammar	1,128.00
Bley, Miss M. R.	First	Nov. 11, 1890	Grammar	1,128.00
Sankey, Miss M. F.	First	Sept. 15, 1883	Grammar	1,128.00
Bay View—				
McElroy, Miss L.	Principal	Dec. 6, 1891	Grammar	1,440.00
Flynn, Miss M. E.	Fourth	Nov. 20, 1877	Primary	1,044.00
Schroeder, Miss S.	Fourth	Aug. 26, 1907	High	828.00
Curtis, Miss C. M.	First	July 6, 1882	Grammar	1,128.00

BOARD OF EDUCATION

Hopkins, Mrs. J. M.	May 15, 1905	Grammar	1,044.00
Gannon, Mrs. M. F.	July 6, 1877	Grammar	1,128.00
Bernal Grammar—			
Regan, Miss A. G.	Oct. 5, 1887	Grammar	2,160.00
McGovern, Miss K. A.	Oct. 13, 1893	Grammar	1,500.00
Scott, Mrs. E.	July 15, 1897	Grammar	1,128.00
Schendel, Miss A.	Sept. 27, 1880	Grammar	1,128.00
Dougllass, M. Louise	Aug. 30, 1905	Grammar	1,092.00
Nepfert, Miss L. C.	Dec. 29, 1892	Grammar	1,092.00
McQuade, Miss M.	Feb. 9, 1892	Grammar	1,092.00
Maxwell, Miss E.	April 26, 1907	High	963.00
Benjamin, Miss M. O.	Aug. 26, 1903	Grammar	963.00
Stuart, Miss M. A.	June 11, 1904	Grammar	963.00
Simpson, Sarah S.	July 2, 1889	Grammar	1,044.00
Libby, Georgie F.	Sept. 23, 1878	Grammar	1,044.00
McCarthy, Miss M. C.	Oct. 23, 1901	Grammar	924.00
Folsom, Miss M. L.	Nov. 18, 1896	Grammar	1,044.00
Gilchrist, Miss C. H.	Sept. 15, 1901	Grammar	1,002.00
Madden, Miss E. L.	July 27, 1898	Grammar	1,002.00
Bergerot Primary—			
Gavigan, Miss A. E.	July 20, 1875	Grammar	1,560.00
Simms, Miss E.	April 5, 1883	Grammar	1,128.00
Oliver, Miss M. D.	June 26, 1905	Grammar	903.00
Fairweather, Helen B.	May 16, 1882	Grammar	1,092.00
Evans, Isabel	June 21, 1904	High	963.00
Bonnell, Mrs. G. D.	Oct. 29, 1894	Grammar	1,044.00
McGown, Mrs. J. D.	Jan. 27, 1886	Grammar	1,092.00
Davis, Miss F.	Sept. 8, 1897	Grammar	1,044.00
Cassidy, Miss V.	Aug. 10, 1897	Grammar	1,044.00
Bowers, Miss E. B.	Sept. 2, 1904	Grammar	1,044.00
Hanlon, Miss L. R.	Oct. 1, 1884	Grammar	1,128.00
Loewi, Miss M.	Jan. 26, 1898	Grammar	1,128.00
McDonnell, Miss A. F.	Sept. 1, 1897	Grammar	1,128.00
Bryant Cosmopolitan School—			
Kelly, Miss E. E.	Oct. 5, 1887	Grammar	1,560.00
Giffard, Mrs. E. C.	Feb. 25, 1876	Special French	1,500.00
Stanford, Miss B. M.	Jan. 11, 1877	Grammar	1,188.00
Rutherford, Miss H. M.	Nov. 7, 1888	Grammar	1,092.00
Kulmak, Miss L.	July 22, 1886	Grammar	972.00
McNear, Miss L. C.	July 8, 1872	Grammar	1,044.00
Curry, Miss M. E.	Feb. 5, 1878	Grammar	1,044.00
Mooney, Miss F. C.	Aug. 28, 1883	Grammar	1,188.00
Heineberg, Miss L.	Aug. 15, 1873	Grammar	1,188.00
Robertis, Miss M. E.	July 14, 1871	Grammar	1,128.00

LIST OF SCHOOLS AND TEACHERS—Continued.

Name.	Grade of Class.	When Elected.	Grade of Certificate	Salary per Year.
Bryant Cosmopolitan School—Continued				
Koch, Miss L. H.	Fourth, German	Oct. 31, 1894	Grammar	1,104.00
Unger, Miss A. N.	First, German	Aug. 20, 1878	Grammar	1,188.00
Duffy, Miss H. M.	Fifth	July 1, 1903	Grammar	1,002.00
Buena Vista Primary—				
Catlin, Miss A. G.	Principal	Mar. 5, 1878	Grammar	1,800.00
Grant, Miss Emily	Sixth	Mar. 30, 1905	Grammar	1,002.00
Hunt, Charlotte F.	Fifth	Oct. 28, 1892	Grammar	1,092.00
Soule, Miss M.	Fifth	July 22, 1896	Grammar	1,152.00
Lewis, Miss R. P.	Fourth	Mar. 14, 1886	Grammar	1,044.00
O'Connor, Nellie T.	Third	Dec. 23, 1903	Grammar	963.00
Paxton, Miss K. R.	Fourth	July 22, 1896	Grammar	1,092.00
Hilderth, Mrs. O.	Second	Nov. 11, 1896	Grammar	1,044.00
McFadden, Emma	Second	Jan. 1, 1887	Grammar	1,044.00
Frank, Miss J. E.	Third	Dec. 13, 1896	Grammar	1,044.00
Fleming, Miss M. R.	First	Nov. 14, 1896	Grammar	1,128.00
Rollins, Miss M. A.	First	Oct. 8, 1879	Grammar	1,128.00
Stack, Rose M.	First	Feb. 23, 1898	Grammar	1,128.00
Crocker, Miss B. H.	First	Aug. 5, 1888	Grammar	1,128.00
Burnett Grammar—				
Prior, Philip	Principal	June 14, 1865	High	2,160.00
McGuire, Miss B. A.	V. P., Eighth	Oct. 16, 1883	Grammar	1,500.00
Stolz, Miss R. C.	Seventh	Dec. 28, 1892	Grammar	1,128.00
Hanford, Miss E. V.	Sixth	Sept. 1, 1886	Grammar	1,128.00
Casey, Miss M.	Sixth	Sept. 30, 1884	Grammar	1,092.00
Perkins, Miss A. F.	Fifth	Nov. 1, 1890	Grammar	1,092.00
Fitzgerald, Mrs. M. T.	Fifth	Aug. 19, 1907	Grammar	1,092.00
Kortick, Miss A. M.	First	Sept. 24, 1877	Grammar	1,128.00
Kean, Miss J. I.	First	Aug. 7, 1888	Grammar	1,128.00
Wheeler, Queen	First	Oct. 2, 1905	Grammar	1,128.00
McGorey, Miss S.	Second	Feb. 12, 1890	Grammar	1,044.00
Sleeper, Miss Mary	Third	Nov. 18, 1873	Grammar	1,044.00
Piper, Miss L. K.	Third	July 19, 1885	Grammar	1,044.00
Baillie, Miss M.	Fourth	June 9, 1897	Grammar	1,044.00
Clement Primary—				
Quinlan, Mrs. F. L.	Principal	Aug. 10, 1898	Grammar	1,440.00
Bronson, Mrs. F. P.	First	Sept. 1, 1884	High	1,128.00
Meaney, Miss M. E.	Second	Aug. 7, 1893	Grammar	1,044.00
Cohen, Miss Rose	Fourth	Jan. 3, 1889	Grammar	1,044.00
Mayers, Miss Eliz.	Third	Jan. 20, 1886	Grammar	1,044.00
Cooke, Edith A.	First	Mar. 1, 1903	Grammar	1,128.00

BOARD OF EDUCATION

Columbia Grammar—

Burke, Mrs. L. K.	Principal	23, 1857	High	2,160.00
McGeough, Miss K.	V. P., Eighth	Jan. 12, 1898	Grammar	1,500.00
Dunn, Miss M. L.	Eighth	Aug. 13, 1892	Grammar	1,128.00
Krauss, Miss L. H.	Seventh	Sept. 4, 1890	Grammar	1,128.00
Derrick, Miss A. L.	Seventh	June 24, 1884	Grammar	1,128.00
Simon, Mrs. M.	Sixth	Jan. 29, 1877	Grammar	1,092.00
Simon, Mrs. E. R.	Sixth	Nov. 5, 1897	Grammar	1,092.00
Canar, Miss L. A.	Sixth	Jan. 12, 1898	Grammar	1,092.00
Radford, Miss M. E.	Fifth	Oct. 29, 1891	Grammar	1,092.00
Doherty, Miss M. E.	Fifth	Oct. 29, 1891	Grammar	1,092.00
Jones, Miss Maud L.	Fifth	Nov. 1, 1904	Grammar	1,044.00
Love, Josephine S.	Fourth	Oct. 19, 1875	Grammar	1,044.00
Lahaney, Miss M.	Third	July 14, 1895	Grammar	1,044.00
Stewart, Miss V.	Third	Mar. 15, 1884	Grammar	1,044.00
Quinn, Miss A. M.	Fourth	Dec. 14, 1892	Grammar	1,044.00
Dolan, Miss Mary J.	Second	Feb. 3, 1888	Grammar	1,044.00
Lyons, Miss K. G.	Second	Dec. 20, 1896	Grammar	1,128.00
McKee, Eva M.	First	Sept. 14, 1892	Grammar	1,128.00
Boland, Joanna M.	First	Sept. 18, 1875	Grammar	1,128.00
CConnell, Mary I.	First	Mar. 11, 1873	Grammar	1,128.00
Brown, Mrs. Annie M.	First	Feb. 13, 1871	Grammar	1,128.00
Blumenthal, Miss A. A.	Fifth	Jan. 13, 1892	Grammar	1,092.00

Cooper Primary—

O'Connell, Miss A. M.	Principal	Sept. 16, 1884	Grammar	1,440.00
O'Connor, Emma H.	Second	Jan. 6, 1908	Grammar	828.00
Parker, Miss M. G.	First	Nov. 26, 1907	Grammar	1,044.00
Murray, Miss M. G.	Second	Nov. 11, 1907	Grammar	828.00
Hackett, Mrs. E. S.	First	Oct. 1873	Grammar	1,128.00
Paterson, Miss M.	First	Aug. 14, 1905	Grammar	1,128.00
Roden, Miss L.	First	Aug. 1905	Grammar	1,128.00
Gleason, Miss C. Z.	First	Sept. 1, 1905	Grammar	1,128.00
Moore, Eliz. B.	First	Sept. 30, 1901	Grammar	1,128.00
Vogelsang, Dorothy	First	Oct. 14, 1902	Grammar	1,128.00

Grocker Grammar—

Mark, Mr. O. W.	Principal	July 10, 1893	High	2,160.00
Murphy, Annette	Seventh	Dec. 20, 1890	Grammar	1,128.00
Shea, Miss M. T.	V. P., Eighth	July 10, 1876	Grammar	1,500.00
Folsom, Miss S. A.	Eighth	Aug. 23, 1880	Grammar	1,128.00
Coleman, Miss Elvira	Eighth	April 3, 1883	Grammar	1,128.00
Smith, Miss F. E.	Eighth	Jan. 7, 1895	Grammar	1,188.00
Harby, Miss R.	Eighth	May 5, 1879	Grammar	1,128.00
Durkin, Miss J. L. F.	Eighth	Aug. 1, 1882	Grammar	1,128.00
Barrett, Miss Mary A.	Seventh	Sept. 2, 1896	Grammar	1,128.00
Carew, Miss M. M.	Seventh	Nov. 29, 1896	Grammar	1,128.00
Armstrong, Miss N.	Seventh	Dec. 26, 1877	Grammar	1,128.00

LIST OF SCHOOLS AND TEACHERS—Continued.

Name.	Grade of Class.	When Elected.	Grade of Certificate	Salary per Year.
Crocker Grammar—Continued.				
Burke, Miss Elizabeth T.	Seventh	April 3, 1892	Grammar	1,128.00
Murphy, Jennie L.	Seventh	Nov. 4, 1886	Grammar	1,128.00
Saaburg, Miss J. E.	Sixth	Dec. 5, 1889	Grammar	1,092.00
Carpenter, Miss E.	Sixth	July 6, 1905	Grammar	1,047.00
Coleman, Frances E.	Sixth	Dec. 14, 1877	Grammar	1,092.00
Roberts, Miss B. E.	Sixth	Jan. 2, 1902	Grammar	1,002.00
Hefron, Miss Helen.	Sixth	April 2, 1886	Grammar	1,092.00
Macualg, Miss B.	Sixth	June 23, 1904	Grammar	1,092.00
Gleason, Miss Mary T.	Fifth	Dec. 10, 1890	Grammar	1,092.00
English, Virginia L.	Ungraded	Aug. 11, 1897	Grammar	1,128.00
Denman Grammar—				
Mann, Azro L.	Principal	Dec. 29, 1865	High	2,160.00
Smith, Jessie	Eighth	Mar. 10, 1863	High	1,128.00
Gallagher, Margaret J.	Seventh	Aug. 30, 1870	Grammar	1,128.00
Childs, Miss K. B.	Seventh	July 5, 1866	Grammar	1,092.00
Jewell, Miss R. A.	Sixth	Jan. 2, 1876	Grammar	1,092.00
D'Arcy, Miss A. M.	Fifth	July 15, 1870	Grammar	1,092.00
Hazleton, Miss R. H.	Ungraded	April 6, 1873	Grammar	1,128.00
Douglass Primary—				
Tarpy, Miss W. L.	Principal	Aug. 19, 1884	Grammar	1,560.00
Hetzer, Miss M.	Fourth	Sept. 12, 1894	Grammar	1,044.00
Bishop, Louise M.	Fourth	Sept. 8, 1897	Grammar	1,044.00
Curley, Miss A. G.	Third	April 1, 1903	Grammar	1,014.00
Houghton, Miss E.	First	Nov. 11, 1896	Grammar	1,044.00
Doherty, Miss M. A.	Second	June 9, 1897	Grammar	1,044.00
Reichling, Miss W. L.	Second	Jan. 6, 1902	Grammar	1,044.00
Joseph, Miss E.	Second	Aug. 20, 1907	Grammar	828.00
Bush, Miss E. S.	First	Oct. 1, 1905	Grammar	1,092.00
Parks, Miss M. R.	First	Sept. 15, 1891	Grammar	1,128.00
Grafe, Miss L.	First	July 15, 1902	Grammar	1,128.00
O'Connor, Miss J.	First	Aug. 26, 1905	Grammar	1,128.00
Dudley Stone Primary—				
Earle, Miss S. H.	Principal	July 20, 1869	High	1,800.00
Newman, Bertha K.	Third	Feb. 1, 1904	Grammar	1,044.00
Sexton, Miss J. L.	Fifth	Sept. 12, 1894	Grammar	1,092.00
Carew, Miss M. R.	Fifth	Sept. 20, 1894	Grammar	1,092.00
Hare, Miss F.	Fifth	Oct. 21, 1873	Grammar	1,092.00
Simpson, Miss M. L.	Fourth	Sept. 15, 1885	Grammar	1,104.00
Koch, Miss L.	Fourth	Feb. 11, 1903	Grammar	963.00

BOARD OF EDUCATION

McPoyle, Miss A. B.	Fourth	Sept. 30, 1892	Grammar	1,044.00
Gambitz, Miss L.	Third	Nov. 11, 1896	Grammar	1,044.00
Cassinelli, Miss C. M.	Third	July 23, 1902	Grammar	1,044.00
Dwyer, Miss M. C.	Second	Sept. 1, 1897	Grammar	1,044.00
Gambitz, Miss N. R.	Second	Jan. 12, 1898	Primary	1,044.00
Fritz, Miss L. M.	Second	July 1, 1903	Grammar	924.00
Cullen, Miss J. A.	First	Nov. 1, 1883	Grammar	1,128.00
McGeough, Miss R.	First	Jan. 31, 1884	Grammar	1,128.00
Haslam, Mrs. J. P.	Ungraded	June 14, 1903	Grammar	1,128.00
Edison Primary—				
Saunders, Miss J.	Principal	April 23, 1887	Grammar	1,560.00
Hucks, Miss A. E.	Third	Nov. 3, 1864	Grammar	1,044.00
Kelly, Miss M. C.	Fifth	Dec. 8, 1891	Grammar	1,092.00
Barry, Miss M. E.	Fifth	April 1, 1884	Grammar	1,092.00
Power, Miss A. R.	Fourth	Feb. 24, 1898	Grammar	1,044.00
Booth, Miss L.	Fourth	Feb. 1, 1889	Grammar	1,044.00
Wilson, Miss E. N.	Third	July 18, 1902	Grammar	924.00
Harrigan, Miss A. M.	Second	Sept. 19, 1891	Grammar	1,044.00
Robinet, Miss M. M.	First	Feb. 5, 1875	Grammar	1,128.00
McDermott, Miss C. M.	Second	Nov. 30, 1882	Grammar	1,044.00
Steele, Miss M. A.	First	Sept. 14, 1872	Grammar	1,128.00
Emerson Primary—				
Ephriam, Miss J.	Fifth	July 23, 1876	Grammar	1,092.00
Dennis, Miss E.	First	Dec. 5, 1888	Grammar	1,128.00
McLaughlin, Miss A. M.	Second	July 6, 1877	Grammar	1,128.00
Tilling, Miss A.	Second	Sept. 8, 1897	Grammar	1,044.00
Doran, Marie E.	Second	Sept. 4, 1871	Grammar	1,138.00
Kurlandzik, Miss R.	Second	Jan. 14, 1903	High	963.00
Pettigrew, Miss E. R.	Third	Nov. 26, 1888	Primary	989.00
Wolf, Miss E. R.	Third	Feb. 8, 1903	Grammar	960.00
Casamayou, Miss A. G.	Third	Sept. 10, 1897	Grammar	1,044.00
Bailey, Miss C. B.	Fourth	Sept. 13, 1894	Grammar	1,044.00
Nelson, Miss M. F.	Fourth	May 13, 1896	Grammar	1,044.00
Gambitz, Miss L. B.	Fourth	May 27, 1897	Grammar	1,044.00
Watson, Miss M. A.	Fifth	Mar. 12, 1890	Grammar	1,092.00
Galloway, Miss M. S.	First	Nov. 28, 1881	Grammar	1,128.00
O'Brien, Miss L.	First	Mar. 12, 1890	Grammar	1,128.00
Meyer, Miss R.	First	Nov. 22, 1884	Grammar	1,128.00
Langdon, Miss M. M.	Ungraded	May 28, 1904	Grammar	1,128.00
Spafford, Miss D. B.	Third	Jan. 8, 1906	Grammar	1,002.00
Spencer, Mrs. T. F.	Principal	July 17, 1901	Grammar	1,800.00
Everett Grammar—				
Sturges, Selden	Principal	July 6, 1875	Grammar	2,160.00
Leggett, Mr. W. A.	V. P.	Oct. 22, 1888	High	1,500.00
Lindberg, Emily U.	Eighth	Sept. 6, 1874	Grammar	1,236.00

LIST OF SCHOOLS AND TEACHERS—Continued.

Name.	Grade of Class.	When Elected.	Grade of Certificate.	Salary per Year.
Everett Grammar—Continued.				
Theisen, Miss A. J.	Seventh	Dec. 20, 1892	Grammar	1,128.00
Devinc, Miss M. E.	Sixth	July 14, 1895	Grammar	1,092.00
Hogan, Helen M.	Sixth	Sept. 30, 1900	Grammar	1,002.00
Johnson, Marie J.	Fifth	Feb. 1, 1876	Grammar	1,092.00
Grimm, Miss A. L.	Fifth	Feb. 14, 1881	Grammar	1,092.00
Casassa, Miss R. I.	Fourth	July 27, 1898	Grammar	1,044.00
Sullivan, Julia F.	Fifth	Aug. 1, 1897	Grammar	1,092.00
Perl, Ida May	Fourth	Nov. 11, 1896	Grammar	1,044.00
Walters, Miss T. L.	Fourth	Jan. 8, 1906	Grammar	882.00
McKinnie, Eliza	Third	July 28, 1902	Grammar	963.00
Fenton, Miss E. R.	Third	July 27, 1898	Grammar	1,044.00
Spafford, Helen E.	Second	Jan. 6, 1902	Grammar	1,044.00
Gallagher, Miss R. C.	Second	July 28, 1889	Grammar	1,044.00
Morse, Miss N. A.	Second	July 30, 1890	Grammar	1,044.00
Huntley, Miss A. M.	First	Oct. 21, 1873	Grammar	1,128.00
Gracier, Miss A. J.	First	July 6, 1877	Grammar	1,128.00
Quinn, Miss A. W.	Sixth	Jan. 3, 1893	Grammar	1,092.00
Cassidy, Miss K. J.	First	April 3, 1887	Grammar	1,128.00
Fairmount Grammar—				
Johnston, Miss C. M.	Principal	Oct. 28, 1873	Grammar	2,160.00
Huskey, Mr. F. G.	V. P., Eighth	July 27, 1897	Grammar	1,500.00
Hammond, Miss E. E.	Seventh	Dec. 1, 1882	Grammar	1,128.00
Berard, Miss E. L.	Sixth	Sept. 30, 1901	Grammar	1,024.00
McCauley, Miss M. A.	Sixth	Aug. 11, 1897	Grammar	1,092.00
Fallon, Miss D. A.	Sixth	April 21, 1891	Grammar	1,092.00
Hortop, Miss C. E.	Fifth	Aug. 26, 1903	Grammar	1,002.00
Millhone, Belle	Fourth	July 27, 1898	Grammar	1,092.00
Harte, Mrs. S.	Fourth	Mar. 4, 1903	Grammar	963.00
Torpey, Miss K. L.	Fourth	Feb. 23, 1898	Grammar	1,044.00
Chandler, Miss M. G.	Third	Mar. 1, 1904	Grammar	1,044.00
Provost, Miss T. E.	Second	April 14, 1875	Grammar	1,044.00
O'Brien, Miss M. F.	Second	Nov. 19, 1905	Grammar	882.00
Foley, Miss Mary W.	First	Jan. 27, 1905	Grammar	1,128.00
Barry, Miss A. P.	First	Sept. 21, 1886	Grammar	1,128.00
Carey, Miss A. A.	First	Sept. 15, 1882	Grammar	1,128.00
Boyle, Edith M.	Fourth	Nov. 15, 1896	Grammar	963.00
Frank J. McCoppin—				
Jenkins, Miss S. B.	Principal	Oct. 21, 1877	Grammar	1,560.00
Barber, Miss E. J.	Fifth	Mar. 1, 1884	Grammar	1,092.00

BOARD OF EDUCATION

Dower, Miss J. E. Fifth
 Higby, Miss S. J. Fourth
 Jacobs, Miss H. H. Fourth
 O'Neil, Miss M. E. Third
 Hart, Miss E. I. Second
 Coggin, Miss E. M. Second
 Wright, Mrs. M. S. First
 Wade, Miss L. M. First
 Fay, Miss M. A. First

Franklin Grammar—

Wood, Mrs. N. A. Principal
 Coffey, Miss J. C. V. P.
 Harris, Miss R. S. Seventh
 Woodland, Miss E. B. Fifth
 McCullough, Miss M. J. Fourth
 Quinn, Miss May Sixth
 Thomas, Etta O. Fifth
 Carroll, Miss A. T. Third
 Cadwalder, Miss E. Second
 Roper, Miss B. First
 Dunn, Miss C. E. First

Fremont Grammar—

Goldsmith, Miss R. Principal
 Ostrom, Mrs. I. D. V. P., Eighth
 McKown, Mrs. M. E. Seventh
 Hanley, Nora B. Ungraded
 Rosenfeld, Miss F. First
 Mount, Miss S. F. First
 Luis, Mrs. R. Second
 Moran, Miss D. F. Second
 MacNichol, Mrs. J. E. Second
 Lewis, Rose F. Third
 Goldsmith, Miss B. Fourth
 Shorb, Mrs. M. E. Fourth
 Langstader, Pauline Fifth
 O'Connell, Miss M. C. Fifth
 Classen, Miss L. M. Sixth
 Grant, Mrs. K. D. Seventh

Garfield Primary—

Scherer, Miss M. A. Principal
 Bradley, Anna B. Second
 Woodland, Mrs. I. C. First
 McAllister, Mrs. F. R. First
 Powers, Mrs. M. B. First

Feb. 12, 1906
 Mar. 6, 1905
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 Nov. 28, 1881
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 July 30, 1886
 Mar. 11, 1873

Nov. 13, 1866
 Sept. 11, 1895
 Mar. 30, 1905
 July 21, 1902
 Aug. 22, 1907
 Nov. 16, 1905
 Jan. 26, 1906
 June 25, 1905
 June 21, 1895
 Nov. 23, 1869
 Oct. 22, 1884

Mar. 1, 1873
 Aug. 10, 1898
 April 14, 1869
 Sept. 30, 1890
 Aug. 1, 1888
 Jan. 31, 1889
 Sept. 27, 1880
 Dec. 1, 1898
 Oct. 27, 1897
 July 28, 1898
 Feb. 15, 1876
 Oct. 21, 1901
 Aug. 13, 1872
 July 18, 1902
 April 9, 1875
 June 3, 1897

Aug. 7, 1879
 Aug. 22, 1882
 Dec. 1, 1882
 July 27, 1898
 Sept. 2, 1885

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LIST OF SCHOOLS AND TEACHERS—Continued.

Name.	Grade of Class.	When Elected.	Grade of Certificate.	Salary per Year.
Garfield Primary—Continued.				
Wehrli, Miss E.	First	Jan. 29, 1905	Grammar	1,128.00
McLane, Miss H. E.	First	Dec. 14, 1892	Grammar	1,128.00
Cashman, Miss M. E.	Third	Nov. 19, 1905	Grammar	882.00
Moser, Mary E.	Third	Feb. 1, 1905	Grammar	1,044.00
Klein, Miss M. G.	Third	Jan. 6, 1902	Grammar	963.00
Irwin, Miss M. A.	Fourth	Nov. 4, 1891	Primary	1,044.00
Hess, Teresa	Fifth	Oct. 17, 1904	High	948.00
Rea, Miss B.	Second	Jan. 6, 1908	Grammar	828.00
McWilliams, Miss B.	Second	Jan. 16, 1908	Grammar	828.00
Casey, Miss N. V.	Second	Mar. 20, 1907	Grammar	1,044.00
Busch, Miss E. E.	Second	Aug. 27, 1907	High	848.00
Glen Park School—				
Pechin, Mrs. C. R.	Principal	Sept. 12, 1871	Grammar	2,160.00
Donnelly, Miss M. L.	V. P., Eighth	July 12, 1875	Grammar	1,500.00
Doran, Julia A.	Sixth	Jan. 7, 1869	Grammar	1,128.00
Wettig, Miss A.	First	July 22, 1882	Grammar	1,128.00
Dworzacek, Miss B. E.	Fourth	Jan. 3, 1882	Grammar	1,044.00
Glenon, Miss I. T.	Fifth	Oct. 21, 1873	Grammar	1,128.00
Crowley, Miss Mary E.	Third	Mar. 5, 1878	Grammar	1,092.00
McGuire, Miss Mary	Second	April 7, 1882	Grammar	1,044.00
Barron, Miss C. M.	Second	Oct. 24, 1888	Grammar	1,044.00
Phelps, Mrs. J. H.	First	Mar. 20, 1877	Grammar	1,128.00
Golden Gate Primary—				
Hart, Miss P.	Principal	July 6, 1870	High & Gram.	1,440.00
Wiseman, Mary L.	Fifth	Jan. 20, 1876	Grammar	1,092.00
Houston, Mary A.	Fourth	Aug. 15, 1877	Grammar	1,044.00
Bonnell, Mrs. E. M.	Fourth	Feb. 5, 1877	Grammar	1,044.00
Ryan, Miss E. T.	Third	Jan. 4, 1875	Primary	1,044.00
Kaplan, Miss M. E.	Second	Nov. 8, 1884	Grammar	1,044.00
Cashin, Margaret G.	Second	April 4, 1886	Grammar	1,044.00
Hare, Mrs. K. M.	First	Oct. 2, 1873	Grammar	1,128.00
Johnson, Miss A. M.	First	Mar. 1, 1879	Grammar	1,128.00
Grant Primary—				
Shaw, Miss I. E.	Principal	May 30, 1882	Grammar	1,440.00
Kincaid, Miss B. C.	Seventh	Nov. 11, 1896	Grammar	1,128.00
Ryder, Miss V.	Sixth	Aug. 9, 1905	Grammar	903.00
Hart, Miss E. D.	Fifth	July 20, 1903	Grammar	948.00
Cookson, Miss A. B.	Fifth	Jan. 12, 1898	Grammar	1,092.00
Sullivan, Emma G.	Fourth	Jan. 12, 1898	Grammar	1,044.00

Berg, Miss F. C.....	Second				924.00
Dea, Miss V. V.....	Second				1,128.00
Campbell, Anne B.....	First	Nov. 12, 1878	Grammar		1,128.00
Gratton Primary—					
Rutler, Mrs. E.....	Principal				1,440.00
Frontin, Miss E. A.....	Fifth	Aug. 4, 1882	Grammar		1,152.00
Sprague, Miss A. F.....	Fourth	Oct. 1, 1877	Grammar		1,128.00
Simon, Miss M.....	Second	Sept. 14, 1867	Grammar		1,128.00
Shepherd, Miss K.....	First	Feb. 16, 1875	Grammar		1,128.00
Maccord, Miss I.....	Second and Third	July 12, 1873	Grammar		1,044.00
Drake, Mrs. A. K.....	Second	Feb. 5, 1878	Primary		1,044.00
		Aug. 16, 1903	Grammar		963.00
Haight Primary—					
Haswell, Miss M. A.....	Principal				1,800.00
Wieland, Stella M.....	Fourth	June 25, 1867	High		828.00
Keegan, Miss A. R.....	Third	Feb. 16, 1906	High		924.00
Sweeney, Miss C. L.....	Fifth	Feb. 21, 1905	Grammar		1,092.00
Rodgers, Miss C. E.....	Fifth	Jan. 6, 1876	Grammar		1,092.00
Gilmore, Miss E. M.....	Fourth	Oct. 1, 1901	Grammar		1,044.00
Donovan, Miss E.....	Fourth	Nov. 24, 1897	Grammar		1,044.00
Hartick, Miss L. A.....	Second	July 14, 1868	Primary		828.00
Green, Mrs. A. H.....	Third	Aug. 22, 1907	Grammar		1,044.00
Neppert, Miss F. E.....	Third	July 3, 1873	Grammar		963.00
Davidson, Mrs. T.....	Second	July 25, 1904	Grammar		1,044.00
McDevitt, Miss J.....	Second	Oct. 26, 1880	Primary		1,044.00
Hausser, Miss M. F.....	First	July 20, 1903	Grammar		1,002.00
Miller, Miss S. E.....	First	Dec. 23, 1885	Grammar		1,128.00
Forsyth, Miss L. M.....	First	Nov. 5, 1866	High		1,128.00
		Jan. 6, 1902	Grammar		1,188.00
Hamilton Grammar—					
Kellogg, Mr. A. E.....	Principal				2,160.00
Menley, Miss I. M.....	Sixth	Sept. 1, 1886	High		1,092.00
Hanselt, Miss E. E.....	Seventh	Aug. 12, 1903	Grammar		1,128.00
Brown, Isabelle R.....	Eighth	July 18, 1902	Grammar		1,128.00
Page, Catherine H.....	Eighth	Aug. 5, 1885	Grammar		1,128.00
Morton, Miss E. J.....	Eighth, Vice Prin.	Sept. 1, 1886	Grammar		1,500.00
Strauss, Miss I. R.....	Eighth	July 23, 1875	Grammar		1,128.00
French, Miss I. B.....	Seventh	July 6, 1873	Grammar		1,128.00
Shaw, Mrs. L. A.....	Seventh	Jan. 31, 1889	Grammar		1,128.00
McDonnell, Miss L. A.....	Seventh	Aug. 14, 1895	Grammar		1,128.00
Redmond, Mary T.....	Sixth	Aug. 1, 1884	High		1,128.00
Brittan, Miss A. C.....	Sixth	Dec. 7, 1905	Grammar		1,092.00
McLeran, Miss Mary.....	Sixth	Sept. 30, 1901	Grammar		1,128.00
Martin, Miss I. C.....	Sixth	Sept. 16, 1901	Grammar		1,092.00
Boniface, Sarah M.....	Fifth	July 25, 1901	High		948.00
Silverberg, Miss A.....	Ungraded	Sept. 14, 1898	High		1,092.00
		Oct. 2, 1903	High		1,128.00

LIST OF SCHOOLS AND TEACHERS—Continued.

Name.	Grade of Class.	When Elected.	Grade of Certificate	Salary per Year.
Hancock Grammar—				
Carrol, Irene G. (now Schwartz)	Third	Feb. 17, 1905	Grammar	960.00
Lynch, Miss F. C.	Second	Sept. 22, 1905	Grammar	882.00
O'Neil, Miss Agnes	Second	Oct. 14, 1905	Grammar	1,002.00
Gallagher, Miss N. G.	Principal	May 14, 1896	Grammar	2,160.00
Stuart, Mrs. M.	Eighth	April 10, 1885	Grammar	1,500.00
Martini, Mary G.	Seventh	Nov. 24, 1889	Grammar	1,188.00
Peckham, Miss L. A.	Sixth	Sept. 30, 1901	Grammar	1,092.00
Scanlan, Miss Renee	Sixth	Aug. 14, 1905	Grammar	903.00
Burke, Miss M. C.	Fifth	Jan. 4, 1905	Grammar	1,092.00
Pfeiffer, Miss L. M.	Fifth	Mar. 30, 1905	High	948.00
Vensano, Miss N. C.	Third	Aug. 14, 1905	High	882.00
Furbush, Miss M. W.	Fourth	April 5, 1907	Grammar	843.00
Harrison Primary—				
Derham, Miss T. E.	Principal	Jan. 3, 1888	Grammar	1,260.00
McCrosson, Miss A. F.	First	Mar. 28, 1907	Grammar	828.00
Sullivan, Miss G. A.	First	June 25, 1904	High	1,128.00
Hawthorne Primary—				
Mann, Mrs. S. J.	Principal	Sept. 1, 1874	High	1,560.00
Lobenstein, Miss E.	Fifth	Jan. 28, 1905	Grammar	1,092.00
Barrington, Miss F. E.	Fifth	July 27, 1898	Grammar	1,092.00
Walsh, Miss N. G.	Fourth	Aug. 1, 1888	Grammar	1,044.00
McLean, Miss M. A.	Fourth	Feb. 5, 1892	Grammar	1,044.00
Barrett, Alice L.	Third	Aug. 14, 1905	Grammar	882.00
Plagemann, Miss D. E.	Third	Sept. 1, 1905	High	882.00
Simon, Miss L. F.	Second	Sept. 1, 1897	Grammar	1,044.00
Barrett, Miss N.	Second	Jan. 12, 1898	Grammar	1,128.00
Love, Miss M. L.	First	Sept. 8, 1897	Grammar	1,128.00
Keith, Miss E. D.	Third	Jan. 29, 1891	Grammar	1,092.00
Hearst Grammar—				
Sullivan, Miss N. F.	Principal	Aug. 13, 1876	Grammar	2,160.00
Franklin, Miss F. M.	V. P., Eighth	Dec. 28, 1880	Grammar	1,500.00
Haynes, Miss R. H.	Third	July 23, 1905	Grammar	882.00
Stoltz, Rose B.	Eighth	Oct. 15, 1885	Grammar	1,188.00
Bray, Miss L. F.	Seventh	Jan. 5, 1885	Grammar	1,128.00
Levison, Miss E.	Seventh	Aug. 17, 1891	Grammar	1,128.00
Torpey, Miss M. C.	Sixth	Sept. 8, 1897	Grammar	1,092.00
Thompson, Miss A. W.	Sixth	Jan. 2, 1897	Grammar	1,092.00
Brierton, Miss M.	Sixth	Jan. 2, 1897	Grammar	1,092.00
Levey, Mrs. J. B.	Sixth	May 8, 1896	Grammar	1,092.00

BOARD OF EDUCATION

1273

Humphrey, Miss K. A.	Fifth	1, 1896	Grammar	1,092.00
Van Den Bergh, Miss F.	Fifth	9, 1880	Grammar	1,092.00
McKeon, Miss R.	Fifth	Jan. 12, 1898	Grammar	1,092.00
Fairweather, Miss E.	Fifth	May 15, 1896	Grammar	1,092.00
Hart, Miss M. R.	Fourth	Jan. 2, 1901	Grammar	963.00
Lahey, Miss M. T.	Fourth	Aug. 21, 1905	Grammar	1,002.00
Peake, Mrs. B. M.	Third	July 1, 1883	Grammar	1,044.00
Martin, Miss A.	Fourth	Sept. 1, 1878	Grammar	1,044.00
Levy, Miss A. M.	Second	Jan. 5, 1891	Grammar	1,128.00
Downing, Miss I. L.	First	Oct. 14, 1901	Grammar	1,128.00
Haas, Miss S.	Second	May 14, 1890	Grammar	1,044.00
Bigley, Jane A.	First	Nov. 6, 1877	Primary	1,128.00
Crowley, Miss E. A.	First	Oct. 29, 1877	Grammar	1,128.00
Grace, Miss H. M.	Ungraded	Dec. 29, 1896	High	1,128.00
Cote, Miss L. C.	First	Aug. 1, 1882	Grammar	1,128.00
Hynes, Miss F. S.	First	May 1, 1896	Grammar	1,128.00
Henry Durant Primary—				
Washburn, Mrs. G.	Principal	Oct. 16, 1864	Grammar	1,560.00
Camblein, Mrs. M. F.	Fifth	Jan. 3, 1877	Grammar	1,092.00
Thompson, Miss R. A.	Fourth	Jan. 8, 1877	Grammar	1,092.00
Greenhood, Miss F.	Third	April 29, 1886	Grammar	1,044.00
Adams, Miss L. F.	Fourth	Nov. 1, 1877	Grammar	1,044.00
Ambrose, Miss J. R.	Third	July 15, 1895	Grammar	1,044.00
Gillen, Miss E. J.	Third	Jan. 12, 1898	Grammar	1,044.00
Loud, Mrs. E. S.	Second	Nov. 2, 1879	Grammar	1,044.00
Haas, Miss C.	Second	July 29, 1891	Grammar	1,128.00
Hill, Mrs. M. E.	First	April 15, 1885	Grammar	1,128.00
Henev, Miss F. S.	First	Jan. 2, 1877	Grammar	1,128.00
Boukotsky, Miss R.	First	Sept. 1, 1886	Grammar	1,128.00
Thompson, Miss S. R.	First	Nov. 5, 1875	Grammar	1,128.00
Holly Park Primary—				
Sullivan, Miss N. M.	Principal	Dec. 15, 1877	Grammar	1,560.00
Wool, Miss H. L.	Second	Aug. 15, 1867	Grammar	1,044.00
Wilson, Miss May	Second	Feb. 12, 1904	Grammar	1,044.00
Foley, Eliz. M.	Second	Nov. 2, 1896	Grammar	1,044.00
Cohen, Miss G. J.	First	Jan. 1, 1893	Grammar	1,128.00
Laven, Mrs. S. F.	First	April 1, 1879	Grammar	1,128.00
DeWitt, Miss Zora	Second	Jan. 6, 1908	Grammar	1,044.00
Nagle, Miss M. M.	Second	Jan. 17, 1905	High	882.00
O'Reilly, Miss J. F.	First	June 9, 1897	Grammar	1,128.00
Dworzsek, Miss P. A.	First	Jan. 2, 1897	Grammar	1,128.00
Adams, Clara A.	First	Jan. 2, 1871	Grammar	1,128.00
Horace Mann Grammar—				
Faulkner, Mr. R. D.	Principal	Oct. 22, 1888	High	2,160.00
O'Loughlen, Miss N.	V. P., Eighth	June 12, 1869	Gram. & High	1,500.00

LIST OF SCHOOLS AND TEACHERS—Continued.

Name.	Grade of Class.	When Elected.	Grade of Certificate	Salary per Year.
Horace Mann Grammar—Continued.				
Elliott, Mary.....	Seventh	Mar. 18, 1879	Grammar	1,128.00
Hatch, Mrs. L. R.....	Seventh	Jan. 2, 1881	Grammar	1,128.00
Carson, Miss E.....	Seventh	Jan. 29, 1884	Grammar	1,128.00
McNicol, Miss B.....	Seventh	Aug. 6, 1872	Grammar	1,128.00
Thompson, Mrs. M. A.....	Seventh	July 5, 1882	Grammar	1,128.00
Clary, Agnes E.....	Sixth	Mar. 11, 1906	Grammar	1,092.00
Diggs, Miss A. B.....	Sixth	July 21, 1903	Grammar	1,092.00
Neppert, Miss J. M.....	Sixth	Jan. 2, 1895	Grammar	1,152.00
Dowd, Mary E.....	Sixth	July 29, 1888	Grammar	1,092.00
Moore, Margaret M.....	Sixth	April 5, 1883	Grammar	1,092.00
O'Brien, Miss Kate.....	Sixth	Sept. 14, 1878	Grammar	1,092.00
Stockton, Miss F.....	Sixth	July 18, 1902	Grammar	1,092.00
Williams, Mrs. M. C.....	Sixth	Nov. 19, 1871	Grammar	1,092.00
Toland, Miss M.....	Seventh	Feb. 19, 1906	Grammar	1,128.00
Iredale, Mrs. E. B.....	Eighth	Dec. 1, 1876	Grammar	1,128.00
Moyrihan, Eliza J.....	Eighth	Mar. 19, 1884	Grammar	1,128.00
Traynor, Miss M. E.....	Eighth	Jan 3, 1876	Grammar	1,128.00
Casey, Miss M. E.....	Eighth	April 6, 1875	Grammar	1,128.00
Hunters Point School—				
Itsell, Mr. A. J.....	Principal	July 10, 1871	High	1,440.00
Irving Primary—				
Barlow, Miss C. B.....	Principal	Aug. 1, 1868	Grammar	1,440.00
Miller, Miss J. G.....	Sixth	Mar. 13, 1895	Grammar	1,092.00
Erp, Miss N. V.....	Third	July 28, 1898	High	1,044.00
McVerry, Miss M.....	First	Sept. 2, 1884	Grammar	1,128.00
Fleming, Miss H.....	Second	Feb. 1, 1907	Grammar	1,044.00
Laurent, Miss S. E.....	First		Grammar	828.00
Irving M. Scott Grammar—				
Hamilton, Jas. T.....	Principal	July 8, 1876	High	2,160.00
Croughwell, Miss A. T.....	V. P., Eighth	Jan. 28, 1891	Grammar	1,500.00
Downey, Miss M. L.....	Seventh	Sept. 1, 1886	Grammar	1,128.00
Gaffney, May T.....	Sixth	Oct. 14, 1901	Grammar	1,002.00
McKinnon, Minnie.....	Sixth	Jan. 4, 1904	Grammar	1,002.00
Mooney, Miss M. F.....	Fifth	Jan. 26, 1898	Grammar	1,092.00
Williamson, Mrs. E. G.....	Fifth	Aug. 12, 1896	Grammar	1,092.00
Wright, Mary A.....	Fourth	Feb. 23, 1898	Grammar	1,044.00
Marsh, Alice J.....	Fourth	Aug. 26, 1903	Grammar	963.00
Bryan, Miss E. M.....	Fourth	Feb. 5, 1906	Grammar	963.00
White, Miss J.....	Third	Aug. 25, 1904	Grammar	963.00

Gaffney, Miss A. M. Third 924.00
 Davis, Miss K. M. Third 1,044.00
 Kincaid, Miss May Second 924.00
 Richards, Miss L. S. First 1,128.00
 Richards, Miss M. M. First 1,188.00
 Edwards, Frances M. First 1,128.00
 Herrick, Miss C. R. First 1,128.00
 Stack, Miss O. M. First 1,128.00
 Finigan, Miss M. G. Fourth 828.00
 Jacobs, Mrs. M. E. Second 1,044.00

Oct. 6, 1904
 Aug. 21, 1907
 Mar. 30, 1905
 Mar. 13, 1895
 Nov. 30, 1892
 Nov. 30, 1892
 Sept. 11, 1895
 Sept. 12, 1887
 Aug. 20, 1907
 Oct. 17, 1907

Grammar
 Grammar
 Grammar
 Grammar
 Primary
 Grammar
 Grammar
 Grammar
 Grammar
 Grammar

Chalmers, Miss A. Principal 1,440.00
 Hinds, Miss A. First 1,128.00
 Ragan, Miss M. L. Fifth 1,092.00
 Conroy, Miss M. A. First 1,128.00
 Miel, Mrs. S. M. Fourth 1,044.00
 McFeely, Miss R. V. Third 1,044.00

Jan. 2, 1902
 Aug. 23, 1880
 Mar. 10, 1897
 July 1898
 Mar. 1, 1900
 Mar. 10, 1897

Grammar
 Grammar
 High
 Grammar
 Primary
 Grammar

Lyser, Albert Principal 2,160.00
 Lewis, Frances R. Eighth 1,500.00
 Boyle, Mary Eighth 1,128.00
 Torpey, Miss M. M. Seventh 1,128.00
 Kedon, Mrs. A. E. Seventh 1,128.00
 Levy, Miss M. A. Seventh 1,128.00
 Henderson, Mary J. Sixth 1,092.00
 Kinney, Miss L. M. Sixth 1,092.00
 Kilpatrick, Grace S. Sixth 1,062.00
 Johnson, Miss E. M. Fifth 1,092.00
 Kennedy, Josephine First 1,128.00
 Manning, Catherine B. Fourth 1,047.00

June 10, 1868
 June 10, 1879
 July 23, 1875
 Jan. 19, 1892
 Dec. 9, 1896
 Aug. 29, 1894
 Jan. 29, 1872
 Sept. 1, 1886
 June 21, 1904
 Mar. 30, 1905
 Mar. 1, 1895
 Jan. 19, 1905

High
 Grammar
 High
 Grammar
 Grammar
 Grammar
 Grammar
 Grammar
 Grammar
 Grammar
 Grammar
 Grammar

Campbell, Miss A. T. Principal 2,160.00
 Wade, Miss J. V. P., Eighth 1,500.00
 Haswell, Miss M. C. Seventh 1,128.00
 McKorell, Miss L. Sixth 1,128.00
 Tabrett, Miss A. Sixth 1,002.00
 Anderson, Miss J. Fourth 1,044.00
 d'Eriach, Miss M. E. Third 963.00
 Brooks, Lina M. Second 1,044.00
 Hopkins, Miss J. M. First 1,128.00
 Heath, Miss R. E. L. First 1,128.00
 Beardsey, Miss E. F. Ungraded 1,128.00
 McCarty, Miss A. Fourth 1,044.00
 McEwen, Miss F. G. Second 1,044.00

July 10, 1866
 Jan. 2, 1878
 April 10, 1874
 Aug. 23, 1880
 July 18, 1902
 July 23, 1892
 Aug. 26, 1903
 Oct. 28, 1891
 Oct. 1, 1903
 Aug. 29, 1885
 Mar. 3, 1879
 Oct. 14, 1907
 Oct. 12, 1895

High
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Jackson Primary—

James Lick Grammar—

Jean Parker Grammar—

LIST OF SCHOOLS AND TEACHERS—Continued.

Name.	Grade of Class.	When Elected.	Grade of Certificate.	Salary per Year.
Jefferson Primary—				
Cohen, Miss J.....	Principal	July 31, 1889	Grammar	1,440.00
Horgan, Miss K.....	First	Oct. 26, 1905	Grammar	882.00
Duffy, Elizabeth A.....	Third	July 23, 1902	Grammar	924.00
Moore, Miss K. T.....	First	June 15, 1903	Grammar	1,128.00
John Swett Grammar—				
Fitzgerald, Mrs. M. M.....	Principal	Mar. 4, 1879	High	2,160.00
Bigelow, Mrs. C. J.....	V. P., Eighth	July 1, 1865	Grammar	1,500.00
Mitchell, Mrs. G. D.....	Seventh	Feb. 11, 1879	Grammar	1,128.00
Boukofsky, Miss R. M.....	Seventh	Aug. 1, 1884	Grammar	1,128.00
Brooks, Miss E. B.....	Sixth	Dec. 27, 1886	Grammar	1,092.00
Carroll, Genevieve.....	Sixth	June 9, 1897	Grammar	1,092.00
Rean, Miss L.....	Fifth	July 10, 1886	Grammar	1,092.00
Barry, Miss M. C.....	Fourth	Feb. 29, 1872	Primary	1,044.00
Erkson, Mrs. J. H.....	Third	Sept. 1, 1897	Grammar	1,044.00
Doud, Mrs. F. M.....	Second	Dec. 1, 1887	Grammar	1,044.00
Alderson, Mrs. A. E.....	First	Mar. 3, 1888	Grammar	1,128.00
Lafayette Primary—				
Casey, Miss K. F.....	Principal	Jan. 24, 1876	Grammar	1,800.00
L'Hommedieu, Miss M. G.....	First	Aug. 26, 1891	Grammar	1,128.00
Carroll, Lyda A.....	First	Dec. 27, 1896	High	1,128.00
McHugh, Miss M.....	First	Nov. 1, 1881	Grammar	1,128.00
Bloch, Miss B. B.....	First	July 5, 1873	Grammar	1,128.00
Morgan, Lulu V.....	First	May 15, 1896	Grammar	1,128.00
Stewart, Miss J. M.....	Fifth	Oct. 27, 1880	Grammar	1,092.00
Kennedy, Miss E.....	Fourth	Jan. 9, 1906	Grammar	882.00
Mordecai, Miss C.....	Second	Jan. 25, 1905	Grammar	1,002.00
Laguna Honda School—				
O'Neal, Mrs. M. L.....	Principal	Jan. 20, 1874	Grammar	1,560.00
Carson, Mrs. N. E.....	Seventh	July 14, 1898	High	1,128.00
Croughwell, Miss M. V.....	Third	Aug. 1, 1904	Grammar	924.00
Lynch, Miss E.....	Sixth	Feb. 25, 1905	Grammar	1,092.00
Sechrist, Mrs. A. M.....	Eighth	Dec. 5, 1886	Grammar	1,128.00
Holmes, Miss E. T.....	Fifth	July 27, 1898	Grammar	1,002.00
Coonan, Miss M.....	Fifth	July 6, 1905	Grammar	996.00
Staeck, Miss K.....	Fourth	Jan. 28, 1905	High	924.00
Hofinghoff, Miss H. L.....	Second	Feb. 1, 1905	Grammar	924.00
McDonald, Miss A. M.....	First	Sept. 30, 1901	Grammar	1,128.00
Lewis, Miss J.....	First	Jan. 1877	Grammar	1,128.00

Lake View School—

Moran, Miss M. R.....	Principal	9, 1890	Grammar	1,440.00
Marks, Mary E.....	Second	Oct. 2, 1907	Grammar	828.00
Sullivan, Miss H. M.....	First	Aug. 2, 1905	Grammar	1,128.00
Estes, Miss C.....	Fourth	Oct. 14, 1907	Grammar	828.00
O'Flaherty, Miss M. E.....	Third	Oct. 28, 1907	Grammar	1,044.00

Lincoln Grammar—

Stone, Mr. W. W.....	Principal	Feb. 11, 1873	High	2,160.00
Backman, Mrs. F. L.....	Seventh and Eighth	Sept. 3, 1883	Grammar	1,188.00
Rea, Miss J. M.....	Third	Sept. 1, 1904	High	948.00
Brown, Percy A.....	Fifth	Aug. 21, 1907	High	1,092.00
Redmond, Miss J.....	Fourth	Jan. 21, 1907	Grammar	1,044.00
Perry, Laura C.....	Fourth	June 26, 1905	High	882.00
Macdonald, Mrs. B. L.....	Fifth	Jan. 29, 1884	Grammar	1,128.00
Lynch, Miss A. E.....	First	Jan. 1, 1876	Grammar	1,128.00

Madison Primary—

Bartlett, Miss E. F.....	Principal	Aug. 5, 1885	Grammar	1,440.00
Lipman, Miss N. E.....	Sixth	Sept. 7, 1897	Grammar	1,092.00
Howard, Miss F. G.....	Fifth	Dec. 30, 1892	Grammar	1,092.00
Emmons, Miss I. C.....	Fourth	July 30, 1876	Grammar	1,044.00
Rowland, Mrs. A. E.....	Third	July 27, 1898	Grammar	1,002.00
Anne, Miss Turid.....	Second	Aug. 14, 1905	Grammar	882.00
Breese, Miss A. A.....	First	Oct. 29, 1897	Grammar	1,128.00
Bannon, Margaret F.....	First	Jan. 3, 1873	Grammar	1,128.00

Marshall Primary

Walker, Mrs. M. J.....	Principal	Aug. 13, 1869	High	1,800.00
Poppe, Miss M. H.....	Third	April 30, 1886	Grammar	1,104.00
Harrigan, Miss J.....	Fourth	July 1, 1884	Grammar	1,044.00
Lundt, Miss J. C.....	Fourth	Oct. 19, 1875	Grammar	1,044.00
Parker, Miss K. E.....	Third	Jan. 3, 1904	Grammar	963.00
Belding, Mrs. M. J.....	Second	Nov. 21, 1876	Primary	1,044.00
Herndon, Miss A. C.....	First	Dec. 18, 1878	Grammar	1,128.00
Elliott, Miss P. F.....	First	Nov. 18, 1885	Grammar	1,128.00
O'Connor, Miss C. J.....	First	Sept. 12, 1904	Grammar	1,128.00
Gray, Mrs. H. W.....	First	July 28, 1892	Primary	1,044.00
O'Hara, Miss N. G.....	Second	Mar. 30, 1905	Grammar	1,044.00

McKinley School—

Cashman, Miss R. S.....	Sixth	July 18, 1902	Grammar	1,128.00
Dearin, Miss A. E.....	Sixth	Aug. 22, 1907	Grammar	828.00
Gallagher, Miss C.....	Principal	Aug. 6, 1878	Grammar	1,560.00
Kreschler, Miss S.....	Fourth	Jan. 3, 1906	Grammar	828.00
O'Connell, Mary F.....	Seventh	Jan. 29, 1906	Grammar	903.00
Moynihan, Nora.....	Fifth	July 7, 1877	Grammar	1,092.00
Davidson, Miss E. R.....	Fourth	Feb. 1, 1904	Grammar	1,044.00

LIST OF SCHOOLS, AND TEACHERS—Continued.

Name.	Grade of Class.	When Elected.	Grade of Certificate	Salary per Year.
McKinley School—Continued.				
Curry, Mary E.	Third	April 2, 1888	Grammar	1,044.00
McKinney, Mary G.	Third	Nov. 7, 1888	Grammar	1,044.00
Kean, Miss K. E.	First	Jan. 1, 1885	Grammar	1,128.00
Stables, Mrs. Julia	First	July 7, 1881	Grammar	1,128.00
Casey, Mary	First	June 6, 1888	Grammar	1,128.00
Mission Grammar—				
Crowley, Miss K. H.	Principal	Aug. 1, 1880	Grammar	2,160.00
Hillman, Miss J. C.	Eighth	Feb. 13, 1879	Grammar	1,500.00
Doyle, Miss M. E.	Eighth	Oct. 30, 1889	Grammar	1,128.00
Fitzsimmons, Miss R. A.	Seventh	Aug. 15, 1888	Grammar	1,128.00
Sykes, Mrs. M. A.	Fifth	Aug. 11, 1897	Grammar	1,128.00
Noon, Miss M. A.	Seventh	Sept. 30, 1901	Grammar	1,128.00
Noon, Miss M. G.	Seventh	May 15, 1883	Grammar	1,128.00
Horn, Miss L. J.	Sixth	July 14, 1872	Grammar	1,092.00
O'Brien, Miss M. A.	Sixth	Aug. 11, 1897	Grammar	1,092.00
Hemmenway, Miss I. H.	Sixth	July 27, 1898	Grammar	1,092.00
Harvey, Miss E. F.	Fifth	Oct. 30, 1890	Grammar	1,092.00
Monroe Grammar—				
Hagarty, Miss A. M.	Principal	Feb. 20, 1883	Grammar	2,160.00
Gorham, Miss A. M.	Fourth	Aug. 22, 1907	Grammar	828.00
Harrower, Miss A. W.	V. P., Eighth	Sept. 30, 1901	Grammar	1,500.00
McLay, Miss M. R.	Seventh	Oct. 28, 1891	Grammar	1,128.00
Curtin, Ella J.	Seventh	Sept. 14, 1905	Grammar	1,128.00
Beardsley, Miss L. J.	Sixth	Sept. 12, 1904	High	948.00
McIntyre, Miss J. L.	Fifth	Oct. 2, 1905	Grammar	1,092.00
Maher, Miss J. G.	Fifth	Sept. 2, 1884	Grammar	1,092.00
Macaulay, Miss H. I.	Fifth	Aug. 6, 1907	Grammar	828.00
Ward, Miss S. A.	Fifth	Oct. 30, 1894	Grammar	1,188.00
Turney, Katherine	Third	Dec. 14, 1890	Primary	1,044.00
Lytton, Mrs. I. M.	Second	July 28, 1898	Grammar	1,044.00
Ellis, Miss L.	Fourth	Jan. 8, 1889	Primary	1,044.00
d'Orr, M. F.	First	Sept. 30, 1901	Grammar	1,128.00
Fleming, Miss J.	First	Feb. 13, 1890	Grammar	1,128.00
Orr, Elizabeth A.	First	Jan. 5, 1881	Grammar	1,128.00
O'Brien, Miss A. T.	First	Nov. 30, 1881	Grammar	1,128.00
Rahilly, Ella T.	Second	Oct. 7, 1907	Grammar	828.00
Johnson, Miss A. J.	Third	Sept. 11, 1907	Grammar	828.00
Hussey, Miss N. E.	Third	Aug. 22, 1907	High	969.00
Moulder Primary—				
Brogan, Mrs. K. E.	Principal	Jan. 7, 1873	Grammar	1,560.00

BOARD OF EDUCATION

Duncan, Miss C. L.	Sixth	Aug. 4, 1882	Grammar	1,092.00
Ecles, Mrs. L. B.	Fifth	Sept. 3, 1883	Grammar	1,092.00
White, Mrs. E. B.	Fourth	June 3, 1905	Grammar	1,044.00
Boukofsky, Miss S.	Fourth	Feb. 11, 1891	Grammar	1,044.00
Franks, Miss A. E.	Third	Aug. 16, 1888	Primary	1,044.00
Fogarty, Miss N. T.	Third	Dec. 19, 1896	Grammar	1,044.00
Tompkins, Mrs. C.	Second	April 16, 1872	Grammar	1,044.00
Tobin, Mrs. I.	First	Jan. 18, 1888	Grammar	1,128.00
Bristol, Miss M. K.	First	Aug. 10, 1882	Grammar	1,128.00
Noe Valley Primary—				
Lyons, Mrs. E. H.	Principal	July 1, 1882	Grammar	1,800.00
Hall, Mrs. M. V.	First	Aug. 17, 1887	Grammar	1,128.00
Egan, Mrs. K. F.	Second	Mar. 11, 1897	Grammar	1,128.00
Brown, Miss M. L.	First	July 30, 1886	Grammar	1,128.00
Gercke, Mrs. L.	Third	April 1, 1903	Grammar	1,128.00
Harrison, Miss E. D.	Second	Aug. 12, 1903	Grammar	984.00
MacDonald, Miss L. M.	Second		Grammar	828.00
Merell, Miss G. S.	Second	Aug. 23, 1907	Grammar	828.00
Hansell, Mrs. M. E.	Second	Aug. 9, 1897	Grammar	1,044.00
Martin, Elizabeth R.	Third	May 1, 1905	Grammar	924.00
Nolan, Miss M. L.	Third	June 21, 1904	Grammar	963.00
Gray, Mrs. J. E.	Third	Dec. 15, 1890	Grammar	1,044.00
Gray, Miss F. H.	Third	Sept. 2, 1907	Grammar	882.00
Schmedel, Miss M. A.	Fourth	Sept. 30, 1901	Grammar	963.00
Gaffney, Miss S. A.	Fourth	July 21, 1903	Grammar	924.00
Judson, Miss A. A.	Fifth	Jan. 16, 1903	Grammar	1,092.00
Armstrong, Annie E.	Fifth	Aug. 19, 1897	Grammar	1,092.00
Oceanside Primary—				
Heath, Miss V. D.	Principal	Jan. 4, 1894	Grammar	1,440.00
Allen, Miss S. H.	Fifth	Oct. 24, 1901	Grammar	1,092.00
Hawkins, Miss E. C.	First	July 25, 1902	Grammar	1,062.00
Vincent, Miss S. C.	Third	Feb. 25, 1904	Grammar	963.00
Raas, Mrs. A.	Fourth	April 8, 1907	High	828.00
Kerigan, Mrs. A. R.	Eighth	Jan. 26, 1905	Grammar	948.00
Ocean House School—				
DeKay, Mr. D. J.	Principal	July 8, 1882	High	1,260.00
Oriental Public—				
Newhall, Mrs. C. C.	Principal	Feb. 13, 1870	Grammar	1,560.00
Greer, Jane E.	Third	June 10, 1868	High	1,044.00
Griffith, Miss A. C.	First	July 27, 1898	Grammar	1,092.00
Nixon, Miss V. E.	Seventh	June 30, 1902	Grammar	948.00
Branch, Miss C. A.	First	Feb. 27, 1905	Grammar	948.00
McInerney, Miss F. R.	First	Sept. 12, 1904	High	948.00
Austin, Miss E. D.	Fourth	Oct. 28, 1907	Grammar	828.00

LIST OF SCHOOLS AND TEACHERS—Continued.

Name.	Grade of Class.	When Elected.	Grade of Certificate	Salary per Year.
Pacific Heights Grammar—				
Stincken, Miss A. M.	Principal	June 20, 1868	Gram. & High	2,160.00
Stincken, Miss Ella E.	Fourth	April 16, 1907	Grammar	861.00
Bliven, Miss F. M.	Eighth	Sept. 3, 1880	Grammar	1,128.00
Earle, Miss C. B.	Eighth	Feb. 21, 1872	Grammar	1,128.00
Cook, Miss F. G.	Seventh	Dec. 4, 1904	Grammar	1,128.00
Griffith, Katherine.	Seventh	May 20, 1905	Grammar	948.00
Dreyfus, Miss R. E.	Seventh	Aug. 5, 1905	Grammar	1,128.00
Church, Emma F.	Sixth	Jan. 21, 1883	Grammar	1,092.00
Timmins, Miss A. C.	Sixth	April 18, 1888	Grammar	1,092.00
Boggs, Miss S.	Sixth	Feb. 18, 1903	Grammar	1,092.00
Spadoni, Miss F. C.	Fifth	Jan. 3, 1905	Grammar	948.00
Birch, Mrs. L. L.	Fifth	Sept. 3, 1886	Grammar	1,002.00
Wolner, Miss M.	Fourth	Jan. 4, 1902	High	963.00
Donohue, Miss M. F.	Third	June 21, 1904	Grammar	963.00
Wentworth, Miss G. M.	Second	Nov. 2, 1878	Grammar	1,044.00
Robertson, Miss A. C.	V. P., Eighth	July 16, 1867	High	1,500.00
Burnham, Miss C.	First	Aug. 1, 1885	Grammar	1,128.00
Dowling, Miss A. C.	First	Sept. 5, 1897	Grammar	1,128.00
Zweybruek, Miss E.	Ungraded	Feb. 20, 1885	Grammar	1,128.00
Morrison, Miss F. P.	Seventh	Aug. 20, 1888	Grammar	1,128.00
Peabody Primary—				
Dwyer, Miss A. M.	Principal	Mar. 17, 1879	High	1,440.00
Maguire, Mrs. M. E.	Fourth	Mar. 1, 1880	Grammar	1,044.00
Fitzgerald, Miss M. F.	Fourth	Nov. 13, 1889	Grammar	1,104.00
Watson, Mrs. M. G.	First	Jan. 12, 1898	Grammar	1,128.00
Reynolds, Mrs. I. M.	Third	April 1, 1903	Grammar	1,044.00
Duffy, Miss A. A.	Third	Aug. 18, 1884	Grammar	1,044.00
Cobb, Mrs. E. S.	Second	Nov. 18, 1901	Grammar	1,044.00
Sullivan, Miss N. C.	First	Mar. 22, 1907	Grammar	828.00
Ephraim, Miss A.	First	Dec. 2, 1882	Grammar	1,128.00
Ingram, Mrs. V. C.	First	Jan. 3, 1876	Grammar	1,128.00
Redding Primary—				
Deane, Miss M. A.	Principal	Aug. 2, 1872	Grammar	1,560.00
Sullivan, Miss T.	Fifth	Sept. 15, 1898	Grammar	1,002.00
Gear, Miss M. E.	Fifth	Aug. 12, 1903	Grammar	903.00
Webster, Miss S. A.	Third	Feb. 14, 1881	Grammar	1,044.00
Cherry, Miss A. C.	Second	July 10, 1869	Primary	1,044.00
Martin, Miss F.	First	Aug. 26, 1881	Grammar	1,128.00
Donahue, Mrs. L. E.	First	Dec. 23, 1885	Grammar	1,128.00

Richmond Grammar—					
Keating, Miss M. E.	Principal	July 12, 1880	Grammar	2,160.00	
Sleator, Miss E. A.	V. P., Eighth	July 31, 1889	Grammar	1,500.00	
Lalande, Miss A. H.	Seventh	July 5, 1878	Grammar	1,128.00	
Cotrel, Miss E.	Sixth	Sept. 5, 1891	High	1,128.00	
Browning, Miss E. F.	Sixth	Oct. 24, 1901	Grammar	1,002.00	
Ryan, Miss B.	Seventh	Sept. 16, 1886	Grammar	1,128.00	
Hitchens, Florence J.	Sixth	Jan. 31, 1889	Grammar	1,092.00	
Theobald, Miss A.	Fifth	Dec. 28, 1891	Grammar	1,092.00	
McDonnell, Miss M. T.	Sixth	Mar. 11, 1892	Grammar	1,092.00	
Hinds, Miss J. B.	Fifth	Dec. 9, 1896	Grammar	1,092.00	
Gray, Miss M. E. A.	Fourth	Sept. 20, 1901	High	963.00	
McDonald, Miss J.	Fourth	Jan. 21, 1898	Grammar	1,044.00	
Grover, Mrs. E. J.	Seventh	Aug. 22, 1907	Grammar	828.00	
Harrigan, Miss M. A.	Second	Aug. 2, 1871	Grammar	1,044.00	
Goldman, Miss J. E.	Second	Sept. 16, 1879	Grammar	1,044.00	
Meighan, Miss K. E.	First	Nov. 7, 1884	Grammar	1,188.00	
Stark, Miss L. M.	First	Sept. 7, 1887	Grammar	1,128.00	
Hurley, Miss A. F.	Third	April 27, 1888	Primary	1,044.00	
Horton, Miss M.	First	Feb. 14, 1881	Grammar	1,155.00	
Starr, Miss D. E.	Ungraded	Sept. 10, 1904	Grammar	1,128.00	
Hawthorne, Miss M. E.	Third	Jan. 6, 1908	Grammar	828.00	
Sheridan—					
Riordan, Miss C. F.	Principal	Dec. 10, 1890	Grammar	1,560.00	
Downey, Miss J.	Eighth	Aug. 26, 1891	Grammar	1,128.00	
Murphy, Miss H.	Seventh	Oct. 26, 1905	Grammar	1,002.00	
Fvrett, Miss E. B.	Sixth	Jan. 13, 1892	Grammar	1,092.00	
Hussey, Miss E. G.	Fifth	Feb. 11, 1907	High	903.00	
Tierney, Miss E. A.	Fifth	Oct. 13, 1904	Grammar	948.00	
Mikhan, Miss M.	Fourth	Sept. 14, 1905	Grammar	882.00	
Ehat, Mrs. M. J.	Third	July 7, 1905	Grammar	882.00	
Brignardello, Miss H.	Third	Sept. 8, 1897	Grammar	1,044.00	
O'Connor, Miss A. J.	Second	Sept. 3, 1905	Grammar	924.00	
Busteed, Miss M. W.	First	April 29, 1896	Grammar	1,128.00	
Hawley, Miss M. E.	First	Jan. 6, 1879	Grammar	1,128.00	
Sherman Primary—					
Hurley, Miss J. M. A.	Principal	Jan. 2, 1863	High	1,560.00	
Featherly, Miss H.	Fourth	July 16, 1867	Gram. & High	1,044.00	
Johnson, Miss M. C.	Fourth	June 21, 1904	Grammar	1,092.00	
Nesfeld, Miss E. M.	Fourth	Jan. 3, 1902	Grammar	983.00	
Crookham, Miss E. E.	Third	Aug. 10, 1898	Grammar	1,044.00	
O'Brien, Miss M.	Third	Sept. 20, 1879	Primary	1,044.00	
McJerie, Miss J. T.	Second	May 17, 1896	Grammar	1,044.00	
Jacobs, Miss E.	Fourth	Aug. 20, 1907	High	828.00	
Unger, Miss R.	First	Aug. 20, 1885	Grammar	1,128.00	

LIST OF SCHOOLS AND TEACHERS—Continued.

Name.	Grade of Class.	When Elected.	Grade of Certificate	Salary per Year.
Sherman Primary—Continued.				
Sullivan, Miss Nellie.....	Second	Aug. 15, 1890	Grammar	1,044.00
Roberts, Miss Maria.....	First	Dec. 23, 1884	Grammar	1,128.00
Lyons, Miss E. H.....	First	Sept. 30, 1885	Grammar	1,128.00
Hitchens, Elizabeth.....	First	Nov. 25, 1885	Grammar	1,128.00
Gull, Mrs. M. S.....	First	July 5, 1877	Grammar	1,128.00
South End—				
Mills, Mrs. I. E.....	Principal	Nov. 20, 1877	Grammar	1,560.00
Leahuan, Miss E. M.....	Eighth	Jan. 11, 1904	Grammar	1,002.00
Gillespie, Miss J. H.....	Sixth	Aug. 1, 1888	Grammar	1,092.00
McDermott, Miss L.....	Fifth	Oct. 1, 1904	High	1,092.00
Wiley, Miss A.....	Fifth	Aug. 22, 1907	Grammar	1,002.00
Tessmer, Miss E. H.....	Fourth	July 20, 1903	Grammar	924.00
Laverne, Miss C. J.....	Fourth	Oct. 28, 1907	Grammar	828.00
Porter, Miss H. F.....	Third	Jan. 28, 1907	Grammar	828.00
Wiley, Miss B.....	Third	Aug. 22, 1907	Grammar	882.00
Prince, Miss R.....	Second	Jan 18, 1903	Grammar	963.00
Grace, Miss J. G.....	Second	Aug. 19, 1907	Grammar	828.00
Browne, Miss E.....	First	Aug. 15, 1888	Grammar	1,128.00
Johnson, Miss A. E.....	First	April 29, 1891	Grammar	1,128.00
Sullivan, Miss M.....	First	Sept. 25, 1905	Grammar	1,128.00
Spring Valley Grammar—				
DeBell, W. H.....	Principal	July 19, 1901	High	2,160.00
Cregg, Miss A. C.....	Eighth	Aug. 15, 1868	High	1,500.00
Holden, Mrs. A. F.....	Eighth	Sept. 16, 1879	Grammar	1,188.00
Murphy, Miss A. J.....	Seventh	Mar. 2, 1903	Grammar	1,128.00
Shea, Miss A. B.....	Seventh	Jan. 29, 1884	Grammar	1,128.00
Hoggs, Mrs. M. A.....	Sixth	Jan. 10, 1877	Grammar	1,092.00
Davis, Mrs. F. V.....	Sixth	Feb. 20, 1872	Primary	1,092.00
Grozeiter, Miss C. B. S.....	Fifth	Sept. 14, 1905	Grammar	903.00
Mandeville, Miss K.....	Seventh	Aug. 10, 1885	Grammar	1,128.00
Gallagher, Miss E. R.....	Fifth	Oct. 28, 1891	Grammar	1,092.00
Starr King Primary—				
Finnegan, Miss C. L.....	Sixth	Sept. 2, 1887	Grammar	1,092.00
Williams, Miss K. F.....	Fourth	Oct. 17, 1884	Grammar	1,092.00
Thomas, Mildred A.....	Third	July 29, 1903	Grammar	1,044.00
McGrath, Mrs. K. C.....	Principal	Jan. 12, 1878	Grammar	1,560.00
O'Sullivan, Elizabeth.....	First	April 18, 1897	Grammar	1,188.00
Foley, Kate J.....	First	July 20, 1903	Grammar	1,128.00
Jordi, Mrs. S. J.....	Second	June 14, 1885	Grammar	1,044.00

BOARD OF EDUCATION

Thompson, Mrs. M. B.	Third	6, 1904	Grammar	924.00
Louderback, Miss E. S.	First	Nov. 21, 1884	Grammar	1,128.00
Sunnyside Primary—				
Code, Mrs. E. S.	Principal		High	1,440.00
Leeds, Miss B. E.	Eighth	Jan. 22, 1857	Grammar	1,128.00
McGinnis, Miss G. A.	Fifth	Nov. 15, 1905	Grammar	903.00
King, Miss J. I.	First	Feb. 2, 1887	Grammar	1,128.00
Sunset School—				
Tiernan, Mrs. A. E.	Principal		High	1,560.00
Perlett, Mattie F.	Seventh	July 6, 1869	Grammar	1,128.00
Rowe, Miss M. M.	Second	Dec. 28, 1896	High	1,128.00
Sutro Grammar—				
Magner, Miss M.	Principal		Grammar	2,160.00
Durand, Miss M. R.	Eighth, V. P.	July 25, 1876	Grammar	1,500.00
Smullen, Miss A. M.	Seventh	Dec. 5, 1875	Grammar	1,500.00
Maher, Miss M.	Seventh	Feb. 18, 1903	Grammar	1,188.00
Savage, Miss D. A.	Sixth	July 28, 1902	High	1,128.00
Corbett, Miss A. M.	Sixth	June 21, 1904	Grammar	1,002.00
Karatar, Miss A. C.	Fifth	Oct. 12, 1905	Grammar	903.00
Read, Miss M. F.	Fifth	Oct. 14, 1883	Grammar	1,092.00
Curran, Miss M. M.	Fourth	July 18, 1902	Grammar	948.00
Cullen, Miss R.	Third	Mar. 14, 1906	Grammar	1,044.00
Faucoupre, Miss M. E.	Third	Jan. 4, 1902	High	963.00
O'Connell, Miss L.	Second	Nov. 18, 1886	Grammar	1,044.00
Maguire, Miss H. E.	Second	June 9, 1897	Grammar	1,044.00
O'Brien, Miss M. J.	First	Oct. 27, 1892	Grammar	1,128.00
Horton, Miss A. B.	First	Aug. 3, 1892	Grammar	1,128.00
Bigelow, Mrs. S. H.	First	May 13, 1896	Grammar	1,128.00
McNamara, Miss K. L.	Ungraded	Sept. 18, 1876	Grammar	1,128.00
Visitation Valley—				
Parolini, Mrs. M. J.	Principal		High	1,440.00
Nolan, Miss M. A.	Eighth	Mar. 1, 1866	Grammar	1,002.00
Dailey, Miss A.	Fifth	Oct. 21, 1901	Grammar	1,092.00
Hart, Miss A. P.	Third	Mar. 14, 1907	Grammar	828.00
Kenny, Miss M.	First	Aug. 19, 1907	Grammar	828.00
Healy, Miss C. L.	First	April 8, 1907	Grammar	828.00
Washington Grammar—				
McCarthy, Mr. T. H.	Principal		High	2,160.00
Shuck, Mr. L. M.	V. P., Eighth	July 10, 1889	High	1,500.00
Kervan, Miss I. M.	Fifth	Sept. 9, 1872	Grammar	1,092.00
Bowman, Mr. L.	Sixth	Oct. 1, 1879	Grammar	1,092.00
Slivey, Paul A.	Ungraded	Aug. 22, 1907	High	1,128.00
Weed, Miss A.	Second	Sept. 15, 1875	Grammar	1,044.00
Chase, Miss Ella	First	Jan. 3, 1874	Grammar	1,128.00

LIST OF SCHOOLS AND TEACHERS—Continued.

Name.	Grade of Class.	When Elected.	Grade of Certificate	Salary per Year.
Washington Grammar—Continued.				
Fischer, Miss J.	Eighth	May 1, 1878	Grammar	1,128.00
Scott, Miss J.	First	Sept. 5, 1881	Grammar	1,128.00
Kirkwood, Mr. W. H.	Fourth	Aug. 19, 1907	Grammar	1,044.00
West End Primary—				
McCarthy, Miss E. L.	Principal	Jan. 16, 1884	Grammar	1,440.00
Dwyer, Miss A. C.	Fourth	Mar. 22, 1905	High	924.00
Dwyer, Miss Nora	Third	Nov. 11, 1891	Primary	1,044.00
O'Connor, Miss A. M.	First	Jan. 12, 1898	Grammar	1,128.00
Winfield Scott Primary—				
Thomas, Miss M. E.	Principal	July 12, 1887	Grammar	1,440.00
Owens, Miss M. A.	Fifth	July 27, 1898	Grammar	1,092.00
Ryder, Miss P.	Eighth	June 23, 1904	Grammar	1,092.00
Gaines, Miss K.	Seventh	July 14, 1897	Grammar	1,128.00
Horgan, Miss E. E.	Fifth	Sept. 1, 1905	Grammar	903.00
Glavin, Miss M. K.	Third	Feb. 1, 1889	Primary	1,044.00
Wright, Miss A. B.	Fourth	Jan. 6, 1902	High	963.00
Thomas, Miss A. G.	First	July 27, 1898	Grammar	1,128.00
Demmick, Mrs. M. F.	First	Dec. 10, 1890	Grammar	1,128.00
Oral School For Deaf—				
Holden, Mrs. J. B.	Principal	Aug. 15, 1901	Special	1,212.00
Holden, Mr. A. N.	Fourth	Aug. 1, 1902	Special	1,032.00
Parental School—				
Alexander, Miss R.	Principal	Oct. 5, 1888	Grammar	1,440.00
McManus, Angeline.	Seventh	Sept. 17, 1897	High	1,128.00
Commercial High—				
Murphy, Chas. H.	Principal	Nov. 27, 1890	High	3,000.00
Sykes, Jas. B.	V. P., Com. Law	Dec. 16, 1896	High	2,160.00
Durkee, Miss E. T.	Bookkeeping	Dec. 30, 1891	Special	1,740.00
Arner, Miss E. D.	English	Aug. 15, 1898	High	1,740.00
McPherson, Mrs. S. W.	Arith. & Algebra	July 20, 1889	High	1,740.00
Salcido, Miss M. G.	Spanish	July 30, 1890	Special	1,740.00
Langdon, Miss S. A.	Typewriting	July 20, 1904	Special	1,740.00
Richards, Miss M. L.	Sten. & Typewriting	Aug. 15, 1889	Special	1,740.00
Epinae, Mr. P. A.	Penmanship	Sept. 13, 1887	Special	1,740.00
Furlong, Miss I. M.	History & Civics	Jan. 14, 1905	Special	1,740.00
Reeves, Mrs. I. D.	His., Govmt. & Eng.	Jan. 10, 1897	High	1,740.00
Conway, Miss M. B.	Stenography	Oct. 26, 1892	High	1,740.00
Garbano, Miss I.	Sten. & Typewriting	Nov. 13, 1889	Special	1,740.00

Hayes, Miss M. L.	Sten. & Typewriting	Sept. 1, 1904	1,740.00
Rademaker, Miss H. E.	Bookkeeping	May 15, 1887	1,740.00
Salman, Miss F. H.	Substitute	June 15, 1908	1,740.00
Bowman, Miss E.	Latin	June 17, 1903	1,740.00
Noonan, Miss E. L.	Bookkeeping	Sept. 30, 1901	1,440.00
Girls' High—			
Scott, Dr. A. W.	Principal	Jan. 5, 1883	3,000.00
Prag, Mrs. M.	Vice Principal	Jan. 23, 1864	2,160.00
Mitchell, Mr. G. O.	Science	Aug. 23, 1889	1,920.00
Dupuy, Mr. E. J.	French	May 15, 1899	1,800.00
Goldstein, Mr. F. M.	Drawing	Mar. 1, 1887	1,800.00
Roth, Miss N. E.	English	Jan. 10, 1902	1,740.00
Owens, Miss N. W.	English	Aug. 7, 1869	1,740.00
Levielo, Miss B.	French, History	Mar. 13, 1905	1,740.00
Daniel, Miss L.	Science	Dec. 17, 1890	1,740.00
Hobe, Miss S. A.	Mathematics	July 21, 1901	1,740.00
Hunt, Miss C. L.	Potany, Zoology	Jan. 10, 1859	1,740.00
Croyland, Miss A. B.	English	July 20, 1901	1,800.00
Stark, Miss C. M.	Latin, Greek	July 21, 1902	1,740.00
Zimmerman, Mr. Wm	German	Jan. 4, 1871	1,740.00
Stevenson, Miss F. R.	History, Algebra	Jan. 3, 1903	1,740.00
Centner, Martin A.	Latin	Aug. 19, 1907	1,800.00
Jewett, Miss F.	Mathematics	Aug. 23, 1870	1,800.00
Lowell High—			
Morton, Frank	Principal	Aug. 1, 1886	3,000.00
Gallagher, Dr. J. J.	Vice-Principal	July 27, 1898	2,160.00
Clark, F. H.	History	July 8, 1889	1,800.00
Crofts, Francis E.	Mathematics	Nov. 28, 1891	1,800.00
Crittenden, Mr. J. L.	Mathematics	Aug. 5, 1888	1,740.00
Schmit, Mr. J. J.	Languages	Dec. 26, 1894	1,740.00
Nourse, Mr. J. P.	Latin	Jan. 14, 1901	1,740.00
Longley, Mr. J. A.	History	July 20, 1901	1,740.00
Perham, Mr. F. E.	English	Sept. 4, 1901	1,740.00
Van Gorder, Mr. A. L.	Science	Sept. 1, 1904	1,920.00
Harvey, Mr. R. W.	Biology	Dec. 28, 1905	1,740.00
Turner, Mr. C. L.	Drawing	April 20, 1896	1,740.00
Rhodes, Mr. T. H.	Science	Nov. 15, 1906	1,740.00
Chronise, Miss C. B.	English	April 4, 1907	1,740.00
Cloud, Mr. A. J.	English	Jan. 15, 1905	1,800.00
Cox, Mary M.	Language	Aug. 20, 1885	1,800.00
Rowell, Elmer I.	Mathematics & Latin	July 31, 1902	1,740.00
Dickerson, Mr. R. E.	Science	Jan. 2, 1907	1,740.00
Weigle, Miss E. A.	History, German	Oct. 1, 1907	1,740.00
Kelley, Mr. T. R.	English, Latin	Sept. 12, 1899	1,740.00

LIST OF SCHOOLS AND TEACHERS—Continued.

Name.	Grade of Class.	When Elected.	Grade of Certificate	Salary per Year.
Mission High—				
Smith, Mr. W. O.	Acting Principal	Aug. 1, 1901	High	3,000.00
Donnelly, Miss M. E.	English	July 9, 1872	High	2,160.00
Goldsmith, Miss A.	History	Feb. 19, 1879	High	1,800.00
Ryan, Miss R.	Mathematics	July 15, 1898	High	1,800.00
Blanchard, Dr. M. E.	Classics	Jan. 5, 1890	High	1,800.00
Kelly, Miss A. G.	Mathematics	Oct. 10, 1895	High	1,740.00
Lacoste, Miss E. R.	History	July 20, 1901	High	1,740.00
Graham, Elizabeth M.	English	Oct. 8, 1879	High	1,740.00
Cerf, Miss A.	Latin, French	July 21, 1904	High	1,740.00
Wing, Miss M. G.	German	Mar. 8, 1906	High	1,740.00
Downey, Mr. A. D.	Science	Jan. 21, 1907	High	1,920.00
Carin, Mr. P. A.	Drawing	Aug. 31, 1898	High	1,800.00
Carey, Mr. E.	Science	Feb. 3, 1908	High	1,740.00
Michner, Miss M.	Drawing	Jan. 12, 1905	High	1,740.00
Harrison, Miss E. C.	French, German	Aug. 3, 1908	Special	
Polytechnic High—				
Bush, Mr. W. N.	Principal	July 20, 1886	High	3,000.00
Jordan, Mr. A. L.	V. P., Science	Jan. 26, 1899	High	2,160.00
Duffy, Miss A. G.	English & History	June 24, 1897	High	1,800.00
Van Vleck, Miss M.	Drawing	July 22, 1889	Special	1,800.00
Carniglia, Mr. E. S.	Iron-wk&Mech.Drg.	Mar. 25, 1905	High	1,800.00
Barthel, Mr. F. K.	Manual Training	Sept. 10, 1903	Special	1,800.00
Mohr, Mr. P. J.	Mathematics	Jan. 21, 1903	High	1,800.00
Hatch, Mr. I. O.	Language	Aug. 12, 1905	High	1,800.00
Brown, Mr. F. J.	English	Sept. 13, 1904	High	1,740.00
McCue, Miss E.	Algebra	Dec. 1, 1897	High	1,440.00
Castlehn, Miss E.	English, German	April 4, 1887	High	1,740.00
Murdoch, Miss R.	Drawing	Nov. 18, 1893	Special	1,200.00
Campbell, Miss N. L.	Sewing	Sept. 21, 1907	Special	1,200.00
Drew, Mr. Wm. J.	Drawing	Mar. 28, 1898	High	1,800.00
Walker, Mr. C. C.	Drawing	Sept. 30, 1907	Special	1,800.00
Cerf, Miss C.	French	Feb. 3, 1908	High	1,740.00
Kelly, Miss M. E.	English	July 20, 1904	High	1,740.00
Commercial Evening—				
Riley, Mr. Peter	Principal	July 17, 1901	High	1,200.00
Davidson, Mr. W. W.	Bookkeeping	July 5, 1884	Grammar	600.00
Dowling, Miss M. C.	Spanish, English	Dec. 20, 1899	High	600.00
Hitchcock, Miss H. M.	French	July 29, 1876	Grammar	600.00
Kozminsky, Miss D.	Stenography	Sept. 20, 1892	Special	600.00
O'Malley, Miss M. W.	Stenography	Aug. 18, 1897	Special	600.00

BOARD OF EDUCATION

287

Rock, Miss. A. J.	Jan. 12, 1898	Grammar	600.00
Trefts, Mr. W. F.	April 1, 1903	Special	600.00
Press, Miss L. E.	Mar. 8, 1894	Grammar	600.00
Kendrick, Miss N. K.	Dec. 29, 1896	Grammar	600.00
Delaney, Mrs. K. F.	Mar. 25, 1886	Grammar	600.00
Hamilton Evening—			
Foulkes, Geo. W.	June 1, 1893	High	1,200.00
Walsh, Miss M. U.	Aug. 11, 1897	Grammar	600.00
Lanahan, Mr. J. A.	Aug. 15, 1898	Grammar	600.00
Johas, Miss M. E.	Aug. 4, 1906	Grammar	600.00
Bertz, Miss B. M.	Sept. 16, 1886	Grammar	600.00
Hussey, Miss N. C.	Feb. 26, 1896	Grammar	600.00
Israel, Miss D. T.	Feb. 23, 1898	Grammar	600.00
Burnett, Miss S. C.	Oct. 26, 1904	Grammar	600.00
Stimmel, Mrs. A.	Sept. 1, 1897	Grammar	600.00
Enkle, Mrs. M. E.	Sept. 1, 1872	Grammar	600.00
McManus, Mr. F. A.	Sept. 1, 1891	Grammar	600.00
Daniels, John R.	Sept. 1, 1897	Special	600.00
Cohen, Miss R. B.	Jan. 2, 1903	Grammar	600.00
Gronin, Miss K. F.	Sept. 14, 1905	Grammar	600.00
Kiely, Miss E. C.	Jan. 29, 1906	High	600.00
Spadoni, Miss A.	Oct. 2, 1905	Grammar	600.00
Painton, Mr. H. R.	Oct. 23, 1903	Grammar	600.00
Melsted, Mr. L. D.	Oct. 23, 1903	Special	600.00
Horace Mann Evening—			
Kratzer, Mr. D. W.	Aug. 14, 1897	Grammar	1,200.00
Bodkin, Miss A. J.	Dec. 28, 1898	Special	600.00
Gorham, Miss K. L.	Aug. 30, 1897	Grammar	600.00
Telfer, Dr. G. J.	July 20, 1903	Grammar	600.00
Kelly, Eliz. F.	Aug. 18, 1904	Grammar	600.00
Leane, Miss H. F.	Sept. 1, 1905	Grammar	600.00
Fleming, Miss E. C.	Dec. 15, 1896	Grammar	600.00
Marsh, Miss A. G.	July 28, 1898	Grammar	600.00
Marshall, Mrs. M. L.	Sept. 1, 1897	Grammar	600.00
Kozminsky, Miss B.	Aug. 31, 1892	Grammar	600.00
Dwyer, Mrs. M.	Feb. 12, 1868	Primary	600.00
MacDonald, Miss F. M.	Dec. 5, 1892	Grammar	600.00
Blum, Miss J. L.	July 27, 1897	Grammar	600.00
Doyle, Miss J.	July 28, 1898	Grammar	600.00
Williams, Miss I. J.	Aug. 19, 1907	Grammar	600.00
Irving M. Scott Evening—			
Koss, Mr. Louis.	Feb. 17, 1908	High	600.00
Hall, Mr. H. C.	July 1, 1903	High	600.00

LIST OF SCHOOLS AND TEACHERS—Continued.

Name.	Grade of Class.	When Elected.	Grade of Certificate	Salary per Year.
Lincoln Evening—				
MacDonald, Mr. A. H.	Principal	Sept. 2, 1880	High	1,200.00
Oxton, Miss E. J.	Ninth	Jan. 31, 1889	Grammar	600.00
Smith, Miss N. A.	Eighth	Jan. 3, 1887	Grammar	600.00
Jordan, Mr. L. A.	Eighth	Aug. 1, 1894	High	600.00
MacDonald, Miss L. M.	Seventh	Aug. 23, 1907	Grammar	600.00
Harvey, Miss M. A.	Fifth	Aug. 29, 1892	Grammar	600.00
Parlin, Mrs. A. E.	Ungraded	Aug. 31, 1892	Grammar	600.00
Rich, Mrs. L. A.	Vice Principal	Dec. 23, 1885	Grammar	900.00
Greenan, Mrs. R. F.	Sixth	Mar. 26, 1877	Grammar	600.00
Wigand, Mrs. S. S.	Foreign	Dec. 27, 1890	Primary	600.00
Wigand, Miss E.	Foreign	Oct. 23, 1901	Grammar	600.00
Rengle, Mrs. E.	Foreign	Sept. 15, 1887	Grammar	600.00
West, Miss E. L.	Foreign	Aug. 30, 1896	Primary	600.00
O'Neill, Miss L. C.	Foreign	Sept. 8, 1888	Grammar	600.00
Kinne, Mr. H. C.	Foreign	July 14, 1868	High	600.00
Morgan, Miss R. E.	Foreign	Nov. 4, 1878	High	600.00
Richmond Evening—				
Strauss, Miss M.	Principal	July 11, 1895	Grammar	1,020.00
Roesman, Mr. T. J.	Ninth	July 11, 1902	High	600.00
Gould, Mr. N. B.	Eighth	June 24, 1904	Grammar	600.00
Dougherty, Wm. J.	Sixth	Aug. 19, 1907	Grammar	600.00
Washington Evening—				
Goodman, Mrs. P. M.	Principal	Dec. 14, 1886	Grammar	1,200.00
Williams, Mr. W. J.	Foreign	July 13, 1868	High	600.00
Fischer, Frank	High	July 6, 1886	Grammar	720.00
Fiala, Miss A. M.	Ninth	May 9, 1886	Grammar	600.00
Roden, Miss J. A.	Ninth	June 9, 1897	Grammar	600.00
Robinson, Miss M. C.	Ungraded	Dec. 10, 1896	Grammar	600.00
Grosjean, Mrs. E. S.	Ungraded	May 17, 1883	Grammar	600.00
Taylor, Ella B.	Foreign	Sept. 1, 1897	Grammar	600.00
Mahoney, Miss M. J.	Foreign	Sept. 30, 1879	Grammar	600.00
Hatch, Mr. G. P.	Eighth	July 28, 1904	Grammar	600.00
Bacigalupi, Miss B.	Italian		High	600.00
Nesfield, Miss M. C.	Foreign	June 29, 1903	Grammar	600.00
Hollub, Miss M. C.	Fifth	April 5, 1892	Grammar	600.00
Humboldt Evening High—				
Taaffe, Mr. L. A.	Principal	Dec. 2, 1886	High	1,500.00
Roberts, Mr. A. E.	Hd. of Drawing Dpt.	Dec. 31, 1892	Grammar	1,200.00
Riley, Mr. G. E.	Eng. Hist., C. Gov.	Sept. 1, 1902	High	720.00
Fenton, Mr. F. L.	High School	Feb. 11, 1904	High	720.00

BOARD OF EDUCATION

Leonard, Mr. E. M.	High School	Aug. 10, 1905	High	720.00
McKinley, Miss M. J.	Literature	Aug. 14, 1905	High	720.00
McHenry, Mr. John	Drawing	April 27, 1898	Special	720.00
Christie, Mr. L. C.	Drawing	Jan. 3, 1892	Special	720.00
Morgan, Mr. L.	Drawing	Aug. 21, 1902	Special	720.00
Harris, Mr. H. E.	Drawing	Sept. 4, 1902	Special	720.00
Henry, Mr. C. S.	Drawing	April 27, 1898	Special	720.00
Carroll, Mr. W. E.	Drawing	April 15, 1905	Special	720.00
Blue, Mr. F. K.	Drawing	Aug. 5, 1901	Special	720.00
Roylance, Mr. L. S.	Drawing	April 1, 1905	Special	720.00
Barnett, Mr. A. T.	High School	Sept. 8, 1903	High	720.00
Blake, Mr. W. S.	Science	Jan. 5, 1901	High	720.00
Farmer, Mr. M. S.	Ninth	Jan. 8, 1906	Grammar	600.00
Department at Large—				
Doyle, Mr. M. J.	Manual Training	Nov. 5, 1897	Special	1,800.00
Williams, Mr. J. B.	Manual Training	Jan. 4, 1906	Special	1,200.00
Davidson, Mr. L. E.	Manual Training	Aug. 1, 1901	Special	1,200.00
Bagot, Mr. H. C.	Manual Training	Feb. 15, 1903	Special	1,200.00
Felton, Mr. M. A.	Manual Training	July 30, 1902	Grammar	1,200.00
Bailey, Mr. P. F.	Manual Training	Aug. 10, 1905	Special	1,200.00
Dowling, Mr. D. E.	Manual Training	Mar. 4, 1906	Special	1,200.00
Slivia, Mr. A. M.	Manual Training	Mar. 11, 1905	High	1,200.00
Carpenter, Miss E.	Music	Dec. 28, 1898	Special	1,800.00
McClade, Mrs. M. G.	Music	Sept. 3, 1903	Special	1,080.00
Moran, Miss A. J.	Music	Nov. 16, 1905	Special	1,080.00
Crane, Mrs. M. H.	Music	Oct. 1, 1907	Special	1,800.00
Ball, Miss K. M.	Drawing	July 1, 1894	Special	1,800.00
Murray, Miss E. B.	Drawing	Dec. 29, 1896	Special	1,080.00
Berth, Mr. R. H.	Physical Culture	Aug. 31, 1892	Special	1,200.00
Miehling, Mr. O. S.	Physical Culture	Aug. 1, 1897	Special	1,200.00
Barlett, Miss E. M.	Cookery	July 1, 1901	Special	1,200.00
Ballinger, Miss C. A.	Cookery	July 20, 1905	Special	900.00
Woodward, Miss F. M.	Cookery	Sept. 1, 1904	Special	900.00
Congdon, Miss M.	Cookery	Aug. 19, 1905	Special	900.00
Gray, Miss E.	Cookery	Aug. 19, 1907	Special	900.00
Ball, Miss L.	Sup. Prim. Reading	April 1, 1908	Grammar	1,800.00
Paulsell, Miss J. N.	Cookery	Nov. 14, 1907	Special	900.00

TEACHERS ON LEAVE OF ABSENCE.

NAME.	SCHOOL.	When Elected.	Grade of Certificate.
Altmann, Mr. Aaron.....	Lowell High.....	July 15, 1903.....	Special
Altmann, Mrs. A.....	Humboldt.....	Nov. 1888.....	Grammar
Agnew, Miss E. O.....	Substitute.....	Jan. 29, 1906.....	Grammar
Adams, Miss E.....	Substitute.....	Sept. 1903.....	Grammar
Armstrong, Mr. A. M.....	Unassigned.....	May 28, 1903.....	High
Arnold, Miss M. V.....	Oriental.....	Nov. 1891.....	Grammar
Beanston, Mrs. E. W.....	Hawthorne.....	Aug. 31, 1902.....	Grammar
Baker, Mr. M. S.....	Lowell.....	Sept. 1901.....	High
Brampton, L. R.....	Substitute.....	Feb. 8, 1906.....	Grammar
Bloch, Mrs. F. V.....	Buena Vista.....	Feb. 25, 1905.....	Grammar
Baird, Mr. F. G.....	Lincoln Evening.....	Aug. 8, 1894.....	High
Boylan, Miss M. L.....	Burnett.....	Jan. 12, 1898.....	Grammar
Barrett, Mr. F. I.....	Hamilton Evening.....	Sept. 18, 1905.....	Special
Blackman, Miss R. E.....	Substitute.....	June 1, 1908.....	Grammar
Blue, Mr. F. K.....	Humboldt Evening.....	Aug. 1901.....	Special
Bartlett, A. G.....	Oceanside.....	Oct. 27, 1904.....	High
Brown, Miss H. A.....	Substitute.....	Feb. 12, 1906.....	Grammar
Connolly, Mr. G.....	Humboldt Evening.....	July 20, 1903.....	High
Crowley, M. I.....	Hearst.....	Sept. 21, 1891.....	Grammar
Crowley, A. T.....	Douglass.....	July, 1897.....	Grammar
Crook, Mrs. W. C. (nee A. J. Connelly).....	Clement.....	No data.....	
Carson, A. M.....	Substitute.....	No data.....	
Cilker, J. A.....	Pacific Heights.....	No data.....	Grammar
Cozad, M.....	Substitute.....	No data.....	
Cove, E. A.....	Grattan.....	Dec. 28, 1880.....	Grammar
Carey, Mr. M. R.....	Horace Mann Evening.....	Oct. 13, 1904.....	Grammar
Cilker, M.....	Substitute.....	No data.....	
Casey, Miss A. E.....	Substitute.....	June 18, 1908.....	
Cullen, Miss L. R.....	Harrison.....	Feb. 14, 1882.....	Grammar
Coyle, M. G.....	Garfield.....	Dec. 5, 1892.....	Grammar
Cohen, D.....	Substitute.....	Jan. 7, 1908.....	Grammar
Daniel, Ella R.....	Grant.....	July 25, 1897.....	Grammar
Deal, Miss L. B.....	Hamilton Evening.....	Jan. 1, 1887.....	Grammar
Dispaux, K. G.....	Washington Evening.....	Sept. 5, 1888.....	Grammar
Drew, W. J.....	Humboldt Evening.....	Feb. 25, 1897.....	High
Doolan, C. L.....	Substitute.....	Oct. 1903.....	Grammar
Downey, M. V.....	Substitute.....	No data.....	
Deasy, Mr. D. C.....	Substitute.....	July 27, 1898.....	Grammar
Falk, Miss L.....	Substitute.....	Aug. 11, 1897.....	Grammar
Friedlander, C.....	Hamilton Evening.....	Oct. 9, 1905.....	Grammar
Geary, M. I.....	Pacific Heights.....	Sept. 1897.....	Grammar
Goodfriend, Mrs. B.....	Hamilton Evening.....	Sept. 12, 1904.....	Special
Hayes, Miss C. S.....	Substitute.....	Feb. 1, 1904.....	Grammar
Haggerty, Miss K.....	No date.....		
Hinds, M. W.....	Moulder.....	Dec. 1893.....	Grammar
Hodgkinson, Miss F.....	Lowell.....	May 27, 1885.....	High
Howell, E.....	Evening Substitute.....	Dec. 4, 1907.....	Grammar
Harrington, K.....	Substitute.....	May, 1890.....	Grammar

NAME.	SCHOOL.	When Elected.	Grade of Certificate.
Jacobs, N. A.....	Lafayette.....	Sept. 5, 1888.....	Grammar
Kerns, Miss M.....	Lafayette.....	July 25, 1904.....	Grammar
Koch, F. W.....	Lowell.....	No data.....	
Lattimore, K.....	Columbia.....	Sept. 19, 1888.....	Primary
Livingston, B.....	Commercial Evening.....	Aug. 6, 1890.....	Special
Leszynsky, H. L.....	Girls High.....	No data.....	High
Lyons, Grace.....	Substitute.....	Aug. 14, 1905.....	Grammar
Livingston, M.....	Sutro.....	No data.....	
Ludlow, M. B.....	Marshall.....	Nov. 4, 1904.....	No data
Monaco, N. I.....	Jean Parker.....	Jan. 2, 1902.....	Grammar
Martin, A. M.....	Clement.....	Dec. 30, 1880.....	Grammar
Michelson, J. A.....	Pacific Heights.....	Mar. 1888.....	High
Miles, J. C.....	Emerson.....	Jan. 12, 1908.....	Grammar
Morgan, W. R.....	Humboldt Evening.....	Sept. 1896.....	Special
Miller, F. F.....	Substitute.....	Sept. 1907.....	Grammar
MacLean, D. G.....	Horace Mann Evening.....	April 6, 1908.....	High
McLellan, E. D.....	Hamilton.....	No data.....	
McCabe, J.....	Substitute.....	Aug. 14, 1905.....	Grammar
McDonnell, M.....	Denman.....	Aug. 1880.....	Grammar
McCarty, Miss M. G.....	Fairmount.....	Aug. 10, 1898.....	Grammar
McGraw, Miss M.....	Substitute.....	June 8, 1908.....	Grammar
McMillan, K.....	Substitute.....	Oct. 7, 1907.....	Grammar
Nunan, Miss K. T.	Irving M. Scott.....	May 14, 1890.....	Grammar
Nicholson, G.....	Substitute.....	Aug. 14, 1905.....	No data
O'Connor, Joseph.....	Mission High.....	Oct. 1888.....	High
O'Connor, K. L.....	Cooper.....	April 1, 1905.....	
O'Connell, A. E.....	McKinley.....	July 6, 1905.....	Grammar
O'Neil, Mrs. N. T.....	Hearst.....	Dec. 30, 1892.....	Grammar
O'Neil, M. F.....	Substitute.....	Mar. 30, 1905.....	Grammar
Powers, J. L.....	Humboldt Evening.....		
Parks, Miss C. E.....	Douglass.....	Sept. 2, 1897.....	Grammar
Reed, F. S.....	Jefferson.....	July 6, 1905.....	High
Ruff, M. C.....	Substitute.....	Feb. 6, 1906.....	Grammar
Sutherland, A. E.....	Spring Valley.....	Dec. 16, 1884.....	Grammar
Skahaen, L. C.....	James Lick.....	Aug. 1, 1904.....	Grammar
Snyder, C. D.....	Lowell High.....	No data.....	
Stokes, G.....	Lowell High.....	No data.....	
Smith, M. J.....	Marshall.....	July 9, 1885.....	Grammar
Senter, K. G.....	Substitute.....	No data.....	
Tompkins, P. T.....	Lowell High.....	Dec. 27, 1904.....	High
Vincent, Miss E. M.....	Winfield Scott.....	June 23, 1904.....	Grammar
Wheeler, Miss B.....	Burnett.....	Feb. 1, 1905.....	Grammar
Wilson, L. S.....	Winfield Scott.....	Jan. 5, 1903.....	High
Young, M. H.....	Substitute.....	July 6, 1905.....	Grammar

NAMES AND LOCATION OF SCHOOLS AND DESCRIPTION OF
SCHOOL PROPERTY.

Adams Cosmopolitan Grammar School. Temporary frame building, 12 rooms; Eddy Street, between Van Ness Avenue and Polk Street; lot in block 62 W. A., 137½x120 feet.

Agassiz Primary School. Eighteen rooms; Bartlett Street, between Twenty-second and Twenty-third Streets; lot in Mission Block 136, 150x250 feet, occupied also by Horace Mann Grammar School. On May 9, 1902, additional lot, Southwest corner Twenty-second and Bartlett Streets, S. 55 feet by W. 85 feet was purchased from S. J. Hendy.

Bay View Primary School. Temporary building, 6 rooms. On July 10, 1905, additional lot in Silver Terrace Tract, block C, was purchased from Allen Riddell for \$10,250. Commencing at the corner formed by the intersection of the Southerly line of Bay View Avenue and the Easterly line of Flora Street, and running thence Easterly along said Southerly line of Bay View Avenue, 200 feet, to the Westerly line of Pomona Street; thence at a right angle Southerly 350 feet; thence at a right angle Westerly 200 feet, to the Easterly line of Flora Street; thence Northerly along said line of Flora Street 350 feet, to the Southerly line of Bay View Avenue, and point of commencement. Recorded in Book 2,124 of Deeds, page 60. School located on Bay View Avenue and Flora Street.

Bergerot Primary School. New building, 12 rooms. Twenty-fifth Avenue and California Street. Block 95, 150x240 feet.

Bernal Grammar School. Frame building, 16 rooms. Courtland Avenue, between Andover Avenue and Moultrie Street. Lot in Gift Map No. 2, 140x148 feet 8½ inches.

Bryant Cosmopolitan Primary School. Temporary building, 12 rooms. York and Twenty-third Streets. Lot in Mission Block 147, between Twenty-second and Twenty-third Streets, Bryant and York Streets, 150 feet by 200 feet.

Buena Vista Primary School. Frame building, 13 rooms. Bryant Street, between Eighteenth and Nineteenth Streets. Lot on Potrero Block 39, 100x200 feet.

Burnett Grammar School. Frame building of 12 rooms and two adjacent rented rooms. L Street and Fourteenth Avenue South. Lot in South San Francisco Homestead Block 289. Lot 1, 75x100 feet; lot 2, 75x100 feet, and additional lot purchased from Cecilia Wright, August 26, 1903 for \$500, South San Francisco Homestead. Commencing at a point on the Southwest line of Fourteenth Avenue South; distant 150 feet Northwesterly from the Northwesterly line of L Street South; thence Northwesterly along Fourteenth Avenue South, 32½ feet, by uniform depth of 100 feet.

Clement Primary School. Temporary frame building, 6 rooms. Day and Noe Streets.

Clement Cooking and Manual Training Center. Temporary frame building, 6 rooms. Geary, near Jones Street. Lot in Block 253, 77½x137½ feet. Additional lot commencing at a point on the Southerly line of Geary Street, distant 137 feet 6 inches Westerly from the Southwest corner of Geary and Jones Street; thence Northerly along said line of Geary Street, 25 feet by South 137 feet 6 inches in depth, being a portion of 50 vara lot 253. Purchased from S. L. and Mabel V. Starr, August 14, 1905 for \$27,000. Recorded in Book 2,134 of Deeds, page 98.

Columbia Grammar School. Frame building, 18 rooms and three portable rooms. Florida Street, between Twenty-fifth and Twenty-sixth Streets. Lot in Mission Block 178. Lot No. 1, 100x200 feet; lot No. 2, 50x100 feet.

Cooper Primary School. Temporary frame building, 6 rooms. Greenwich Street, between Jones and Leavenworth Streets, lot in Block 237, 137½x137½ feet.

Commercial School. Afternoon session at Mission High School, Eighteenth and Dolores.

Crocker Grammar School. Frame building, 20 rooms. Page Street, between Broderick and Baker Streets. Lot in Block 523 W. A., $137\frac{1}{2}\times 137\frac{1}{2}$ feet. Additional lot purchased from W. J. Hawkins, May 16, 1905, for \$2,750. Commencing at a point on the Southerly line of Page Street, distant 96 feet, $10\frac{1}{2}$ inches, Easterly from the Easterly line of Baker Street; thence Easterly 25 feet by uniform depth of 110 feet.

Denman Grammar School. Temporary frame building, 6 rooms. Bush Street, between Larkin and Hyde Streets. Lot in Block 307, $97\frac{1}{2}\times 137\frac{1}{2}$ feet.

Douglass Primary School. Frame building, 10 rooms. Corner Nineteenth and Collingwood Streets. Lot in Horner's Addition, 135×135 feet.

Dudley Stone Primary School. Frame building, 16 rooms. Haight Street, between Lott and Masonic Avenues, lot in Block 657 W. A., $137\frac{1}{2}\times 137\frac{1}{2}$ feet.

Edison Primary School. Frame building, 10 rooms. Church and Hill Streets. Lot in Mission Block 90, 101 feet 9 inches by 114 feet.

Emerson Primary School. Frame building, 20 rooms. Pine Street, between Scott and Devisadero Streets. Lot in Block 460 W. A., $137\frac{1}{2}\times 137\frac{1}{2}$ feet.

Everett Grammar School. Frame building, 16 rooms; five additional rooms are rented. Sanchez Street, between Sixteenth and Seventeenth Streets. Lot in Mission Block 95, 125×160 feet.

Fairmount Grammar School. Frame building, 12 rooms. Chenery Street, near Randall Street, five portable rooms on premises. Lot in Fairmount Tract, Block 29. Lot 1, 112×125 feet; lot 2, 62×175 feet.

Franklin Grammar School. Temporary frame building, 12 rooms, Eighth Street, near Bryant Street. Lot in Block 410, 140×275 feet.

Frank J. McCoppin School. Temporary frame building, 9 rooms. Sixth Avenue, between B and C Streets. Lot in Block 375, West of First Avenue, 150×240 feet.

Fremont Grammar School. Frame building, 16 rooms. McAllister Street, between Broderick and Baker Streets. Lot in Block 530 W. A., $137\frac{1}{2}\times 137\frac{1}{2}$ feet. Additional lot (No. 1) purchased from Herman Murphy, January 3, 1902, for \$3,250. Commencing at a point on the Northerly line of McAllister Street, distant $112\frac{1}{2}$ feet Westerly from the Westerly line of Broderick Street; thence Westerly 25 feet, by uniform depth of 137 feet, 6 inches. Recorded in Book 1,947 of Deeds, page 102. Additional lot (No. 2) purchased from Owen McHugh, July 1, 1902. Commencing at a point on the Northerly line of McAllister Street, distant 96 feet, $10\frac{1}{2}$ inches Easterly from the Easterly line of Baker Street, running thence Easterly 25 feet, by uniform depth of 137 feet, 6 inches. Recorded in Book 1,962 of Deeds, page 138.

Garfield Primary School. Temporary frame building, 10 rooms (four additional rented rooms). Union Street, near Kearny Street. Lot in Block 62, $137\frac{1}{2}\times 137\frac{1}{2}$ feet.

Girls' High School. Temporary frame building just completed at a cost of \$16,000. Scott Street, near Geary Street. This school is not built on school property, but on property belonging to the City and which originally formed a part of Hamilton Square. In 1870 the Board of Education obtained permission to use a portion for the erection of school buildings. Lot 275 feet front on Scott Street, 341 feet 3 inches on Geary and O'Farrell Streets.

Glen Park Grammar School. New frame building, 12 rooms, costing \$45,000. San Jose and Joost Avenues. Additional lot purchased from the Estate of John Pforr, May 20, 1905, for \$5,600. Mission and Thirtieth Extension Homestead Union. Beginning at the corner formed by the intersection of the Southwesterly line of Berkshire Street with the Southeasterly line of Lippard Avenue; thence Southwesterly along Lippard Avenue, 400 feet; thence at right angles Southeasterly 200 feet, to the Northwesterly line of Fulton

Avenue; thence at right angles Northeasterly 400 feet along Fulton Avenue, to the Southwesterly line of Berkshire Street thence at a right angle Northwesterly along Berkshire Street to the point of beginning, being all of Block 3, Mission and Thirtieth Street Extension Homestead Union. Recorded in Book 2,125 of Deeds, page 76.

Golden Gate Primary. New building being built. Golden Gate Avenue, between Pierce and Scott Streets. Lot in Block 433 W. A., 100x137½ feet. Additional lot purchased from Fred L. Hansen, July 20, 1905, for \$4,375. Commencing at a point on the Northerly line of Golden Gate Avenue, distant thereon 68 feet 9 inches, Westerly from the Westerly line of Pierce Street; thence Westerly 25 feet, by uniform depth of 137 feet 6 inches. Additional lot (No. 2) purchased from Margaret Poyelson, June 28, 1905, for \$8,856. Commencing at a point on the Northerly line of Golden Gate Avenue, distant thereon 93 feet 9 inches, Westerly from the Westerly line of Pierce Street; thence Westerly 43 feet 9 inches, by uniform depth of 137 feet 8 inches. Additional lot (No. 3) purchased from Gustave A. DeManiel, June 14, 1905, for \$12,462. Commencing at a point on the Northerly line of Golden Gate Avenue, distant 137 feet 6 inches, westerly from the Westerly line of Pierce Street; thence Westerly 37 feet six inches, by uniform depth of 137 feet 6 inches.

Grant Primary School. Frame building, 8 rooms. Pacific Avenue, between Broadway and Baker Streets. Lot in Block No. 546 W. A., 137½x137½ feet.

Grattan Primary. Temporary frame building, 6 rooms. Alma Street, near Grattan. Additional lot purchased from the Pope Estate Co., for \$28,500. Recorded in Book 2,130 of Deeds, page 204. Western Addition Block 874. Commencing at the point of intersection of the Southerly line of Grattan Street with the Easterly line of Shrader Street; thence Easterly along Grattan Street, 203 feet 7¾ inches; thence at a right angle Southerly 249 feet, to the Northerly line of Alma Avenue; thence at a right angle Westerly and along said line of Alma Avenue, 203 feet 7¾ inches, to the Easterly line of Shrader Street; thence at a right angle Northerly 249 feet 11 inches, to the Southerly line of Grattan Street, and point of commencement.

Haight Primary. Frame building, 13 rooms. Mission Street, between Twenty-fifth and Twenty-sixth Streets. Lot in Mission Block 183. 150x117½ feet.

Hamilton Grammar. Frame building, 17 rooms. Geary Street, between Scott & Pierce Streets. (See Girls' High School).

Hancock Grammar. Temporary frame building, 10 rooms. Filbert Street, near Jones. Lot in Block 208, 100x120 feet.

Harrison Primary. Temporary frame building, 3 rooms. Railroad Avenue and Thirty-fourth Streets.

Hawthorne Primary. Frame building, 11 rooms. Shotwell Street, between Twenty-second and Twenty-third Streets, lot in Mission Block 138, 122½x122½ feet.

Hearst Grammar. Frame building, 25 rooms. Corner Fillmore and Hermann Streets, lot in Block 374 W. A., 137½ x 137½ feet.

Henry Durant Primary. Frame building, 12 rooms. Turk Street, between Buchanan and Webster Street, lot in Block 281 W. A., 137½x120 feet.

Holly Park Primary. Temporary frame building of 8 rooms. Andover Avenue and Jefferson Street. (Lot is leased).

Horace Mann Grammar. Frame building, 20 rooms. Valencia Street, between Twenty-second and Twenty-third Streets. (See Agassiz Primary).

Hunter's Point Primary. Temporary frame building of two rooms. Eighth Avenue, between C and D Streets. (Lot is leased).

Irving Primary. Temporary frame building, 6 rooms. Broadway, between Montgomery and Sansome Streets. Lot in Block No. 47, 68¾x137½ feet.

Irving M. Scott Grammar. Frame building, 20 rooms. Tennessee Street, near Twenty-second. Lot in Potrero Block No. 373, 150x200 feet.

Jackson Primary. Temporary portable frame building, 6 rooms. Oak and Stanyan Streets. (Lot is leased).

James Lick Grammar. Frame building, 14 rooms. Noe and Twenty-fifth Streets. Lot in Horner's Addition, Block No. 163, 114x116 feet.

Jean Parker Grammar. Temporary building, 10 rooms. Broadway, between Powell and Mason Streets. Lot in Block No. 157. Lot 1, 65 feet 2 inches by 137½ feet; lot 2, 30x91 feet 8 inches; lot 3, 39 feet 9 inches by 91 feet 8 inches.

Jefferson Primary. Temporary frame building, 6 rooms. Bryant and Seventh Streets. Lot in Block No. 397, 92½x275 feet.

John Swett Grammar. Temporary frame building, 12 rooms. McAllister Street, between Franklin and Gough Streets. Lot in Block No. 136 W. A., 137½x137½ feet.

Laguna Honda Primary. Building being built. Seventh Avenue, between I and J Streets. Lot in Block No. 678, 150x240 feet.

Lake View Primary. Temporary frame building, 4 rooms. Plymouth and Grafton Streets.

Lincoln Grammar School. Temporary frame building, 8 rooms. Harrison Street, near Fourth. Lot in Block No. 374, 195x160 feet. Additional lot (1) purchased from Bertha Gunnison, February 9, 1906, for \$4,250. Commencing at a point on the Northwesterly line of Harrison Street, distant thereon 275 feet, Southwesterly on the Southwest line of Fourth Street, running thence Southerly along said line of Harrison Street; thence at a right angle Northwesterly 85 feet; thence at a right angle Northwesterly 85 feet, to the North line of Harrison Street, from the point of commencement. Additional lot (2) purchased from Herman Scholten, December 18, 1905, for \$2,800. Commencing at a point on the Southeasterly line of Clara Street, distant 275 feet Southwesterly from the point of intersection of said Southeasterly line of Clara Street with the Southwesterly line of Fourth Street, running thence Southwesterly along said Southeasterly line of Clara Street, 25 feet; thence at a right angle Southeasterly, 75 feet; thence at a right angle Northeasterly, 25 feet; thence at a right angle Northwesterly, 75 feet, to the Southeasterly line of Clara Street and point of commencement.

Lowell High School. Frame building, 21 rooms. Sutter Street, between Octavia and Gough Streets. Lot in Block No. 158, W. A., 137½x120½ feet.

Madison Primary. Frame building, 8 rooms. Clay Street, near Walnut Street. Lot in Block No. 815, W. A., 137½x137½ feet.

Marshall Primary. Temporary frame building, 10 rooms. Julian Avenue, between Fifteenth and Sixteenth Streets. Lot in Mission Block No. 35, 200x182 feet. (Also occupied by Mission Grammar School).

McKinley Primary. Temporary frame building, 12 rooms. Fourteenth and Castro Streets. Additional lot purchased from Jas. Irvine, August 14, 1905. Cost \$35,000. Mission Block No. 121. Commencing at the Southwesterly corner of Fourteenth and Castro Streets; thence Westerly along the Southerly line of Fourteenth Street, 320 feet; thence at right angle Southerly, 230 feet, to the Northerly line of Henry Street; thence Easterly along said last named line, 320 feet to the Westerly line of Castro Street; thence Northerly along said last named line, 230 feet, to the point of commencement.

Mission Grammar. Temporary frame building, 12 rooms. Mission, between Fifteenth and Sixteenth Streets. (See Marshall Primary.)

Mission High School. Brick building, 25 rooms. Eighteenth and Dolores Streets. Mission Block No. 85, 398x194 feet. Purchased in 1896 for \$52,500.

Monroe Grammar. Building being built. China Avenue and London Streets. Lot in Block No. 14, Excelsior Homestead, 150x100 feet. Additional lot purchased from Thomas Shewbridge, August 30, 1902, Excelsior Homestead Block No. 14. New lot, corner China Avenue and Paris Street, Northwest 100 feet, by Northeast 150 feet, lot 4, Block 14, Excelsior Homestead.

Moulder Primary. Frame building, 10 rooms. Page and Gough Streets, lot in Block No. 145, W. A., 137½x120 feet.

Noe Valley Primary. Frame building, 15 rooms. Twenty-fourth and Douglas. Additional lot (No. 1) purchased from George and Christina Gies. Deed dated October 5, 1901. Horner's Estate, Block 244. Commencing at a point on the West line of Douglass Street, 139 feet North to Twenty-fourth Street; thence North on the West line of Douglass Street, 25 feet, by West, 125 feet in depth. Additional lot (No. 2) purchased from Mary E. Gies. Deed dated, October 7, 1901. Commencing at a point on the West line of Douglass Street, 114 feet North of Twenty-fourth Street; thence North on the West line of Douglass Street, 25 feet, by West 125 feet in depth. Additional lot (No. 3) commencing at a point on the West line of Douglass Street, 64 feet North of Twenty-fourth Street; thence North on Douglass Street, 50 feet, by West 125 feet in depth. Additional lot (No. 4) purchased from Jas. M. Curtin, deed dated September 6, 1901. Commencing at a point on the Northwest corner of Twenty-fourth and Douglass Streets; thence North 64 feet, West 125 feet, North 50 feet, West 51 feet 8 inches, South 114 feet, East 176 feet 8 inches. Additional lot (No. 5) purchased from Eliz. Overend, for \$2,050. Commencing at a point on the South line of Elizabeth Street, 125 feet West of Douglass Street; thence West on Elizabeth Street, 51 feet 8 inches, by South 114 feet in depth.

Ocean House Primary. Frame building, 2 rooms. Corner Corbett Road and Ocean Avenue. Cost \$1,401.58. Lot in San Miguel. 100 feet by 240 feet.

Oceanside Primary. New frame building, 8 rooms. Forty-second avenue and I Street. Lot in Block No. 714. 150 feet by 240 feet.

Oral School for Deaf. Temporary frame building, one room. McAllister Street, between Octavia and Gough Streets. (See John Sweet Grammar.)

Oriental Public School. Temporary frame building, 5 rooms. Clay Street, near Powell Street.

Parental School. Temporary frame building, 3 rooms. Harrison Street, near Tenth. Lot in Mission Block No. 8. 137½ feet by 137½ feet.

Pacific Heights Grammar. Frame building, 19 rooms. Jackson, between Fillmore and Webster Streets. Lot in Block 318 W. A. 137½ feet by 137½ feet.

Peabody Primary. Sixth Avenue, near California. Lot in Block No. 176; 150x240 feet.

Polytechnic High. Temporary frame building, 16 rooms. Frederick Street, near First Avenue. Additional lot purchased from the City Realty Company July 31, 1905, for \$65,000. Western Addition Block No. 740. Commencing at a point on the South line of Frederick Street 121½ feet East from First Avenue; thence in a Southerly direction 175 feet; thence at a right angle Easterly 1 foot 6 inches; thence at a right angle Southerly 100 feet to a point in the North line of Carl Street 151½ feet East of First Avenue; thence easterly along Carl Street 464 and 8-12 feet to a point 269 4-12 feet West of Willard Street; thence Northerly 278 5-12 feet to a point on the South line of Frederick Street 226 11-12 feet West of Willard Street; thence West along South line of Frederick Street 505 10-12 feet to point of commencement.

Redding Primary. Temporary frame building, 6 rooms. Pine Street, between Polk and Larkin Streets. Lot in Block 114 W. A.; 200x120 feet.

Richmond Grammar. Frame building, 17 rooms. First Avenue, near Point Lobos Avenue. Lot in Academy of Science Block, W. A. O. L. R. 157 feet 7 inches by 240 feet. The Board of Education has permission to use this lot for school purposes.

Sheridan Primary. One-story frame building, comprising 12 rooms. Minerva Street, near Plymouth Avenue. Lot in Block S, Railroad Homestead Association. 100 feet by 125 feet.

Sherman Primary. Frame building, 14 rooms. Union Street, near Franklin Street. Lot in Block No. 117 W. A. 137½ feet by 137½ feet.

South End Primary. Frame building, comprising 13 rooms. Somerset Street, between Felton and Burrows Streets. Lot in University Mound Survey, 50 feet by 120 feet. Additional block purchased from P. J. Kennedy August 22, 1905, for \$5,000.00. University Mound Survey Block 12. Commencing at a point formed by the intersection of the Northwesterly line of Bacon Street, in the Southwesterly line of Girard Street, running thence Northwesterly along Girard Street 200 feet and thence at a right angle 240 feet to Berlin Street, thence at a right angle Southeasterly and along Berlin Street 200 feet to the Northwesterly line of Bacon Street; thence at a right angle 240 feet to the Southwesterly line of Girard Street and point of commencement, being the Southerly half of Block No. 12, University Mound Survey.

Spring Valley Grammar. Temporary frame building, 9 rooms. Broadway near Polk Street. Lot in Block 21 W. A. 137½ feet by 137½ feet.

Starr King Primary. Temporary frame building, 9 rooms. San Bruno Avenue, near Twenty-fifth Street.

Sunnyside Primary. Building being built. 115 Flood Avenue. Additional Lots 10 to 24 inclusive. Sunnyside Tract. Purchased from the Sunnyside Land Company, July 19, 1902.

Sunset Primary. Temporary frame building, 6 rooms. Thirteenth Avenue and K Street. Block No. 780. West of First Avenue. 150 feet by 240 feet.

Sutro Grammar School. Frame building, comprising 13 rooms. Twelfth Avenue, between Clement and California Streets. Lot in Block No. 179; west of First Avenue; 150x240 feet.

Visitacion Valley Primary. Temporary frame building, 7 rooms. Sunnydale avenue and Cora Street.

Washington Grammar. Temporary frame building, 9 rooms. (New steel-concrete building being built). Washington and Mason Streets. Lot in Block No. 188; 137½x137½ feet. Additional new Lot No. 1; purchased from the estate of Louise C. Kauffman, March 10, 1905, for \$7,500. Commencing at a point on the Southerly line of Washington Street 137 feet 6 inches Northerly from the Southwest corner of Mason and Washington Streets, thence Southerly 137 feet 6 inches by West 34 feet 4½ inches, being a portion of 50 Vara lot 188. Additional new lot No. 2, purchased from Julie Dunnier and others, July 12, 1905, for \$9,500. Commencing at a point on the Southerly line of Washington Street, distant 170 feet 10½ inches from the Southwest corner of Mason and Washington Streets; thence Northerly 34 feet 4½ inches by South 137 feet 6 inches in depth, being a portion of 50 Vara lot 188.

West End Primary. One-story frame building, 3 rooms. 5630 Mission Street. Lot in West End Map. Block 23. 80x165 feet.

Winfield Scott Primary. Building being built. Lombard Street, between Broderick and Baker Streets. Lot in Block No. 553 W. A. 137½x137½ feet.

Yerba Buena Primary. Building being built. Greenwich street, between Webster and Fillmore Streets. Lot in Block No. 325 W. A. 137½x120 feet.

LIST OF UNOCCUPIED PROPERTIES BELONGING TO SCHOOL DEPARTMENT.

Lot in Block No. 220; northwest corner Bush and Taylor Streets; 137½x137½ feet.

Lot in Block No. 3, W. A., Grove Street, near Larkin Street; 137½x137½ feet.

Lot in Block No. 286; Golden Gate Avenue, near Hyde Street; 110x137½ feet

Lot in Block 348; Tehama Street, between First and Second Streets; irregular in size; about 118x155 feet.

Lot in Block No. 82. Corner Filbert and Kearny Streets; $137\frac{1}{2} \times 137\frac{1}{2}$ feet. Additional lot adjacent in litigation.

Lot in Block No. 160; Powell Street, between Washington and Jackson Streets; $68\frac{3}{4} \times 137\frac{1}{2}$ feet.

Lot in Block No. 371; Fifth Street, near Market Street; 275×275 feet. Leased to Wise Realty Company (later merged into the Lincoln Realty Company) for thirty-five years, at a total rental of \$2,835,000, as follows: for the first five years a rental of \$3,780 per month, and for the remaining thirty years a rental of \$7,245 per month.

Lot in Block No. 137; Powell Street, between Clay and Sacramento Streets; $68\frac{3}{4} \times 137\frac{1}{2}$ feet.

Lot in Mission Block No. 21; West Mission Street, between Hermann and Ridley Streets; $133\frac{3}{4} \times 137\frac{1}{2}$ feet.

Lot in Block No. 118; corner Bush and Stockton Streets; $137\frac{1}{2} \times 137\frac{1}{2}$ feet.

Lots in Block 358; Silver Street, between Second and Third Streets. Lot No. 1, 88×70 feet; Lot No. 2, 100×185 feet.

Lot in Mission Block No. 72. Commencing at a point formed by the intersection of the Southerly line of Nineteenth Street with the Easterly line of Angelica Street, running thence Southerly along said Easterly line of Cumberland Place; thence Easterly along said Northerly line of Cumberland Place and Cumberland Place Extension 183 feet; thence at a right angle Northerly 91 feet; thence at a right angle Northerly 50 feet; thence in a Northwesterly direction 118 feet $2\frac{1}{2}$ inches to a point in the Southerly line of Nineteenth Street, which point is distant Easterly 102 feet from the Southeasterly corner of Nineteenth and Angelica Streets; thence Westerly along said Southerly line of Nineteenth Street 102 feet to the point of commencement. Purchased from P. W. Riordan, Roman Catholic Archbishop of San Francisco, for \$33,625, as an alternate site for the Marshall Primary School. Recorded in Book 128 of Deeds, page 251, New Series.

Lot in Block 119, on Post Street, between Grant Avenue and Stockton Street; $70 \times 122\frac{1}{2}$ feet. Leased July 1, 1892, for ten years at \$755 per month; later reduced to \$600 per month.

Lot in Block 137, on Clay Street, between Stockton and Powell Streets; $26\frac{1}{2} \times 75$ feet. Rented at \$10 per month.

Lot in Block 183, on Northeast corner Taylor and Vallejo Streets; $137\frac{1}{2} \times 137\frac{1}{2}$ feet.

Lot in Block 302, on Washington Street, between Hyde and Leavenworth Streets; $137\frac{1}{2} \times 137\frac{1}{2}$ feet.

Lot in Block 371, known as Lincoln School Lots, fronting 275 feet on Market Street by 100 feet in depth. Rented to various parties at \$3,310 per month.

Lot in Block 374, corner Fourth and Clara Streets; 80×150 feet. Rented at \$175 per month.

Lot in Mission Block 61, on Nineteenth Street, between Mission and Howard Streets; $137\frac{1}{2} \times 137\frac{1}{2}$ feet, less 60 feet included in Capp Street. Title in litigation.

Lot in Mission Block 104, on south side of Sixteenth Street, between Sanchez and Noe Streets; $137\frac{1}{2} \times 137\frac{1}{2}$ feet. In litigation.

Lot in Block 29 W. A., on south side of Francisco Street, between Larkin and Polk Streets; $137\frac{1}{2} \times 137\frac{1}{2}$ feet.

Lot in Block 111 W. A., on south line of Bay Street, between Franklin and Gough Streets; $137\frac{1}{2} \times 137\frac{1}{2}$ feet. In litigation.

Lot in Block 123 W. A., on south line of Washington Street, between Franklin and Gough Streets; $137\frac{1}{4} \times 137\frac{1}{2}$ feet.

Lot in Block 465 W. A., on north line of Jackson Street, between Scott and Devisadero Streets; $137\frac{1}{2} \times 137\frac{1}{2}$ feet.

Lot in Block 848 W. A., on south line of Clay Street, between Cherry and First Avenue; $137\frac{1}{2} \times 137\frac{1}{2}$ feet.

WEST OF FIRST AVENUE AND NORTH OF THE PARK, THE SCHOOL DEPARTMENT OWNS PROPERTY AS FOLLOWS:

(All 150x240 feet.)

- Block 152; Thirty-first Avenue, between California and Clement Streets.
 Block 164; Nineteenth Avenue, between California and Clement Streets.
 Block 176; Seventh Avenue, between California and Clement Streets.
 Block 242; Forty-third Avenue, between Point Lobos Avenue and A Street.
 Block 248; Thirty-seventh Avenue, between Point Lobos Avenue and A Street.
 Block 254; Thirty-first Avenue, between Point Lobos Avenue and A Street.
 Block 260; Twenty-fourth Avenue, between Point Lobos Avenue and A Street.
 Block 266; Nineteenth Avenue, between Point Lobos Avenue and A Street.
 Block 272; Thirteenth Avenue, between Point Lobos Avenue and A Street.
 Block 278; Seventh Avenue, between Point Lobos Avenue and A Street.
 Block 339; Forty-third Avenue, between B and C Streets.
 Block 345; Thirty-seventh Avenue, between B and C Streets.
 Block 351; Thirty-first Avenue, between B and C Streets.
 Block 357; Twenty-fifth Avenue, between B and C Streets.
 Block 363; Nineteenth Avenue, between B and C Streets.
 Block 369; Thirteenth Avenue, between B and C Streets.
 Block 395; Sixteenth Avenue, between C and D Streets.
 Block 407; Twenty-eighth Avenue, between C and D Streets.
 Block 418; Twenty-ninth Avenue, between C and D Streets.

ALSO WEST OF FIRST AVENUE AND NORTH OF THE PARK, AS FOLLOWS:

(All not otherwise stated are 150x240 feet.)

- Block 673; First Avenue, between I and J Streets; 107x178 feet.
 Block 690; Nineteenth Avenue, between I and J Streets.
 Block 696; Twenty-fifth Avenue, between I and J Streets.
 Block 702; Thirty-first Avenue, between I and J Streets.
 Block 708; Thirty-seventh Avenue, between I and J Streets.
 Block 775; Eighth Avenue, between K and L Streets.
 Block 786; Nineteenth Avenue, between K and L Streets.
 Block 792; Twenty-fifth Avenue, between K and L Streets.
 Block 798; Thirty-first Avenue, between K and L Streets.
 Block 804; Thirty-seventh Avenue, between K and L Streets.
 Block 810; Forty-third Avenue, between K and L Streets.
 Block 872; Thirteenth Avenue, between M and N Streets.
 Block 878; Nineteenth Avenue, between M and N Streets.
 Block 884; Twenty-fifth Avenue, between M and N Streets.
 Block 890; Twenty-first Avenue, between M and N Streets.
 Block 896; Thirty-seventh Avenue, between M and N Streets.
 Block 902; Forty-third Avenue, between M and N Streets.
 Block 952; Ninth Avenue, between O and P Streets; irregular; 147½ x 182 feet.
 Block 957; Thirteenth Avenue, between O and P Streets.
 Block 963; Nineteenth Avenue, between O and P Streets.
 Block 969; Twenty-fifth Avenue, between O and P Streets.
 Block 975; Twenty-first Avenue, between O and P Streets.
 Block 981; Thirty-seventh Avenue, between O and P Streets.
 Block 987; Forty-third Avenue, between O and P Streets.
 Block 1,035; Thirteenth Avenue, between Q and R Streets.
 Block 1,044; Nineteenth Avenue, between Q and R Streets.
 Block 1,050; Twenty-fifth Avenue, between Q and R Streets.

- Block 1,056; Thirty-first Avenue, between Q and R Streets.
 Block 1,062; Thirty-seventh Avenue, between Q and R Streets.
 Block 1,068; Forty-third Avenue, between Q and R Streets.
 Block 1,114; Thirteenth Avenue, between S and T Streets.
 Block 1,120; Nineteenth Avenue, between S and T Streets.
 Block 1,126; Twenty-fifth Avenue, between S and T Streets.
 Block 1,132; Thirty-first Avenue, between S and T Streets.
 Block 1,138; Thirty-seventh Avenue, between S and T Streets.
 Block 1,144; Forty-third Avenue, between S and T Streets.
 Block 1,186; Fourteenth Avenue, between U and V Streets; irregular; 161
 x92½ feet.
 Block 1,191; Nineteenth Avenue, between U and V Streets.
 Block 1,197; Twenty-fifth Avenue, between U and V Streets.
 Block 1,203; Twenty-first Avenue, between U and V Streets.
 Block 1,209; Thirty-seventh Avenue, between U and V Streets.
 Block 1,215; Forty-third Avenue, between U and V Streets.
 Block 1,258; Nineteenth Avenue, between W and X Streets.
 Block 1,264; Twenty-fifth Avenue, between W and X Streets.
 Block 1,276; Thirty-seventh Avenue, between W and X Streets; irregular;
 125 feet 10 inches by 240 feet.
 Block 1,282; Forty-third Avenue, between W and X Streets; irregular;
 11 feet 2 inches by 240 feet.

LOTS IN POTRERO.

- Block 46; York Street, between El Dorado and Alameda Streets; 100x200;
 Rented at \$2 per month.
 Block 85; Utah Street, between Yolo and Colusa Streets; 100x200 feet.
 Block 127; Vermont Street, between Solano and Butte Streets; 120x200
 feet.
 Block 149; Kansas Street; between Yolo and Colusa Streets; 150x200 feet.
 Block 163; Rhode Island Street, between Mariposa and Solano Streets;
 100x200 feet. Rented \$2 per month.
 Block 226; Arkansas Street, between Nevada and Yolo Streets; 150x200
 feet.
 Block 254; Connecticut Street, between Yolo and Colusa Streets, 150 x
 200 feet.
 Block 265; Missouri Street, between Napa and Sierra Streets; 150x200
 feet.
 Block 287; Texas Street, between Nevada and Yolo Streets; 150x200 feet.
 Block 391; Southeast corner Kentucky and Napa Streets; 150x200 feet.

OTHER OUTSIDE LOTS.

- Precita Valley Lands; California Avenue, from Eve to Adam Streets; 150x
 32 feet.
 Paul Tract Homestead; Berlin Street, between Irving and Ward Streets;
 85 feet and 2 inches by 120 feet.

RENTS.

	Per Mo.
Stapleton, William; Burnett School, room, Fourteenth Avenue South.....	\$20.00
Anderson, H. B.; Hunter's Point School, lot, Ninth Avenue and G Street....	2.50
Wallace, F. B. and Isabelle Sprague, Trustees; Burnett School, lot, Fifth- teenth Avenue and L Street.....	15.00
Cull, L. C.; Columbia School, lot, Florida and Twenty-fifth Streets.....	17.50
Hornung, C. F.; Everett School, lot, Sixteenth and Dehon Streets.....	8.35
Guinaw, E.; Everett School, one room, 375 Sanchez Street.....	25.00
Truman, A.; Everett School, three rooms, Seventeenth and Sanchez Sts.....	60.00

Thomas, H. J.; Marshall School, Fifteenth and Julian Avenue.....	41.75
Meisel, H. A.; Garfield School, one room, Northwest corner Union and Montgomery Streets	20.00
O'Neill, A. C.; Garfield School, one room, 1315 Montgomery Street.....	20.00
Hefferman, Mrs.; Garfield School, Montgomery and Filbert Streets.....	25.00
Iberg, Mrs. William; Hearst School, four rooms, Steiner and Hermann....	60.00
Somers, W. J., Jackson School, lot, Oak Street.....	100.00
Bradrick, C.; James Lick School, lot, Twenty-sixth and Sanchez Streets....	8.35
Oliva, J.; Monroe School, four rooms, London and China Avenues.....	30.00
Fair, J. O; Sunnyside School, house, 115 Flood Avenue.....	25.00
Broderick, P.; Sheridan School, lot, Crafton and Plymouth.....	5.00
Giannini, E.; South End School lot, corner Burrows and Somerset Streets	4.15
O'Callaghan, D.; Fairmount School, lot, corner Day and Noe Streets.....	40.00
O'Callaghan, D.; lot, Moscow and Brail Streets.....	20.00
O'Callaghan, D.; Winfield Scott School, lot, Lombard and Broderick Sts...	60.00
Deasy, D. C.; Lafayette School, lot, Greenwich and Webster Streets.....	30.00
Odland, S. P.; Holly Park School, rooms, 416 Andover Street.....	25.00

Park Commissioners' Report

To the Honorable, the Mayor of the City and County of San Francisco.

Dear Sir: Pursuant to Section 9, Article XVI, of the Charter of the City and County of San Francisco, the Park Commissioners herewith present their report for the fiscal year ending June 30th, 1908.

F. A. HEALY,

Secretary, Park Commissioners.

RECEIPTS.

	Amount.	Total.
By Balance brought forward from 1907.....	\$ 8,699.27	
By Revenue from Childrens' Quarters.....	25,415.25	
By Boarding Park Police Horses.....	1,973.35	
By Partial payment of U. R. R. toward band concerts.....	1,500.00	
By Park program privilege.....	1,346.25	
By Revenue from Beach Chalet.....	922.75	
By Rent of Japanese Tea Garden.....	600.00	
By Sale of old lumber, etc., St. Francis Hotel (Union Square).....	447.60	
By Forfeiture of Contract, Warren & Malley.....	320.00	
By Rent of Boat House.....	300.00	
By Public subscription toward band concerts.....	250.00	
By Motor Cycle permits.....	110.00	
By United Railroad privilege.....	100.00	
By Unclaimed demand.....	100.00	
By Assistance rendered Fourth July Committee at Stadium.....	75.00	
By Receipts from Fleet day at Stadium.....	73.55	
By Sale of old tank.....	20.00	
By Sale of donkey and goat.....	10.00	
By Taxes.....	300,745.90	
		\$343,008.92

DISBURSEMENTS.

	Amount.	Total.
To Construction Account.....	\$ 70,259.10	
To Maintenance Account.....	188,933.69	
To Salaries: Secretaries and Clerk.....	4,485.50	
To Stationery, advertising for bids, printing, etc.	631.38	
SMALL PARKS AND SQUARES.		
To Construction.....	6,351.20	
To Maintenance.....	49,238.22	
To Balance forwarded to next fiscal year, 1908- 1909.....	23,109.83	
		\$343,008.92

CONSTRUCTION ACCOUNT.

	Amount.	Total.
STRUCTURES.		
Stadium Club House—labor and material.....	\$6,734.27	
Susannah Brown Memorial Gateway—labor and material.....	5,000.00	
Fences—Stadium, etc., labor, lumber, wire.....	832.94	
Handball Court.....	577.00	
Murphy Windmill—painter, hardware, sails and fittings.....	360.50	
Green House at Nursery.....	329.05	
Automobile stand—South drive.....	175.00	
Stand at Stadium.....	55.00	
Foundation for Sun dial.....	8.50	
Taking down, repairing and resetting Francis Scott Key Monument.....	3,216.55	
		\$17,288.81
WATER WORKS.		
Sump at Park Water Works—labor, wire and brass cloth, lumber, cement, etc.....	4,693.77	
Water pipe extension—labor, pipe and fittings.....	2,274.58	
Sump at Murphy Windmill—labor, lumber, etc.....	1,881.43	
Murphy Windmill—cast pipe, hardware.....	469.87	
Hardware.....	474.55	
Reconstruction Water Works—labor.....	188.50	
Power service to Beach Windmill.....	60.11	
Lumber for flume.....	10.39	
		10,053.20
DRAINS.		
Labor, pipe.....	153.78	
		153.78
ROADS AND WALKS.		
Cliff House Road—labor and material.....	11,200.30	
Bicycle path at Stadium.....	4,456.05	
Walk near Stadium—commencing at North and South Drive.....	2,190.70	
Cinder path in Stadium.....	2,776.60	
Raising grade of walk at Granite Bridge.....	980.00	
High Level Drive of Great Highway.....	4,183.45	
Bridle path near Stadium.....	256.50	
Walk around Stadium.....	671.00	
Walks crossing Panhandle.....	149.00	
Walk from Thirty-fourth Avenue and H Street to Stadium.....	114.25	
Walk to Metson Lake—uncompleted.....	27.50	
		27,005.35
GROUNDS.		
To labor and material for grading, forming, dressing, trimming and fertilizing grounds and purchasing of loam and clay—		
Labor, plants, grass, seed, etc.....	4,566.55	
		4,566.55
FORESTS—PLANTATION—RECLAMATION.		
Forestry—labor, loam.....	917.50	
Spur track for street sweepings.....	819.33	
Reclamation.....	541.53	
		2,278.36

PARK COMMISSIONERS

CONSTRUCTION ACCOUNT—Continued.

	Amount.	Total.
SURVEYING AND DRAUGHTING.		
Labor and material.....	\$1,704.99	
		\$1,704.99
CONSERVATORY.		
Orchids.....	200.00	
		200.00
Metson Lake—labor and material.....	7,008.06	
		7,008.06
SMALL PARKS AND SQUARES.		
To constructing the following:		
Mission—labor, water pipe and fittings, seeds, etc.....	5,686.78	
Buena Vista Park—laboratory, labor and material.....	604.92	
Twentieth Avenue Park.....	59.50	
		6,351.20

MAINTENANCE ACCOUNT.

	Amount.	Total.
STRUCTURES.		
To labor, lumber, paints, oils, hardware, fencing, benches, laboratory supplies and supplies used in the general maintenance of structures—		
Labor.....	\$10,126.65	
Material.....	6,030.68	
Reconstructing Beach Chalet—labor and material....	973.30	
Reconstructing Music Stand—continued from 1906-1907.....	752.25	
		\$17,882.88
TENNIS COURTS AND CLUB HOUSE.		
Labor.....	1,465.50	
Material, nets, etc.....	72.85	
		1,538.35
WATER WORKS.		
Labor.....	7,085.15	
Fuel oil.....	4,841.57	
Machine fittings and hardware.....	2,164.10	
Sawing wood for fuel—labor.....	1,716.65	
Machine oil.....	407.59	
Lumber.....	300.00	
Supplies—packing, etc.....	204.20	
		16,719.26
DRAINS.		
Labor.....	343.65	
		343.65
ROADS AND WALKS.		
To labor and material, repairing, cleaning, dressing, sprinkling and oiling roads and walks—		
Labor.....	5,947.91	
Great Highway.....	86.50	
Oil.....	942.91	
Powder, fuse, rock.....	165.10	
		7,142.42
GROUNDS.		
Labor.....	66,532.93	
Stadium—labor.....	2,929.65	
Seed, bulbs, poison, labels, etc.....	825.50	
Hose.....	417.23	
Stock and implements.....	7,722.93	
		78,428.24
FORESTS.		
Thinning and replanting.....	1,170.35	
		1,170.35
CONSERVATORY.		
Labor.....	4,291.25	
Coal.....	1,105.15	
Plants—flower pots, sheep dip, etc.....	606.47	
		6,002.87

PARK COMMISSIONERS

307

MAINTENANCE ACCOUNT.—Continued.

	Amount.	Total.
LIVE STOCK		
Labor.....	\$2,090.50	
Feed for birds and animals.....	5,570.69	\$7,661.19
MUSEUM.		
Labor.....	8,004.75	
Reconstruction—continued from 1906-1907— Labor, lumber, hardware, cement, paints and oils, show cases, etc.....	2,902.80	
Attorney's fees in Walter bequest.....	500.00	
Insurance on paintings.....	472.50	
Coal.....	441.30	
Stationery, supplies, rent of filter, etc.....	297.15	
Gas.....	108.25	
		12,726.75
SUNDRIES.		
Music.....	5,847.65	
General expenses—engrossed resolutions, special police stars, photographic views of Park, etc.....	658.74	
Freight and express.....	162.35	
Electric light.....	25.40	
		6,694.14
CHILDRENS' QUARTERS.		
Labor.....	9,382.55	
Supplies.....	9,346.02	
Furniture, carpets, curtains, etc.....	903.34	
Crockery, glassware.....	435.17	
Coal.....	430.10	
Linoleum for dairy.....	454.07	
Gas.....	293.20	
Feed and hay.....	292.00	
Cooler box and bottles.....	220.00	
Gas range and fittings.....	211.03	
Kitchen utensils.....	185.95	
Tickets.....	169.48	
Painting building.....	169.11	
Chairs and table for dairy.....	133.00	
Napkins, doyleys, towels.....	129.48	
Laundry.....	128.80	
Printing candy bags, menus, etc.....	105.50	
Repairs to Merry go Round.....	104.22	
Harness.....	56.63	
Signs.....	37.00	
General expense—hardware, stationery and inci- dentals, etc.....	194.75	
Expenses incurred by free May Day.....	1,209.79	
		24,591.19
BEACH CHALET.		
Labor.....	1,007.50	
Supplies.....	404.03	
Chairs, tables, etc.....	109.05	
Glassware, crockery, napkins.....	75.97	
Hardware, gas range, rent of filter, etc.....	97.60	
Gas.....	28.25	
		1,722.40
RECONSTRUCTION OF GROUND.		
Trees, shrubs, etc.....	4,310.00	
		4,310.00

MAINTENANCE ACCOUNT.—Continued.

	Amount.	Total.
SMALL PARKS AND SQUARES.		
Labor, water, hose, etc—		
Alamo.....	\$6,151.34	
Alta Plaza.....	5,487.24	
Buena Vista Park.....	900.75	
Bernal.....	202.28	
City Hall Grounds.....	1,341.00	
Convenience station, Union Square.....	1,452.40	
Convenience station, Washington Square.....	516.90	
City and County Hospital Grounds.....	817.25	
Duboce.....	2,990.15	
Garfield.....	1,410.89	
Hamilton.....	545.50	
Holly.....	371.00	
Jefferson.....	4,124.24	
Lafayette.....	2,602.10	
Mission.....	2,411.95	
Portsmouth.....	340.00	
Schools.....	1,012.00	
Union.....	1,819.05	
Washington.....	464.50	
Columbia.....	661.00	
Dolores.....	132.00	
Twentieth Avenue.....	15.00	
General Account.....	656.70	
Franklin.....	306.50	
		\$36,731.74
RECONSTRUCTION OF SQUARES.		
Labor, seeds, tools, implements, trees, shrubs, etc.—		
Hamilton.....	3,810.85	
Washington.....	2,283.62	
Jefferson.....	1,921.50	
Franklin.....	725.30	
Convenience station, Washington Square.....	717.70	
Lafayette.....	891.25	
Bernal.....	726.31	
Union.....	550.15	
Columbia.....	461.50	
Portsmouth.....	418.30	
		12,506.48

Public Administrator's Report

San Francisco, July 9, 1908.

To the Honorable, the Presiding Judge of the Superior Court of the State of California in and for the City and County of San Francisco, and to Honorable Edward R. Taylor, Mayor of the City and County of San Francisco:

M. J. Hynes, Public Administrator of the City and County of San Francisco, State of California, respectfully makes to the said Superior Court of the State of California, in and for the City and County of San Francisco, and to the Mayor of said City and County of San Francisco, under oath, this return of all estates of decedents which have come into his hands during the six months ending twelve o'clock noon, on the 8th day of July, A. D. 1908, pursuant to the provisions of Section 1736 of the Code of Civil Procedure of California, and of Section 9 of Article XVI of the Charter of the City and County of San Francisco, said report being as follows, to-wit:

Jan. 20 Ernest Herman Rohde.....	\$359.51	\$125.00	\$ 66.96	Money in Bank and not Withdrawn by Administrator..	Money on Deposit with First Federal and Mercantile Trust Companies..	Property Exclusive of Money in Hands of the Administrator.....
Jan. 24 Henry Barnhart.....	319.42	150.50	9.05		\$167.55	\$50.00
Jan. 27 E. A. Webster.....	141.79	100.00	35.84		595.00	
Jan. 27 Frank B. Neely.....	978.56	182.50	152.50		643.56	
Jan. 30 Philip Hinkle.....	203.90	100.00	44.54		59.36	
Jan. 30 Samuel A. Haskell.....	90.18	56.00	12.25	\$15.00	22.11	
Jan. 30 Yonataro Fukumoto.....	347.36		6.25		341.11	32.64
Jan. 30 Starr Jordan Horne.....	491.71	230.50	14.85	74.24	252.71	
Feb. 3 John P. Wilhoyte.....	1,003.28	539.15	158.51		305.62	
Feb. 3 George Prid.....	168.06	124.40	38.27		38.27	
Feb. 3 Edward Conroy.....	1,000.00		13.52	58.34		941.66
Feb. 3 George Lorman.....	265.64	110.00	13.25		142.39	
Feb. 3 Tom Pong Fong.....	432.04		26.00		406.04	
Feb. 5 Margaret O'Farrell, Special Letters.....	1,250.00		8.75	1,200.00		50.00
Feb. 5 Jane Daley, also called Jane Daly.....	5,000.00		1.50	5,000.00		
Feb. 6 John Lee.....	11,781.78		2,215.17		5,143.51	4,423.10
Feb. 6 John T. Grey.....	164,825.88		12.75	26,002.18	63,810.95	75,000.00
Feb. 8 Julian M. Pinto, Special Letters.....	5,561.36	197.85	19.80		5,343.71	
Feb. 10 Lou Yen Wah.....	593.20		1.00			
Feb. 10 John Esterley.....	311.80	70.00	98.60		424.60	
Feb. 10 Charles Cavanaugh.....	236.21	170.00	12.75		11.80	300.00
Feb. 10 Jean Pon.....	783.31		125.66		53.71	30.00
Feb. 10 William Miles.....	2,500.00		3.50	2,500.00	657.65	
Feb. 10 John McKenney, also called John McKinney.....	2,000.00		4.50	2,000.00		
Feb. 10 Marcella McMahon.....	200.00		12.42			200.00
Feb. 13 James Hampton.....	2,591.10		19.00		72.00	2,500.00
Feb. 17 Mary Murphy.....	3,824.93	301.70	32.16		1,601.07	1,800.00
Feb. 17 Patrick Griffin.....	7,096.19	215.00	9.30	3,626.51	3,245.38	
Feb. 20 Katherine Harkins.....	1,368.75		18.30			1,368.75

Feb. 20	Filip Spitzer.....	1,000.00	397.25	3.00	1,000.00	2,379.62	.....
Feb. 24	Emil Bacher.....	2,784.92		8.00			.....
Feb. 27	Margaret Mack, also called Maggie Mack.....	1,000.00	170.00	83.30			1,000.00
Feb. 27	Octave Jacques.....	1,036.85		8.65		858.20	.....
Feb. 27	Karl J. Liljedahl.....	570.00		2.50	570.00		.....
Feb. 27	Daniel McKay.....	1,377.70		11.75		1,365.95	.....
Mar. 5	Ellen McDonald.....	700.00		7.75			.....
Mar. 9	James Ryan.....			2.00	700.00		.....
Mar. 9	Eliza A. Pittsinger, Special Letters February 24.....	2,735.00	15.00	26.25		8.75	2,700.00
Mar. 11	Thomas Dorland Special Letters.....	1,261.70	294.50	1.00			750.00
Mar. 13	Honora Murphy.....	1,947.14	222.75	28.22	188.98		1,300.00
Mar. 16	Francis G. Pitts.....	84.86	20.00	13.50	410.89		
Mar. 16	M. Beyer.....	925.00		8.50	56.36		
Mar. 17	Catherine Quinn.....	1,836.95	86.95	8.00	67.00		850.00
Mar. 20	Blanche M. Gordon.....	16,947.34	88.00	13.25			1,750.00
Mar. 24	John Arrowsmith.....	700.00		18.00	70.00	16,947.34	
Mar. 25	Annie L. Bragdon.....	1,302.00		2.50			700.00
Mar. 25	Manuel Varvare, Special Let. Mar. 9.....	18,724.18	561.77	29.00	413.13		300.00
Mar. 25	Patrick Comisky, Special Let. Mar. 9.....	1,600.00	711.75	33.90	14,478.53		3,500.00
Mar. 25	Andrew Hose, Special Letters Mar. 12.....	710.75	233.20	24.75	1,102.05		250.00
Mar. 27	Peter Bruno Oury, also called Peter Bruno Ourey.....	15,890.08		19.25	691.50		
Mar. 27	Elizabeth Shaw.....	13,263.19		47.10	13,217.98		2,625.00
Mar. 27	Minnie A. Taylor, also called M. A. Taylor.....	129,657.24	2,451.36	70.50	3,408.48		123,726.90
Mar. 27	Eliza Stoddard.....	4,000.00		1.00			4,000.00
Mar. 30	Lum Mow.....	424.69	135.00	1.50			
Mar. 31	J. W. Cowan.....	1,075.72		14.50	275.19		
Mar. 31	Michael J. Deehan.....	1,000.00		2.50		1,075.72	
April 3	Jacob Svitark.....	402.00		4.50		1,000.00	
April 6	Bertha E. Forrester.....	425.00		6.50	395.50		23.00
April 8	Edward Keegan.....	4,847.13	105.00	9.50	4,732.63		
April 8	Louis J. Seebein.....	1,100.00	516.20	11.75	244.76		327.29
April 13	Elaine A. Baldwin, also known as E. A. Baldwin.....	1,374.50		7.00	1,367.50		
April 13	James Burke.....	364.00	3.00	1.50	3.00	361.00	
April 13	Justus T. Morris.....	80.00		6.50	73.50		
April 13	Marie G. Lewis.....	750.00		3.00			750.00
April 23	Hector M. McDonald.....	1,470.00		11.40		1,470.00	
April 30	John J. O'Hara.....	156.00	98.00	7.00	51.00		
April 22	Joseph D. Ordish, also called J. D. Ordish.....	2,884.06		10.50	1,873.56	200.00	750.00
May 5	William Marlow.....	1,563.58	713.58	75.30	683.88	750.00	100.00

	Approximate Value as Far as Ascertained.....	Money which has Come into the Hands of the Administrator.....	Funeral Expenses, Debts, etc.....	Fees and Expenses Paid by Administrator.....	Money in Bank and not Withdrawn by Administrator..	Money on Deposit with First Federal and Mercantile Trust Companies..	Property Exclusive of Money in Hands of the Administrator.....
5 May	Noah Clark.....	80.12		7.00	73.12		
5 May	Herman Rosenfeld.....	250.00	42.00	2.50	194.10	13.9*	
5 May	William Bodfish.....	690.52	280.00	9.00	401.52		
5 May	Henry Macseamen, also called Henry Marksamen.....	381.92	162.00	7.00	212.92	800.00	1,500.00
5 May	Jessie F. Dietsch.....	2,594.28	230.00	17.00	57.28	250.00	
5 May	Johanna Stringer, also called Johanna Shaunessy.....	250.00		1.50			
11 May	Catherine Chandler.....	1,000.00		1.00			1,000.00
11 May	Mary L. Sheldon.....	1,000.00		1.50	1,000.00		
11 May	Ann Gilfeather.....	2,000.00		5.75	1,400.00		600.00
11 May	John Farrelly.....	1,500.00		1.00			1,500.00
11 May	Frank T. Miller.....	600.00		1.50	600.00		
11 May	Robert Coulson.....	73.50		3.50		70.00	
18 May	James McGuirk.....			1.00			
18 May	Frank Cullen.....	1,500.00		16.00			1,600.00
18 May	George Frederic Whippey.....	470.00		28.25	400.00	50.00	
27 May	Louis Gugenheim.....	680.00		1.50	680.00		
22 May	Ludwig Altschul.....	235.70		3.50	200.00	37.50	
26 May	Theophile Adelaide de St. Germain Special Letters.....	100,000.00		6.25			
2 June	Robert Patterson.....	12,108.16		2.50	12,108.16		100,000.00
2 June	John Ryan.....	656.58		2.00		656.58	
2 June	Ann G. F. Bartet, also called Annette F. Bartet.....			3.00			
2 June	Charles Tear.....	1,800.00		6.25			
2 June	Daniel Eisner.....	5,150.80		1.50	1,800.00		
8 June	Frank Brunskaal.....	200.00		9.25	141.55	141.55	5,000.00
8 June	Kostas Katsolaris.....	105.70		1.50	200.00		
8 June	Fred Schlegel.....	150.00		2.50	150.00	103.20	
				1.50			

June 8	John Silvia.....	1,427.20	1,427.20	1.50	900.00	1,425.70	
June 12	Alexis Gerbaz.....	900.00		1.50	850.00		
June 15	Mary M. Cantwell.....	850.00		1.50	150.00		600.00
June 15	Runhard Happich.....	750.00		1.50	140.00		
June 15	Thomas Rodeford.....	140.00		1.00			
June 18	Herbert Talbot.....			1.50	200.00		
June 23	Evelyn Graney.....	200.00		1.50			
June 23	David Nelson.....						
June 23	Elizabeth Spatz, also called Elizabeth Doepke.....	750.00		1.00			750.00
June 29	Charles N. Bally.....	750.00		1.00	220.00		750.00
June 29	N. M. Nelson.....	250.00		1.00	500.00		30.00
June 30	Michael Brennan.....	500.00		1.50			
		\$580,178.21	\$147,778.74	\$4,004.82	\$87,253.94	\$134,700.33	\$345,518.34

State of California, }
 City and County of San Francisco, } ss.

M. J. Hynes, being first duly sworn, says: That he now is, and ever since the 8th day of January, 1908, at twelve o'clock noon, on said day, has been the duly elected, commissioned, qualified and acting Public Administrator of the City and County of San Francisco, State of California; and that the foregoing report and return contains, and is a full, true and correct report, return and account of all estates of decedents, which have come into his hands for the six months ending at twelve o'clock noon on the 8th day of July, 1908, and that the value of each estate, the money which has come into his hands from each of said estates and what he had done with the same, and the expenses incurred in each of said estates and the balance of money remaining in his hands, if any, in each of said estates, is correctly set forth in said foregoing return and report. That affiant is not, and was not during any of the times mentioned in said return and report, or at any other time, interested in the expenditures of any kind made on account of any estate which he administers, or of which he is the administrator, or which has come into his possession or under his charge, nor is he associated in business or otherwise with anyone who is so interested.

M. J. HYNES,

Subscribed and sworn to before me on this 8th day of July, 1908.

J. H. KERRIGAN,

Notary Public in and for the City and County of San Francisco, State of California.

District Attorney's Report

San Francisco, July 22, 1908.

To the Hon. Edward R. Taylor,
Mayor, City and County of San Francisco.

Sir: I have the honor to submit herewith the report of the District Attorney's Office of this City and County for the fiscal year ending June 30, 1908.

Respectfully,

W. H. LANGDON,
District Attorney.

Felony—Under Section 563 Penal Code.....																	2
Felony—Under Section 564 Penal Code.....	1																1
Felony—Under Section 593 Penal Code.....	18																2
Felony—Under Section 601 Penal Code.....	28																24
Forgery.....																	60
Grand Larceny.....		6															4
Infamous crime against nature.....																	4
Kidnapping.....																	4
Lewd and lascivious act against minor.....	1																3
Libel.....																	3
Manslaughter.....																	3
Murder.....	3																6
Obtaining money by false pretenses.....					1												8
Passing fictitious check.....	4																19
Perjury.....																	8
Petit Larceny—with previous conviction.....	1																7
Rape.....	3																5
Receiving stolen property.....	2																1
Robbery.....	13																11
Subornation of perjury.....						22											6
																	56
																	2
	207	30	14	30	86	2	1	14	8	13	3	26	457	3	1	865	

WRITS OF HABEAS CORPUS.

Writs pending July 1, 1907.....	5	
Writs issued 1907-1908.....	79	
Writs discharged and prisoner remanded.....		35
Writs granted and prisoner discharged.....		23
Writs dismissed—Prisoner admitted to bail.....		3
Writs dismissed—Motion petitioner.....		8
Writs dismissed on motion of court.....		9
Writs dismissed for lack of prosecution by petitioner.....		2
Writs pending June 30, 1908.....		4
Total.....	84	84

APPEALS FROM POLICE COURT.

Appeals pending July 1, 1908.....	1	
Appeals filed during year 1907-1908.....	11	
Appeals affirmed.....		5
Appeals reversed.....		3
Appeal affirmed—Judgment modified.....		1
Appeals pending June 30, 1908.....		3
Total.....	12	12

Fire Commissioners' Report.

Headquarters Fire Department,
Office Board of Fire Commissioners, 64 Eddy Street.
San Francisco, Cal., July 1, 1908.

To the Hon. E. R. Taylor,
Mayor of the City and County of San Francisco.

Dear Sir:—In compliance with Section 9 of Article XVI of the Charter of the City and County of San Francisco, the Board of Fire Commissioners herewith presents and submits its annual report for the fiscal year ending June 30, 1908, containing a statement of the expenditures of the department and also the report of the Chief Engineer, showing the condition of the Department.

ORGANIZATION.

The Department, as now constituted, consists of a Board of Fire Commissioners of four members, a Secretary, a Chief Engineer, one First Assistant Chief Engineer, one Second Assistant Chief Engineer, twelve Battalion Chiefs, thirty-nine engine companies ten hook-and-ladder truck companies, eight chemical engine companies, one water tower company, two monitor batteries, four relief engine companies and employees of the corporation yard and department stables, numbering in all 604 men, of which number 563 constitute the present uniform force of the Department.

BOARD OF FIRE COMMISSIONERS.

H. M. WREDEN.....	Term expires January 8 1909
W. H. McCARTHY (President).....	Term expires January 8, 1910
W. P. DELANY.....	Term expires January 8, 1911
BERNARD FAYMONVILLE.....	Term expires January 8, 1912

J. W. McCARTHY, Secretary of Board.

DETAILS OF ORGANIZATION.

(Salaries fixed by Charter.)

No.	Position.	Salary Per annum.
4	Commissioners, each	\$1,200.00
1	Secretary	2,400.00
1	Chief Engineer	4,000.00
1	First Assistant Chief Engineer	3,000.00
1	Second Assistant Chief Engineer	2,400.00
12	Battalion Chiefs, each.....	2,100.00
39	Captains of engine companies, each.....	1,440.00
39	Lieutenants of engine companies, each.....	1,200.00
39	Engineers of engine companies, each.....	1,350.00
39	Drivers of engine companies, each.....	1,200.00
39	Stokers of engine companies, each.....	1,200.00
195	Hosemen of engine companies, each.....	1,200.00
3	Captains of relief engine companies, each.....	1,440.00
4	Lieutenants of relief engine companies, each.....	1,200.00
14	Hosemen of relief engine companies, each.....	1,200.00
10	Captains of hook and ladder truck companies, each.....	1,440.00
10	Lieutenants of hook and ladder truck companies, each	1,200.00
10	Drivers of hook and ladder truck companies, each	1,200.00
10	Tillermen of hook and ladder truck companies, each.....	1,200.00
80	Truckmen of hook and ladder truck companies, each.....	1,200.00
8	Captains of chemical engine companies, each	1,440.00
8	Lieutenants of chemical engine companies, each	1,200.00
8	Drivers of chemical engine companies, each	1,200.00
8	Hosemen of chemical engine companies, each	1,200.00
1	Captain of water tower company	1,440.00
1	Driver of water tower company	1,200.00
1	Hoseman of water tower company	1,200.00
2	Drivers of monitor batteries, each	1,200.00
1	Superintendent of Engines	1,800.00
1	Clerk and Commissary	1,500.00
1	Superintendent of Horses	1,200.00

Under the provisions of the Charter, drivers, stokers, tillermen, hosemen and truckmen receive \$960 per annum for the first year's service, \$1,080 for the second year and \$1,200 for the third year and thereafter.

FIRE COMMISSIONERS

323

APPROPRIATION AND EXPENDITURE.

Total Appropriation.....			\$900,000.00
Salaries—			
Uniform force.....	\$661,593.91		
Office.....	7,073.35		
Stables.....	9,315.00		
Hydrantmen.....	1,065.00		
Corporation Yard.....	25,024.65		
Harness Shop.....	3,566.65		
Paint Shop.....	3,588.30		
Substitutes for injured members.....	3,669.75		
		\$714,896.61	
Material, Supplies and Maintenance—			
Apparatus (new).....	\$33,666.81		
Forage.....	43,071.16		
Fuel.....	14,214.42		
Furniture.....	1,532.85		
Garbage removal.....	3,900.00		
Harness and repairs.....	2,654.49		
Horses.....	11,885.00		
Horseshoeing.....	8,645.50		
Hose.....	19,947.50		
Hydrants.....	13,782.70		
Material (Corporation Yard).....	15,150.96		
Office.....	317.40		
Paint Shop.....	1,198.20		
Power.....	136.50		
Rent.....	3,900.00		
Stables.....	416.62		
Supplies (House).....	10,655.80		
		185,075.91	
Total expenditures.....			899,972.52
Surplus remaining.....			27.48

PERSONS, FIRMS AND CORPORATIONS DOING BUSINESS WITH THE
FIRE DEPARTMENT DURING THE FISCAL YEAR, 1907-1908.

Alexander-Yost Co.....	\$ 25.89
American La France Fire Engine Co.....	19,058.25
Ames, Harris, Neville Co.....	28.80
Atlas Brass Works.....	13.30
Baldwin, O. D.....	6.90
Bauer Lamp Reflector & Electric Sign Co.....	1,040.35
Bennett Bros.....	263.60
Bennett, E. W. & Co.....	174.96
Bernhard Mattress Co.....	631.02
Betts Spring Co.....	475.60
Boesch Lamp Co.....	63.00
Boswell, W. C.....	200.00
Bowers Rubber Works.....	20,304.14
Brown & Power Co.....	583.11
Bunster & Saxe Co.....	137.50
California Saw Works.....	30.40
Chanslor & Lyon Motor Supply Co.....	197.31
Chapman, R. S.....	1,231.28
Chase, W. W. Co.....	6,429.37
Cluff, Wm. Co.....	23.25
Continental Salt Co.....	25.00
Crane Co.....	14.95
Dallam, F. B.....	23.70
Dalzeil-Moller Co.....	275.35
Davis, W. & Son.....	40.00
Degan, L. P. Co.....	4.40
De Lano Bros.....	10.00
De Martini, Paul.....	3,900.00
Doble, Abner Co.....	18.59
Dolliver Bros.....	10.00
Dunham, Carrigan & Hayden Co.....	84.32
Dyer Bros.....	3.64
Eagle Tannery.....	128.88
Eaton, Geo. R.....	3,100.82
Edwards, Wm. & Co.....	216.78
Elkington, J. E. & Sons.....	31.16
Eureka Boiler Works.....	20.00
Fairbanks-Morse Co.....	20.00
Feldmann, W. H.....	403.45
Fisk Rubber Co.....	203.10
Fonnesbeck, J. J.....	2,648.60
Franks, S. H. & Co.....	206.79
Fredericks, Jos. & Co.....	255.25
Fuller, W. P. & Co.....	754.35
Fulton Iron Works.....	1,727.72
Garratt, W. T. & Co.....	1,259.56
Gas & Electric Appliance Co.....	82.71
Garlock Packing Co.....	135.00
Goecken, H. B. & Co.....	36.00
Goetz, Herman.....	56.88
Goodyear Rubber Co.....	179.95
Graney, E. M.....	8,645.50
Greenberg's, M. Sons.....	5,558.72

FIRE COMMISSIONERS

325

Guarantee Battery Co.....	2.00
Guilfoy Cornice Works.....	25.00
Guinasso & Arata.....	250.00
Haines Motor Car Co.....	3,123.00
Haas Bros.....	27.20
Haas Woodworking Co.....	32.00
Hecenroth, L. C.....	200.00
Holbrook, Merrill & Stetson.....	238.00
Hotter, J. F.....	242.00
Howard, E. A. & Co.....	61.74
Howe Scale Co.....	3.00
Hulse-Bradford Co.....	44.83
Hunter, John.....	714.55
Irvine, Wirth & Jachens.....	457.70
Jacobs, Jas. A.....	1,251.12
Jacobson Saddlery Co.....	105.00
Johns-Mannville, H. W. Co.....	198.25
Johnson, F. S.....	12.00
Keaton Vulcanizing Works.....	10.00
Kern County Ranch.....	1,750.00
Keyston Bros.....	574.75
King Keystone Oil Co.....	55.60
Kingwell, V.....	201.00
Klatt-Hirsch Co.....	54.00
Kohler & Chase.....	6.20
Kruse, J. H.....	80.00
Ladd, L. M.....	825.00
Langley & Michaels Co.....	460.61
Levy, Jos.....	3,675.00
Lindauer, G.....	1,025.00
Lynch & Hennessy.....	520.06
Main, Winchester, Stone Co.....	702.25
Manhattan Food Co.....	64.00
Marshall-Newell Supply Co.....	2,445.97
Marwedell, C. W.....	157.51
Middleton Motor Car Co.....	4.50
Miller, W. A. Co.....	1,120.60
Mitchell, Thos. F.....	1,200.00
Montague, W. W. Co.....	27.00
Moore, Geo. P. Co.....	82.01
Moore & Scott Iron Works.....	3,559.70
Morton, Thos. & Son.....	13,289.95
Mullany, M.....	321.62
Murasky, W. F.....	301.75
Myers, L. A. Co.....	90.00
McColgan, C. J.....	41.25
Nagle, H. M.....	96.00
Nathan & Sons.....	300.00
Nathan-Dohrmann Co.....	174.60
New Era Paint & Varnish Co.....	45.00
O'Keefe, J. & Co.....	78.75
Pacific Coast Rubber Co.....	375.00
Pacific Tool & Supply Co.....	236.97
Patrick & Co.....	325.00
Pope & Talbot.....	27.31
Prest-O-Lite Co.....	13.50
Reese Waterproof Mfg. Co.....	88.96

Redington & Co.....	729.76
Rischmuller, G.....	22.00
Robinson Fire Apparatus Mfg. Co.....	7,900.00
San Francisco Vulcanizing Works.....	1.00
Saunders & Co's Copper Works.....	38.25
Schmidt, Johann.....	227.50
Schouten, J. W. & Co.....	188.23
Schussler Bros.....	120.00
Scott & Magner.....	10,613.73
Seagrave Co.....	3,658.56
Seiler, Paul Electric Co.....	50.00
Server-French Auto Machine Co.....	146.01
Shurbe, Antonia.....	175.00
Simmonds Mfg. Co.....	9.00
Simpson & Fisher.....	80.00
Sloane, W. & J.....	290.10
Snook, Jas. A. & Co.....	17,216.33
Somers & Co.....	198.78
Splitdorf, H. F.....	6.00
Spring Valley Water Co.....	5,225.00
Steel, Thos. J.....	725.00
Stevens & Elkington Rubber Co.....	146.80
Stewart, E. & Co.....	2,510.00
Studebaker Bros. Co.....	64.85
Sunset Plating Co.....	2.50
Squires & Byrne.....	167.63
Tay, Geo. H. Co.....	34.14
Taylor & Spotswood Co.....	1,125.92
Thieben, Jos. Co.....	600.00
Todt & Peters.....	92.00
United Railroads of San Francisco.....	136.50
U. S. Metallic Tubing Co.....	121.95
Union Iron Works.....	30.30
Union Machine Co.....	72.00
Union Oil Co.....	612.43
Valvoline Oil Co.....	138.77
Van Zandt & McIntyre.....	56.32
Vermeil, J. L.....	727.50
Wagner Leather Co.....	460.43
Waterhouse & Lester.....	116.07
Webb, Frank R.....	250.00
Weeks, Howe, Emerson Co.....	558.89
Western Distributing Co.....	26.00
Western National Bank.....	120.00
Western Paint Oil & Glass Co.....	485.30
Wilmerding School of Industrial Arts.....	2,100.00
Wolf & Isenbruck.....	7.00
Wulzen, J. F. & Co.....	4,201.55
Yates & Co.....	97.80

\$185,075.91

Chief Engineer's Report.

Headquarters Fire Department,
San Francisco, Cal., July 1, 1908.

Gentlemen:

I respectfully beg leave to present to you my annual report, together with such recommendations as in my judgment I deem necessary and proper to promote the efficiency of the Department.

FIRES.

During the year the Department responded to 923 alarms of fire received from street and automatic boxes, of which 869 were first alarms, forty-seven second alarms, and seven third alarms. The Department also responded to 223 silent alarms during the year, received verbally and by telephone, making a total of 1,146 alarms of fire responded to.

LOSSES BY FIRE, INSURANCE AND AMOUNT PAID.

MONTH.	Loss.	Insurance.	Insurance Paid.
1907.			
July.....	\$ 38,373.56	\$ 127,120.00	\$ 23,247.56
August.....	112,593.30	219,919.14	73,906.59
September.....	204,399.37	295,585.00	158,660.18
October.....	51,989.82	315,850.00	43,706.12
November.....	29,372.10	207,775.00	21,943.03
December.....	315,842.42	428,660.00	191,807.49
1908.			
January.....	31,762.12	230,633.45	27,497.12
February.....	100,023.89	394,250.00	97,192.91
March.....	141,098.92	472,849.00	90,937.24
April.....	87,855.05	389,189.66	51,658.05
May.....	175,486.49	394,500.00	153,321.01
*June.....	90,408.20	504,718.00	87,061.71
Totals.....	\$1,379,205.24	\$3,981,049.25	\$1,020,939.01

APPARATUS.

The following apparatus is in good condition and in regular service in the Department: Thirty-seven steam fire engines, thirty-eight hose wagons, nine hook-and-ladder trucks, seven chemical engines, two monitor batteries, one water tower, fifteen officers' buggies, one automobile, forty hand fire extinguishers and 70,000 feet of cotton fire hose.

In addition to the above there is also the following apparatus and vehicles for relief, emergency and other purposes: Eleven steam fire engines, eight hose wagons, one water tower, one monitor battery, three hook-and-ladder trucks, one hose carriage, eight officers' buggies, seven hydrant carts, ten delivery wagons, one delivery truck, one hay wagon, one oil wagon, one sand wagon and one automobile.

NEW APPARATUS.

During the year the following new apparatus was acquired by the Department: Two second size and one third size Metropolitan steam fire engines and one Seagrave hook-and-ladder truck.

The following new hose was also purchased during the year:

- 20,000 feet of 2¾-inch cotton hose.
- 2,550 feet of 2½-inch cotton hose.
- 2,000 feet of 1-inch rubber chemical hose.

*Incomplete.

HYDRANTS.

During the year ninety-eight new hydrants were set, forty-five reset and twenty-two removed, making a total of 4,110 fresh water and twenty-eight salt water hydrants in service and 268 still temporarily out of service.

HOUSES.

During the past year two new houses have been built, one at Sixteenth street and Albion avenue to house Engine Co. No. 7, and a new Chemical Company, and the other at Green and Leavenworth streets, to house Engine company No. 31, the apparatus of which latter company has been out of service since July, 1906.

The fourteen temporary houses built during the previous year, to replace those destroyed by the conflagration of April, 1906, have been sheathed on the inside and painted on the outside, and the quarters of Engine Co. No. 19, on Waller Street, near Octavia, has been improved by building a dormitory above the main floor.

DEPARTMENT STABLES.

There are at present in the Department 330 horses, including those kept for relief purposes, and with the exception of fifteen that are at present under treatment at the Department hospital, they are all in fairly good condition.

During the year forty-eight horses were purchased and thirty-three were condemned as unfit for further service in the Department, of which number fourteen were sold at public auction, thirteen transferred to the Sheriff, four to the Almshouse and two to the Smallpox Hospital. Seven horses and one colt died during the year, of which two were shot on account of broken legs, one died from old age, and four from diseases while under treatment at the Department hospital. Horses were treated during the year 620 times by the veterinary surgeon for different ailments, either at the hospital or the engine houses of the Department.

MEMBERS RETIRED ON PENSION.

The following members of the Department were retired from active service on pension during the year on account of disability, old age, or full service in the Department:

T. M. Fernandez, Battalion Chief, retired July 3, 1907.

Thomas Barry, Stoker Engine Co. 13, retired August 2, 1907.

John Riley, Hoseman Relief Engine Co. No. 1, retired August 30, 1907.

J. M. Rojas, Hoseman Engine Co. No. 7, retired November 8, 1907.

John Doyle, Captain Relief Engine Co. No. 4, retired December 20, 1907.

William F. Tracey, Hoseman Engine Co. No. 37, retired February 28, 1908.

DIED.

The following named members of the Department died during the year:

William De Long, Driver Engine Co. No. 6, October 5, 1907, of injuries received from an accident while off duty.

Luke P. Curry, Hoseman Relief Engine Co. No. 2, December 30, 1907, of apoplexy.

James Tuite, Hoseman Engine Co. No. 9, January 23, 1908, of stomach trouble.

RECOMMENDATIONS.

I would recommend that houses be erected for Engine Companies Nos. 1 and 2, which are still out of service; also for Truck Co. No. 1 on O'Farrell street near Grant avenue, and that said company be then moved from its present quarters on Howard street near Third, and the Water Tower Company, now temporarily stationed at the Department Stables be moved to the quarters so vacated.

I would also recommend the erection of houses for a new engine company at Ashbury and Carmel streets, for which a lot has just been purchased. Also for a new Truck Company at Sacramento and Maple streets, for which a lot was secured some time ago; also for a new engine company at Leavenworth and Clay streets on a lot to be purchased in that vicinity. Also for chemical companies, each to be equipped with a combination chemical and hose wagon, at the following locations: One on Twenty-second street near Noe, for which a lot has been purchased; one on San Bruno avenue near Mansell, and one at Kearny and Union streets.

I would also recommend that an addition be built to the quarters of Truck Co. No. 7, in order to make room for the hose wagon of Engine Co. No. 10, which is now quartered under the drill tower. I would also recommend that an additional truck company be established in the vicinity of Engine Co. No. 18, as Truck Co. No. 9, located on Utah street, near Twenty-fifth, has to cover too large a territory in view of the rapid growth of the southern part of the city since the earthquake.

I would further recommend that the complete reconstruction of the fire alarm system with underground construction in all parts of the city covered by the conduits of the telephone companies, which the Municipality has the right to use, and the installation of an entirely new equipment for the central fire alarm office and the substitution of keyless door boxes for all key boxes now in service, and the addition of 150 boxes in order to complete the restoration of boxes in the burned district, as well as to cover districts which have been developed since the earthquake. I would also recommend the immediate establishment of the joker system of signalling between the Fire Alarm Office and the various houses of the department by means of which every engine house would be in constant touch with the central office and the movements of every company would be directed and controlled by said office.

I am pleased to see that the people have authorized a bond issue of \$5,200,000 for a high pressure water system for fire protection, as well as the construction of one hundred cisterns and two fire boats. The determination of the Board of Supervisors to hasten the sale of the bonds and the preparation of plans, in order that actual construction may be begun at the earliest possible moment, is to be commended; but as at best the consummation of the project will require several years, I would urge that the construction of the two fire boats and the cisterns be first carried through, which may be done in six or eight months' time. There can be no doubt that with two efficient fire boats and an adequate number of cisterns the destruction of untold millions of property would have been prevented two years ago.

I would also recommend that the purchase of three new steam fire engines, one aerial truck, one automobile, one double sixty gallon chemical, four hose wagons, one tire setter and 10,000 feet of hose.

Provisions should also be made for the erection of a new Corporation Yard and Repair Shop, the occupation of the Lick-Wilmerding School for that purpose being purely temporary and far from satisfactory.

In conclusion I desire to extend my sincere thanks to your Honorable Board for the active and untiring interest manifest by you in all matters pertaining to the efficiency and advancement of the Department. I also desire to express my thanks to the officers and members of the Department for the commendable manner in which they have performed their required duties therein.

To the Chief of Police and members of the force, to Fire Marshall Towe and Captain Comstock of the Underwriters' Fire Patrol, and to Chief Hewitt of the Department of Electricity, I also desire to extend my thanks in appreciation of the valuable assistance given the Department whenever required.

Respectfully submitted,

P. H. SHAUGHNESSY,

Chief Engineer, S. F. F. D.

STATEMENT OF THE KIND OF APPARATUS, CLASS, NUMBER OF MEN
EACH COMPANY FOR THE FISCAL

COMPANY AND KIND OF APPARATUS.		Class of Apparatus.	Number of Men in Company	Number of Horses in Company
Engine Co. No. 3	—Clapp & Jones, double	Second	10	5
Engine Co. No. 4	—Metropolitan, double	First	10	5
Engine Co. No. 5	—Clapp & Jones, double	First	10	5
Engine Co. No. 6	—Clapp & Jones, double	First	10	5
Engine Co. No. 7	—La France, double	Second	10	5
Engine Co. No. 8	—Metropolitan, double	Third	10	5
Engine Co. No. 9	—La France, double	First	10	5
Engine Co. No. 10	—Metropolitan, double	Second	10	5
Engine Co. No. 11	—Amoskeag, double	Second	10	5
Engine Co. No. 12	—Metropolitan, double	First	10	5
Engine Co. No. 13	—Amoskeag, double	Second	10	5
Engine Co. No. 14	—Clapp & Jones, double	Second	10	5
Engine Co. No. 15	—Clapp & Jones, double	Second	10	5
Engine Co. No. 16	—Amoskeag, double	Second	10	5
Engine Co. No. 17	—American, double	First	10	5
Engine Co. No. 18	—La France, double	Third	10	5
Engine Co. No. 19	—Metropolitan, double	Second	10	5
Engine Co. No. 20	—Clapp & Jones, double	Second	10	5
Engine Co. No. 21	—Clapp & Jones, double	Third	10	5
Engine Co. No. 22	—La France, double	Fourth	10	5
Engine Co. No. 23	—Metropolitan, double	Third	10	5
Engine Co. No. 24	—La France, double	Fourth	10	5
Engine Co. No. 25	—Clapp & Jones, double	Second	10	5
Engine Co. No. 26	—La France, double	Third	10	5
Engine Co. No. 27	—Clapp & Jones, double	Second	10	5
Engine Co. No. 28	—Clapp & Jones, double	Second	10	5
Engine Co. No. 29	—Metropolitan, double	Second	10	5
Engine Co. No. 30	—Clapp & Jones, double	Third	10	5
Engine Co. No. 31	—Metropolitan, double	Third	10	5
Engine Co. No. 32	—La France, double	Fourth	10	5
Engine Co. No. 33	—La France, double	Fourth	10	5
Engine Co. No. 34	—Metropolitan, double	Second	10	5
Engine Co. No. 35	—La France, double	First	10	5
Engine Co. No. 36	—La France, double	Fourth	10	5
Engine Co. No. 37	—La France, double	Third	10	5
Engine Co. No. 38	—La France, double	Fourth	10	5
Engine Co. No. 39	—Metropolitan, double	Third	10	5
Truck Co. No. 1	—Seagrave, trussed	First	12	3
Truck Co. No. 2	—Trussed frame	First	12	3
Truck Co. No. 3	—Trussed frame	First	12	3
Truck Co. No. 4	—Rumsey, trussed	First	12	3
Truck Co. No. 5	—Rumsey, trussed	First	12	3
Truck Co. No. 6	—Straight frame	Third	12	3
Truck Co. No. 7	—Straight frame	First	12	3
Truck Co. No. 8	—Trussed frame	First	12	3
Truck Co. No. 9	—Straight frame	Second	12	3
Chemical Co. No. 1	—Champion, double, 80-gallon	First	4	2
Chemical Co. No. 2	—Champion, double, 60-gallon	First	4	2
Chemical Co. No. 3	—Champion, double, 80-gallon	First	4	2
Chemical Co. No. 4	—Champion, double, 60-gallon	First	4	2
Chemical Co. No. 5	—Champion, double, 60-gallon	First	4	2
Chemical Co. No. 6	—Champion, double, 60-gallon	First	4	2
Chemical Co. No. 7	—Hose wagon	Second	4	2
Chemical Co. No. 8	—Champion, double 100-gallon	First	4	2
Water Tower Co. No. 1	—Gorter Tower	First	3	4
Monitor Battery No. 1	—Gorter Battery	First	1	1
Monitor Battery No. 2	—Gorter Battery	First	1	1

NOTE.—The apparatus of the following companies has not been in service

AND HORSES, ALARMS RESPONDED TO AND DUTY PERFORMED BY YEAR ENDING JUNE 30, 1908.

Kind.	Amount and Sizes.	HOSE.		Number of Bell Alarms Responded to	Number of Still Alarms Responded to	Number of Fires Performed Duty at	Worked Time	
							Hours.....	Minutes.....
Cotton.....	100 ft. 3-in., 1,400 ft. 2 3/4 in., 250 ft. 1 1/2 in.,	78	2	19	38	.....	.....
Cotton.....	1,500 ft. 2 3/4 in., 250 ft. 1 1/2 in.,	129	2	33	60	.....	26
Cotton.....	150 ft. 3-in., 1,400 ft. 2 3/4 in., 250 ft. 1 1/2 in.,	100	2	26	47	.....	.....
Cotton.....	50 ft. 3-in., 1,450 ft. 2 3/4 in., 250 ft. 1 1/2 in.,	77	1	30	48	.....	.....
Cotton.....	50 ft. 3-in., 1,550 ft. 2 3/4 in., 250 ft. 1 1/2 in.,	102	7	51	42	.....	50
Cotton.....	200 ft. 3-in., 1,300 ft. 2 3/4 in., 250 ft. 1 1/2 in.,	87	6	23	37	.....	10
Cotton.....	1,500 ft. 2 3/4 in., 250 ft. 1 1/2 in.,	51	12	28	56	.....	20
Cotton.....	1,450 ft. 2 3/4 in., 250 ft. 1 1/2 in.,	133	2	47	71	.....	25
Cotton.....	1,700 ft. 2 3/4 in., 250 ft. 1 1/2 in.,	35	9	29	37	.....	18
Cotton.....	1,400 ft. 2 3/4 in., 250 ft. 1 1/2 in.,	120	12	57	60	.....	5
Cotton.....	1,600 ft. 2 3/4 in., 250 ft. 1 1/2 in.,	70	5	32	30	.....	.....
Cotton.....	1,500 ft. 2 3/4 in., 250 ft. 1 1/2 in.,	100	13	28	42	.....	5
Cotton.....	100 ft. 3-in., 1,400 ft. 2 3/4 in., 250 ft. 1 1/2 in.,	93	9	19	26	.....	15
Cotton.....	1,600 ft. 2 3/4 in., 250 ft. 1 1/2 in.,	39	3	12	26	.....	45
Cotton.....	1,500 ft. 2 3/4 in., 250 ft. 1 1/2 in.,	103	10	44	63	.....	35
Cotton.....	1,400 ft. 2 3/4 in., 250 ft. 1 1/2 in.,	55	5	25	33	.....	20
Cotton.....	1,500 ft. 2 3/4 in., 250 ft. 1 1/2 in.,	109	10	34	60	.....	5
Cotton.....	100 ft. 3-in., 1,700 ft. 2 3/4 in., 250 ft. 1 1/2 in.,	60	15	11	19	.....	55
Cotton.....	1,400 ft. 2 3/4 in., 250 ft. 1 1/2 in.,	74	12	23	23	.....	.....
Cotton.....	100 ft. 3-in., 1,400 ft. 2 3/4 in., 250 ft. 1 1/2 in.,	22	4	11	24	.....	5
Cotton.....	1,500 ft. 2 3/4 in., 250 ft. 1 1/2 in.,	98	17	25	31	.....	10
Cotton.....	1,600 ft. 2 3/4 in., 250 ft. 1 1/2 in.,	28	1	15	35	.....	.....
Cotton.....	1,500 ft. 2 3/4 in., 250 ft. 1 1/2 in.,	83	3	29	36	.....	15
Cotton.....	150 ft. 3-in., 1,350 ft. 2 3/4 in., 250 ft. 1 1/2 in.,	51	6	27	40	.....	30
Cotton.....	1,500 ft. 2 3/4 in., 250 ft. 1 1/2 in.,	75	8	23	25	.....	40
Cotton.....	1,550 ft. 2 3/4 in., 250 ft. 1 1/2 in.,	76	2	21	29	.....	10
Cotton.....	1,450 ft. 2 3/4 in., 250 ft. 1 1/2 in.,	89	11	40	91	.....	5
Cotton.....	250 ft. 3-in., 1,150 ft. 2 3/4 in., 250 ft. 1 1/2 in.,	34	9	11	20	.....	30
Cotton.....	1,500 ft. 2 3/4 in., 250 ft. 1 1/2 in.,	7	.....	1	15	.....	.....
Cotton.....	50 ft. 3-in., 1,550 ft. 2 3/4 in., 250 ft. 1 1/2 in.,	46	4	22	42	.....	15
Cotton.....	1,700 ft. 2 3/4 in., 250 ft. 1 1/2 in.,	9	2	8	13	.....	45
Cotton.....	1,400 ft. 2 3/4 in., 250 ft. 1 1/2 in.,	133	10	33	76	.....	15
Cotton.....	1,500 ft. 2 3/4 in., 250 ft. 1 1/2 in.,	102	1	22	42	.....	20
Cotton.....	50 ft. 3-in., 2,400 ft. 2 3/4 in., 250 ft. 1 1/2 in.,	44	9	13	38	.....	35
Cotton.....	1,400 ft. 2 3/4 in., 250 ft. 1 1/2 in.,	64	4	16	30	.....	10
Cotton.....	100 ft. 3-in., 1,250 ft. 2 3/4 in., 250 ft. 1 1/2 in.,	20	8	17	27	.....	20
Cotton.....	1,500 ft. 2 3/4 in., 250 ft. 1 1/2 in.,	108	11	27	28	.....	5
.....	.....	85	31	82	120	.....	45
.....	.....	94	17	60	90	.....	26
.....	.....	104	7	60	71	.....	20
.....	.....	59	9	38	44	.....	17
.....	.....	126	23	66	80	.....	55
.....	.....	97	10	68	82	.....	45
.....	.....	87	2	67	120	.....	50
.....	.....	100	4	61	102	.....	30
.....	.....	115	3	53	90	.....	50
Rubber.....	250 ft. 1-in.,	86	48	97	48	.....	.....
Rubber.....	250 ft. 1-in.,	89	44	54	68	.....	50
Rubber.....	250 ft. 1-in.,	53	19	41	57	.....	10
Rubber.....	250 ft. 1-in.,	91	22	70	63	.....	20
Rubber.....	250 ft. 1-in.,	59	22	43	47	.....	35
Rubber.....	250 ft. 1-in.,	36	12	10	14	.....	30
Cotton.....	600 ft. 2 3/4 in., 900 ft. 2 1/2 in., 250 ft. 1 1/2 in.,	14	2	11	15	.....	10
Rubber.....	350 ft. 1-in.,	11	5	8	40	.....	5
.....	.....	13	.....	.....	.....	.....	.....
.....	.....	68	.....	2	4	.....	.....
.....	.....	72	.....	4	5	.....	20

during the past year: Engine Companies Nos. 1 and 2, and Truck Co. No. 10.

MEMBERS AND EMPLOYEES OF THE S. F. F. D.

OFFICERS.

PATRICK H. SHAUGHNESSY.....	Chief Engineer
MICHAEL J. DOLAN.....	First Assistant Chief Engineer
THOMAS MURPHY.....	Acting Second Assistant Chief Engineer
JOHN McCLUSKEY.....	Battalion Chief
WILLIAM D. WATERS.....	Battalion Chief
JOHN WILLS.....	Battalion Chief
JOHN J. CONLON.....	Battalion Chief
EDWARD F. McKITTRICK.....	Battalion Chief
WALTER A. COOK.....	Acting Battalion Chief
MATTHEW J. FARLEY.....	Acting Battalion Chief
CHARLES CULLEN.....	Acting Battalion Chief
JOHN MAXWELL.....	Acting Battalion Chief
MICHAEL O'BRIEN.....	Acting Battalion Chief
HENRY F. HORN.....	Acting Battalion Chief
HENRY H. GORTER.....	Acting Battalion Chief

ENGINE COMPANY No. 1—Out of Service.

John J. Conroy.....	Captain	Timothy Collins	Hoseman
Silvio Rocco	Lieutenant	Coleman J. Walsh.....	Hoseman
James H. Timon.....	Engineer	.....	Hoseman
.....	Driver	.....	Hoseman
Joseph H. O'Brien.....	Stoker	Thomas Gaffney	Hoseman

ENGINE COMPANY No. 2—Out of Service.

Frank Lermen	Captain	George Spellman	Hoseman
Jeremiah L. Collins.....	Lieutenant	Henry Geister	Hoseman
Edward P. O'Malley.....	Engineer	John Mitchell.....	Hoseman
Charles Schemel	Driver	J. T. Lahey.....	Hoseman
.....	Stoker	James McTernan	Hoseman

ENGINE COMPANY No. 3—1423 Pine Street.

Thomas Magner	Captain	S. S. Powell.....	Hoseman
Walter Creber	Lieutenant	James Koopman	Hoseman
J. W. Belden	Engineer	A. L. Saunders	Hoseman
Thomas Armstrong	Driver	.....	Hoseman
Walter Willis	Stoker	Geo. F. Bury.....	Hoseman

ENGINE COMPANY No. 4—676 Howard Street.

Charles Murray	Captain	Harvey E. Johnston	Hoseman
Antone Swanberg	Lieutenant	Patrick Gordon	Hoseman
J. A. Fitzpatrick.....	Engineer	John Hannan	Hoseman
E. P. Courtney.....	Driver	D. P. Cadigan.....	Hoseman
Thomas Hayden	Stoker	James Flater	Hoseman

FIRE COMMISSIONERS

333

ENGINE COMPANY No. 5—1235 Stockton Street.

John F. Riley.....Captain	Abraham Isaacs .....Hoseman
August Engelke .....Lieutenant	Charles P. Gill.....Hoseman
Patrick H. Brandon.....Engineer	John Arata .....Hoseman
Paul DeMartini .....Driver	Edward M. Hogan.....Hoseman
F. H. Shade.....Stoker	George Schneider .....Hoseman

ENGINE COMPANY No. 6—62 South Street.

Edward Durnet .....Captain	O. B. Ney.....Hoseman
Frank Murray .....Lieutenant	Dennis McAuliffe .....Hoseman
Samuel Rainey .....Engineer	Thomas Finnegan .....Hoseman
Charles Miller .....Driver	Joseph Coleman .....Hoseman
J. J. McTernan.....Stoker	.....Hoseman

ENGINE COMPANY No. 7—3160 Sixteenth Street.

Arthur W. Welch .....Captain	Charles Malloy .....Hoseman
S. E. Kennard.....Lieutenant	Joseph Ryan .....Hoseman
M. J. Rodriguez.....Engineer	George Faubel .....Hoseman
Martin Spellman .....Driver	James Harlow .....Hoseman
John Ryan .....Stoker	Adolph Jensen .....Hoseman

ENGINE COMPANY No. 8—1648 Pacific Avenue.

Henry Schmidt .....Captain	H. E. Church .....Hoseman
William Muentner .....Lieutenant	Stephen Balk .....Hoseman
Edward Colligan .....Engineer	John Windsor .....Hoseman
Thomas J. Bean .....Driver	Martin Burns .....Hoseman
Timothy Flynn .....Stoker	Matthew Brown .....Hoseman

ENGINE COMPANY No. 9—322 Main Street.

Daniel R. Sewell.....Captain	Gabriel Cuneo .....Hoseman
Allan Matlock.....Lieutenant	James F. Graham.....Hoseman
T. J. Sheehan.....Engineer	John F. Haley.....Hoseman
Eugene K. Roberts.....Driver	John F. McCarthy.....Hoseman
Walter Cline .....Stoker	Walter Seaman .....Hoseman

ENGINE COMPANY No. 10—3050 Seventeenth Street.

George Bailey .....Captain	John Lavaroni .....Hoseman
Joseph Dolan .....Lieutenant	James Ward .....Hoseman
A. H. Spiegel.....Engineer	Joseph A. O'Brien.....Hoseman
James Cronen .....Driver	T. F. Collins.....Hoseman
Thomas Stanton .....Stoker	George H. Wielen.....Hoseman

ENGINE COMPANY No. 11—1632 Fifteenth Avenue South.

Charles Smith .....Captain	Phillip Moholy .....Hoseman
Joseph Hoare .....Lieutenant	Peter Brady .....Hoseman
Charles J. Strouse .....Engineer	C. F. McTernan.....Hoseman
Joseph Hagan .....Driver	Charles Reinfield .....Hoseman
L. H. Richards .....Stoker	John Ford .....Hoseman

FIRE COMMISSIONERS

ENGINE COMPANY No. 12—101 Commercial Street.

Jeremiah Sullivan	Captain	George McCarroll.....	Hoseman
.....	Lieutenant	Charles Shay	Hoseman
.....	Engineer	G. P. Linehan.....	Hoseman
Edward O'Neil.....	Driver	Olaf Ellingson.....	Hoseman
Lawrence Ballantine	Stoker	Eugene Moran	Hoseman

ENGINE COMPANY No. 13—1458 Valencia Street.

Daniel Newell	Captain	George McLaren	Hoseman
John Pendergast	Lieutenant	Albert DeDonald	Hoseman
A. C. Ohlson	Engineer	James Walsh	Hoseman
Louis Walters	Driver	P. J. Murphy	Hoseman
Alex. Lafferty	Stoker	William Crawhall	Hoseman

ENGINE COMPANY No. 14—1051 McAllister Street.

William J. Kenealy	Captain	James Ledden	Hoseman
H. P. Powers.....	Lieutenant	Harry Tricou	Hoseman
L. H. Barricks.....	Engineer	Edward Linderberg	Hoseman
Daniel Lyons	Driver	Hilliarn Hopkins	Hoseman
Bert Sorenson	Stoker	Walter Malloy	Hoseman

ENGINE COMPANY No. 15—2114 California Street.

Fred. E Whitaker	Captain	John Leckie	Hoseman
William Gill	Lieutenant	E. J. Moran	Hoseman
William Kerrigan	Engineer	Thomas R. Walsh	Hoseman
James Walsh	Driver	H. G. Cull.....	Hoseman
James Buckley	Stoker	Daniel Coughlin	Hoseman

ENGINE COMPANY No. 16—1009 Tennessee Street.

William H. Byrne	Captain	William Moore	Hoseman
Martin Duddy.....	Lieutenant	William Schiller	Hoseman
.....	Engineer	J. C. Herlihy	Hoseman
John Titus	Driver	T. F. Walsh.....	Hoseman
B. F. Jones	Stoker	Charles J. McLaughlin.....	Hoseman

ENGINE COMPANY No. 17—34 Mint Avenue.

Joseph Capelli	Captain	Harry Newman	Hoseman
Thomas Muldowney	Lieutenant	.....	Hoseman
Thomas Kelly	Engineer	E. L. Rafferstin	Hoseman
Claude Brownell	Driver	O. H. Pyritz.....	Hoseman
William Sawyer	Stoker	J. J. Rogers.....	Hoseman

ENGINE COMPANY No. 18—317 Duncan Street.

Daniel Murphy	Captain	J. P. Reimers	Hoseman
Theodore Trivett	Lieutenant	Thomas P. Jones.....	Hoseman
Daniel McLaughlin	Engineer	William Murphy	Hoseman
John Scannell	Driver	John McLaughlin	Hoseman
Charles McDonald	Stoker	Henry Speckman	Hoseman

FIRE COMMISSIONERS

335

ENGINE COMPANY No. 19—54 Waller Street.

John Matheson .....Captain	G. F. Hall .....Hoseman
John J. Kenney .....Lieutenant	James Bohan .....Hoseman
M. J. Cannon .....Engineer	W. J. Crosby .....Hoseman
William O'Connor .....Driver	Daniel O'Rourke .....Hoseman
M. W. O'Connell .....Stoker	Joseph Wales .....Hoseman

ENGINE COMPANY No. 20—2117 Filbert Street.

Henry Mitchell .....Captain	John Gavin .....Hoseman
J. J. Kelly .....Lieutenant	P. J. Creede .....Hoseman
Frank Crockett .....Engineer	Patrick Hogan .....Hoseman
David Capelli .....Driver	George Davis .....Hoseman
James Tyrrell .....Stoker	Robert McShane .....Hoseman

ENGINE COMPANY No. 21—1152 Oak Street.

Michael Boden .....Captain	Edward Long .....Hoseman
James Feeney .....Lieutenant	J. J. Murray .....Hoseman
M. J. O'Connell .....Engineer	Thomas Devine .....Hoseman
P. J. Meehan .....Driver	Frank Kenny .....Hoseman
W. H. Leonhardt .....Stoker	James Gilbert .....Hoseman

ENGINE COMPANY No. 22—1348 Tenth Avenue.

John Fay .....Captain	Lem Rudolph .....Hoseman
Thomas Kelly .....Lieutenant	Edward McDermott .....Hoseman
F. S. Hall .....Engineer	Joseph Bailey .....Hoseman
J. S. Brandt .....Driver	Jeremiah Mahoney .....Hoseman
Eugene Crummev .....Stoker	Michael O'Connor .....Hoseman

ENGINE COMPANY No. 23—3022 Washington Street.

James Layden .....Captain	John P. Martin .....Hoseman
W. F. Curran .....Lieutenant	B. F. Currier .....Hoseman
Charles Hewitt .....Engineer	Frank Becker .....Hoseman
J. J. McCarthy .....Driver	George McDonald .....Hoseman
Walter J. Shields .....Stoker	John McDonald .....Hoseman

ENGINE COMPANY No. 24—449 Douglass Street.

Edward Skelly .....Captain	Edward Toland .....Hoseman
Eugene McCormack .....Lieutenant	F. J. Pope .....Hoseman
B. F. McShane .....Engineer	Alfred Florence .....Hoseman
J. F. Collins .....Driver	Joseph Lee .....Hoseman
M. J. O'Connell .....Stoker	J. F. Sweeney .....Hoseman

ENGINE COMPANY No. 25—2547 Folsom Street.

James Radford .....Captain	H. R. Marden .....Hoseman
George H. Thomas .....Lieutenant	William Swanton .....Hoseman
Joseph Finn .....Engineer	Cornelius Kelleher .....Hoseman
Malachi Norton .....Driver	George Lahusen .....Hoseman
Jeremiah McNamara .....Stoker	James Bridgewood .....Hoseman

FIRE COMMISSIONERS

ENGINE COMPANY No. 26—327 Second Avenue.

James Conniff.....	Captain	Walter Lintott.....	Hoseman
Michael Drury.....	Lieutenant	John E. Owens.....	Hoseman
P. D. Hughes.....	Engineer	Louis Andrews.....	Hoseman
John Cahill.....	Driver	Michael Ryan.....	Hoseman
Henry Welch.....	Stoker	E. J. Sheddy.....	Hoseman

ENGINE COMPANY No. 27—621 Herman Street.

Stephen D. Russell.....	Captain	G. F. Bunner.....	Hoseman
Lawrence O'Neill.....	Lieutenant	Joseph Burnett.....	Hoseman
Thomas Coogan.....	Engineer	William Siewert.....	Hoseman
John Balletto.....	Driver	Henry A. Reed.....	Hoseman
A. C. Butt.....	Stoker	William Spinneti.....	Hoseman

ENGINE COMPANY No. 28—301 Francisco Street.

W. J. Gallatin Jr.....	Captain	August Banker.....	Hoseman
Frank Murphy.....	Lieutenant	Albert Bernston.....	Hoseman
Joseph Pendergast.....	Engineer	James A. Loretto.....	Hoseman
Frank Josephs.....	Driver	George Clancy.....	Hoseman
Edward Fox.....	Stoker	August Stoffer.....	Hoseman

ENGINE COMPANY No. 29—1305 Bryant Street.

Thomas J. Murphy.....	Captain	J. H. Collins.....	Hoseman
Edward McGrorey.....	Lieutenant	Bernard McDermott.....	Hoseman
F. F. Orr.....	Engineer	James Fay.....	Hoseman
David Burke.....	Driver	James M. Flood.....	Hoseman
Samuel J. Spear.....	Stoker	W. F. Simmonds.....	Hoseman

ENGINE COMPANY No. 30—1757 Waller Street.

John Doherty.....	Captain	Edward Kelleher.....	Hoseman
Thomas Collins.....	Lieutenant	J. H. Enright.....	Hoseman
M. M. Morgan.....	Engineer	Anthony Phelan.....	Hoseman
J. E. Skinner.....	Driver	C. F. Smith.....	Hoseman
Edward McGonigle.....	Stoker	John H. Brophy.....	Hoseman

ENGINE COMPANY No. 31—1084 Green Street.

Thomas Canty.....	Captain	Edward King.....	Hoseman
C. F. Ward.....	Lieutenant	N. N. Mathewson.....	Hoseman
William F. Welch.....	Engineer	John Courneen.....	Hoseman
David Levy.....	Driver	H. J. Hopkins.....	Hoseman
John Fitzsimmons.....	Stoker	E. J. Durrell.....	Hoseman

ENGINE COMPANY No. 32—Holly Park and West Avenue.

Eugene O'Connor.....	Captain	Joseph Morse.....	Hoseman
George Styles.....	Lieutenant	John Thompson.....	Hoseman
William Casebolt.....	Engineer	Frank Johnson.....	Hoseman
Thomas Hart.....	Driver	Robert Jones.....	Hoseman
James Reynolds.....	Stoker	P. F. Gallagher.....	Hoseman

FIRE COMMISSIONERS

337

ENGINE COMPANY No. 33—117 Broad Street.

James B. Britt.....Captain	John Finnigan.....Hoseman
John Casserly.....Lieutenant	Thomas Johnson.....Hoseman
John Douglass.....Engineer	Thomas Connors.....Hoseman
John Hartford.....Driver	R. E. Carleton.....Hoseman
Peter Burke.....Stoker	J. F. Coyne.....Hoseman

ENGINE COMPANY No. 34—1145 Ellis Street.

John Bowlan.....Captain	William Hanton.....Hoseman
A. F. Imbrie.....Lieutenant	Harry Loughran.....Hoseman
Louis Kiehl.....Engineer	W. J. Olsen.....Hoseman
George Dykes.....Driver	Charles Sullivan.....Hoseman
William Roebing.....Stoker	Frederick Reckenbeil.....Hoseman

ENGINE COMPANY No. 35—38 Bluxome Street.

William J. Farrell.....Captain	.....Hoseman
William Miskel.....Lieutenant	C. J. Lutz.....Hoseman
A. S. Robertson.....Engineer	Peter Collins.....Hoseman
William Tobin.....Driver	Edward Downes.....Hoseman
G. L. Boghero.....Stoker	.....Hoseman

ENGINE COMPANY No. 36—551 Twenty-sixth Avenue.

James H. Dever.....Captain	M. J. Glennan.....Hoseman
Walter Boynton.....Lieutenant	John Crosby.....Hoseman
H. J. Temple.....Engineer	F. J. Bowlen.....Hoseman
William Hensley.....Driver	Charles Neil.....Hoseman
J. P. Fitzgerald.....Stoker	Emile Gouvi.....Hoseman

ENGINE COMPANY No. 37—1380 Utah Street.

P. F. Dugan.....Captain	George Giblin.....Hoseman
E. R. Doherty.....Lieutenant	M. H. O'Neil.....Hoseman
William Mullen.....Engineer	Henry McMahon.....Hoseman
Robert Harris.....Driver	James Shanahan.....Hoseman
S. H. Simons.....Stoker	Arthur Hennessy.....Hoseman

ENGINE COMPANY No. 38—San Jose and Ocean Avenues.

William Danahy.....Captain	Thomas Parker.....Hoseman
N. N. Mathewson.....Lieutenant	R. Schubert.....Hoseman
Andrew Reid.....Engineer	Theodore Van Winsen.....Hoseman
Joseph McDonald.....Driver	Andrew Cunningham.....Hoseman
James Crowley.....Stoker	D. F. Buckley.....Hoseman

ENGINE COMPANY No. 39—2136 Geary Street.

George F. Brown.....Captain	Howard Holmes.....Hoseman
George Lawson.....Lieutenant	J. W. Johnson.....Hoseman
E. P. Brennan.....Engineer	Joseph Woods.....Hoseman
Cornelius Connell.....Driver	Julius Phillips.....Hoseman
W. J. Byrne.....Stoker	Joseph McGinn.....Hoseman

FIRE COMMISSIONERS

RELIEF ENGINE COMPANY No. 1.

D. R. Conniff.....	Captain	Timothy O'Brien.....	Hoseman
Richard Allen.....	Lieutenant	George Wells.....	Hoseman
John S. Farley.....	Hoseman		

RELIEF ENGINE COMPANY No. 2.

Thomas Bulger.....	Captain	Thomas McLaughlin.....	Hoseman
William Everson.....	Lieutenant	John Sheehan.....	Hoseman
Alexander George.....	Driver	Alfred Girod.....	Hoseman
E. I. Church.....	Stoker	George Knorp.....	Hoseman

RELIEF ENGINE COMPANY No. 3.

Isadore Gurmendez.....	Captain	James Handley.....	Hoseman
Henry Rice.....	Lieutenant	Philip Brady.....	Hoseman
Nicholas Barbetta.....	Hoseman	Charles Claveau.....	Hoseman

RELIEF ENGINE COMPANY No. 4.

Charles Gallatin.....	Lieutenant		
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TRUCK COMPANY No. 1—676 Howard Street.

Frederick Ellenberger.....	Captain	James O'Connor.....	Truckman
Robert Wood.....	Lieutenant	T. H. Conran.....	Truckman
Charles Centliver.....	Driver	J. T. Quinn.....	Truckman
George Carew.....	Tillerman	William Shulock.....	Truckman
E. E. Opderbeck.....	Truckman	Leslie Windrow.....	Truckman
Gilbert Rooney.....	Truckman	James C. Cole.....	Truckman

TRUCK COMPANY No. 2—643 Broadway.

John Leahy.....	Captain	Henry Mulligan.....	Truckman
John McGowan.....	Lieutenant	Rinaldo Cuneo.....	Truckman
Joseph Corwell.....	Driver	Narcisco Perrone.....	Truckman
Frank Kruse.....	Tillerman	Octave Valente.....	Truckman
Eugene Valente.....	Truckman	Frank Casassa.....	Truckman
John F. Edgar.....	Truckman	Joseph Ciminello.....	Truckman

TRUCK COMPANY No. 3—451 McAllister Street.

William Schultz.....	Captain	Daniel Twoomey.....	Truckman
.....	Lieutenant	Frank Carew.....	Truckman
James Driscoll.....	Driver	Daniel Farren.....	Truckman
Charles Heggum.....	Tillerman	W. D. McKinley.....	Truckman
Harry Carter.....	Truckman	Patrick Hegerty.....	Truckman
John H. Mullen.....	Truckman	Thomas Gilchrist.....	Truckman

TRUCK COMPANY No. 4—1648 Pacific Avenue.

Frank Nichols.....	Captain	Michael Wright.....	Truckman
C. J. Brennan.....	Lieutenant	John Buker.....	Truckman
William Shackleton.....	Driver	J. J. Eckelman.....	Truckman
Robert Powers.....	Tillerman	John Farrell.....	Truckman
Patrick Sullivan.....	Truckman	Maurice Higgins.....	Truckman
W. F. Gernandt.....	Truckman	John W. Parry.....	Truckman

FIRE COMMISSIONERS

339

TRUCK COMPANY No. 5—1819 Post Street.

William Otto.....	Captain	D. J. O'Connell.....	Truckman
Edward Kehoe.....	Lieutenant	Thomas Timmons.....	Truckman
Frederick Meyer.....	Driver	Frederick Woods.....	Truckman
William Serens.....	Tillerman	Dennis J. O'Donnell.....	Truckman
Frank Wilson.....	Truckman	George Henning.....	Truckman
Christopher Maher.....	Truckman	John Kilkenny.....	Truckman

TRUCK COMPANY No. 6—1152 Oak Street.

Eugene Crowe.....	Captain	Charles Mulloy.....	Truckman
Frederick Grote.....	Lieutenant	Charles Tyson.....	Truckman
John P. Hayden.....	Driver	Henry Casey.....	Truckman
Michael Flanagan.....	Tillerman	Frederick Franchi.....	Truckman
Harry Wilson.....	Truckman	Leo Castillo.....	Truckman
Gustave Hain.....	Truckman	John Figuero.....	Truckman

TRUCK COMPANY No. 7—3050 Seventeenth Street.

William Carew.....	Captain	R. E. Dugan.....	Truckman
Julius DeMeyer.....	Lieutenant	Maurice Cunningham.....	Truckman
W. W. Neifer.....	Driver	Frank Wells.....	Truckman
W. R. Nichols.....	Tillerman	Frank Tracy.....	Truckman
Timothy O'Connor.....	Truckman	C. E. Dougherty.....	Truckman
William J. O'Connor.....	Truckman	James Doherty.....	Truckman

TRUCK COMPANY No. 8—38 Bluxome Street.

Alfred Davis.....	Captain	John Flaherty.....	Truckman
J. F. Meacham.....	Lieutenant	Martin Wormuth.....	Truckman
Samuel Nelson.....	Driver	.....	Truckman
George Stolzenwald.....	Tillerman	Patrick Dunlevy.....	Truckman
George Logan.....	Truckman	Albert Henrickson.....	Truckman
.....	Truckman	John H. Mullen.....	Truckman

TRUCK COMPANY No. 9—1374 Utah Street.

William H. Bannon.....	Captain	William Foley.....	Truckman
George Hartman.....	Lieutenant	John O'Donnell.....	Truckman
Rinaldo Jones.....	Driver	Thomas Riley.....	Truckman
Charles Maguire.....	Tillerman	William Mullaney.....	Truckman
W. J. Conroy.....	Truckman	Joseph McNamara.....	Truckman
Michael McKeon.....	Truckman	Thomas McGlynn.....	Truckman

TRUCK COMPANY No. 10—Out of Service.

Theodore B. Kentzell.....	Captain	Joseph P. Cassidy.....	Truckman
.....	Lieutenant	A. J. Harry.....	Truckman
Joseph Ticknor.....	Driver	John Quinlan.....	Truckman
John J. Payne.....	Tillerman	Thomas Neylon.....	Truckman
Andrew Gilligan.....	Truckman	James Cavanaugh.....	Truckman
John J. Clancy.....	Truckman	George Hellriegel.....	Truckman

FIRE COMMISSIONERS

CHEMICAL ENGINE COMPANY No. 1—676 Howard Street.

Frederick W. Sayers.....	Captain	Maurice Berrett.....	Driver
Frank Miskel.....	Lieutenant	Allen Searcy.....	Hoseman

CHEMICAL ENGINE COMPANY No. 2—1819 Post Street.

John R. Mitchell.....	Captain	John J. Mitchell.....	Driver
Matthew McLaughlin.....	Lieutenant	William Wonderlich.....	Hoseman

CHEMICAL ENGINE COMPANY No. 3—112 Jackson Street.

William Nicholson.....	Captain	William Wilson.....	Driver
William P. Conlin.....	Lieutenant	William Jeffers.....	Hoseman

CHEMICAL ENGINE COMPANY No. 4—451 McAllister Street.

Edward J. Gillig.....	Captain	Thomas McGovern.....	Driver
Michael Hannan.....	Lieutenant	Robert Harrigan.....	Hoseman

CHEMICAL ENGINE COMPANY No. 5—643 Broadway.

Willis E. Gallatin.....	Captain	Walter Graham.....	Driver
Timothy J. Harrington.....	Lieutenant	William Newman.....	Hoseman

CHEMICAL ENGINE COMPANY No. 6—1423 Pine Street.

John Fitzpatrick.....	Captain	Martyne H. Severance.....	Driver
William Conniff.....	Lieutenant	Joseph Angelovich.....	Hoseman

CHEMICAL ENGINE COMPANY No. 7—1524 Twentieth Street.

Peter Wralty.....	Captain	William Hart.....	Driver
.....	Lieutenant	Arthur G. Goddard.....	Hoseman

CHEMICAL ENGINE COMPANY No. 8—720 Cliff Avenue.

William E. Kelly.....	Captain	Julius B. Cane.....	Driver
James Landtbom.....	Lieutenant	Bernard Donnelly.....	Hoseman

WATER TOWER COMPANY No. 1—524 Tenth Street.

William J. O'Farrell.....	Captain	Frank McCluskey.....	Hoseman
Frank Jordan.....	Driver		

MONITOR BATTERY No. 1—1523 Pine Street.

Joseph Meader.....	Driver
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MONITOR BATTERY No. 2—38 Bluxome Street.

.....	Driver
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CORPORATION YARD EMPLOYEES.

H. H. Gorter.....Acting Supt. of Engines	Thos. McHugh.....Blacksmith Helper
P. H. Brandon.....Acting Clerk and Com.	Geo. Harris.....Boilermaker
Jos. Sawyer.....Watchman	L. A. Donovan.....Woodworker
W. H. Brown.....Machinist	J. A. Holland.....Woodworker
J. J. Moholy.....Machinist	A. J. Raymond.....Patternmaker
J. J. Beatty.....Machinist	John Karney.....Harnessmaker
Thos. Walsh.....Machinist	Thos. Buckley.....Harnessmaker
J. J. Wallace.....Machinist	E. C. Laws.....Harnessmaker
J. W. Rafferty.....Blacksmith	Charles Healey.....Carriage Painter
D. O'Neil.....Blacksmith	D. McKibben.....Carriage Painter
E. B. Williams.....Blacksmith	F. M. Donovan.....Carriage Painter
M. Higgins.....Blacksmith	Thomas Burke....Watchman and Helper
Chas. Gavigan.....Blacksmith Helper	Geo. Conlon.....Watchman and Helper
W. Flanagan.....Blacksmith Helper	S. N. Cornelius....Watchman and Helper
J. N. Hurley.....Blacksmith Helper	J. F. Casey.....Watchman and Helper

DEPARTMENT STABLES.

W. J. Tobin.....Acting Supt. of Horses	P. Whelon.....Stableman
W. F. Egan.....Veterinary Surgeon	E. Hoyt.....Janitor and Watchman
O. McDonald.....Stableman	P. Larsen.....Janitor and Watchman
P. McKenna.....Stableman	William Little.....Teamster
A. Rapp.....Stableman	James Tobin.....Teamster

RULES AND REGULATIONS GOVERNING THE SAN FRANCISCO FIRE DEPARTMENT.

RULE 1.

Section 1. The office of the Board of Fire Commissioners shall be the headquarters of the San Francisco Fire Department. Office hours for the transaction of business shall be from 8:30 o'clock a. m. to 5 o'clock p. m. (Sundays and legal holidays excepted.)

Sec. 2. The Secretary of the Board of Fire Commissioners shall be in attendance at said office of the Board during office hours when not elsewhere engaged in the business of the department. He shall keep a true record of all official actions of the Board, and shall also keep and be held responsible for the accuracy of the book accounts of the department. He shall devise, with the approval of the Board, such methods for checking the receipts of material, supplies, etc., as will insure absolute accuracy in the compliance with contracts or agreements of purchase. He shall have the custody of and preserve all records, books, documents and papers belonging to the department, and shall do and perform such other duties as may be required of him by the Board of Fire Commissioners.

Sec. 3. The office of the Chief Engineer shall be at the headquarters of the department, where he shall be in attendance during office hours when not otherwise engaged in the business of the department.

RULE 2.

Section 1. The department shall be divided into Battalions, each of which shall be under the immediate supervision of an Assistant or a Battalion Chief, with headquarters in their respective districts.

Sec. 2. There shall be two general divisions of the department, comprising the Battalions. One of which said divisions shall be under the immediate supervision of the First Assistant Chief Engineer, and the other under the Second Assistant Chief Engineer, and shall be designated as General Division Nos. 1 and 2, respectively.

Sec. 3. The assignment of the First and Second Assistant Chief Engineers to Divisions, and of Battalion Chiefs to Battalions shall be made by the Board of Fire Commissioners upon the recommendation of the Chief Engineer, and such assignments may be changed from time to time.

RULE 3—THE CHIEF ENGINEER.

Section 1. The Chief Engineer shall be the Chief Executive Officer of the Fire Department, and shall have general supervision over all officers, members and employees thereof. He shall also have and exercise supreme command at all fires over the officers, members and employees, and over all the apparatus and appurtenances belonging to the Department.

Sec. 2. He shall take all measures which he may deem expedient for the extinguishment of fires and the protection of property and saving of life, and shall see that all laws and ordinances of the City and County and all orders and rules and regulations concerning the Fire Department are enforced.

Sec. 3. He shall cause to be kept in the office of Board of Fire Commissioners a complete record or file of all complaints against members, employees, etc., and may suspend any subordinate officer, member or employee of the

department for incompetency or for any violation of the rules and regulations of the department, and shall report in writing to the Board, at its next regular meeting, such suspension and the reason therefor.

Sec. 4. He shall diligently observe the condition of the men and apparatus and general condition of the department, and report in writing thereon at least once a month, or whenever required to do so, to the Board, and make such recommendations and suggestions respecting the same as he may deem proper.

Sec. 5. He shall see that proper discipline is maintained by the officers and men, and shall report to the Commissioners, any officer, member or employee of the Department who, by reason of age, disease, accident, incompetency, insubordination or other cause, cannot or does not fully, energetically, promptly and properly perform his duties in the Department.

Sec. 6. He shall make, subject to approval of the Board of Fire Commissioners, such assignments or details of the officers, members and employees of the department as he may deem necessary and proper.

Sec. 7. He shall also perform such other duties as the Commissioners may direct.

RULE 4—FIRST ASSISTANT CHIEF ENGINEER.

Section 1. The First Assistant Chief Engineer shall rank next to the Chief Engineer, and shall attend all fires to which he is assigned, and such other fires as he may be assigned or summoned to by the Chief, and, in the absence or inability to act of the Chief Engineer, shall have and exercise the duties and powers of that officer.

Sec. 2. He shall see that good order and proper discipline is maintained among the members of the Department, and that all laws and ordinances of the City and County, pertaining to and all orders, rules and regulations of the Department, are enforced.

Sec. 3. He shall inspect the uniforms of all officers, and require strict compliance with the specifications therefor hereinafter given.

Sec. 4. He shall also perform such other duties as the Commissioners or Chief Engineer may direct.

RULE 5—SECOND ASSISTANT CHIEF ENGINEER.

Section 1. The Second Assistant Chief Engineer shall rank next to the First Assistant Chief Engineer, and shall attend all fires to which he is assigned, and such other fires as he may be assigned or summoned to by the Chief or First Assistant Chief Engineer, and in the absence or inability to act of the Chief or First Assistant Chief Engineer, shall have and exercise the duties and powers of the First Assistant Chief Engineer.

Sec. 2. He shall see that good order and discipline is maintained by the members of the Department in his Division; that all laws and ordinances of the City and County, pertaining to and all orders, rules and regulations of the Department, are enforced.

Sec. 3. He shall examine all buildings in the District to which he is assigned and report to the Chief Engineer concerning the same.

Sec. 4. He shall forthwith report in writing to the Board of Fire Wardens all buildings or structures that are found to be in a dangerous, defective or unsafe condition, and said Board shall, through its Secretary, report the same to the Board of Public Works and keep a record thereof in a book used for that purpose.

Sec. 5. He shall also perform such other duties as the Commissioners or Chief Engineer may direct.

RULE 6—CHIEFS OF BATTALIONS .

Section 1. The Chiefs of Battalions shall respond to all alarms of fire to which they are assigned, and on arriving thereat shall immediately report to the commanding officer in charge of the fire.

Sec. 2. In the absence of the Chief Engineer or Assistant Chief Engineers at fires, the command of the force will devolve upon the Chief of Battalion who first arrives, and he shall remain in charge until the arrival of a superior officer.

Sec. 3. They shall visit each alternate day each company house under their charge, inspect its condition, and see that the horses, apparatus, hose and equipments are in proper condition for efficient service. They shall obtain a written report concerning the same from the captain of each company, and upon returning to headquarters prepare and forward to the Chief Engineer a written report of the result of such visit and inspection.

Sec. 4. They shall examine all buildings in the district to which they are assigned, and report to the Chief Engineer concerning the same.

Sec. 5. They shall forthwith report in writing to the Board of Fire Wardens all buildings or structures that are found to be in a dangerous, defective or unsafe condition, and said Board shall, through its Secretary, report the same to the Board of Public Works and keep a record thereof in a book used for that purpose.

Sec. 6. They shall be held responsible for the discipline of all companies under their respective commands, and shall enforce all laws and ordinances of the City and County pertaining to the Fire Department, and a strict compliance with all orders, rules and regulations of the Department, and report promptly to the Chief Engineer every infraction thereof.

Sec. 7. They shall report promptly to the Chief Engineer any accident or other circumstance calling for prompt attention.

Sec. 8. They shall inspect the uniforms of the officers and men under their supervision before they are worn, and reject all not in conformity with the specifications hereinafter given.

Sec. 9. They shall be constantly on duty at their respective headquarters, except when necessarily engaged elsewhere on Department business, and shall not leave their districts except in case of fire or by permission of the Chief Engineer.

Sec. 10. They shall also perform such other duties as the Commissioners or Chief Engineer may direct.

RULE 7—THE BOARD OF CHIEFS.

Section 1. The Chief Engineer, the Assistant Chief Engineers and the Battalion Chiefs of the Department shall compose the Board of Chiefs.

Sec. 2. The Chief of the Department shall be ex-officio chairman of the Board, and one of its members shall be elected secretary, whose duty it shall be to make and keep a proper record of all proceedings of the Board.

Sec. 3. The Board shall hold meetings once a month, and at such time and such place as the chairman of the Board may designate.

Sec. 4. The Board of Chiefs shall consider the interests of the Fire Department as to its personnel, discipline, occupation of the men while in their company houses, location of houses and the apparatus to be kept or placed therein, the character of the apparatus, hose, nozzles, etc., noting those giving best use and satisfaction, and all other matters relating to the development and perfecting of the Department, to the end that it may reach highest efficiency.

Sec. 5. The Board of Chiefs shall transmit to the Board of Fire Commissioners such recommendations as they may agree upon from time to time.

RULE 8—CAPTAINS.

Section 1. Captains shall have and exercise command over their respective companies, and shall be responsible for the discipline and condition thereof, and shall see that the houses under their control, and everything pertaining thereto, horses, harness, apparatus and equipment, are at all times kept in proper order.

Sec. 2. They shall enforce a strict compliance with the rules and regulations of the Department and the orders of the Chief Engineer, and report to their Battalion Chiefs any infraction thereof.

Sec. 3. The Captain of each company shall keep three books, to be designated as follows:

(a) The Property Book, (b) The Supply Book—these two may be combined in one—(c) The Journal.

Sec. 4. In the Property Book shall be entered a complete list of all the property in the company house under his control, furniture, horses, apparatus, hose, tools, etc., as it is received by him from time to time, and such as may become useless or destroyed, or that may be returned to the corporation yards, stables, shops, or the persons or firms from whom purchased. On December 31st of each year the Captain shall report in full in writing to the Commission all the property in his charge belonging to the Department.

Sec. 5. In the Supply Book shall be kept an accurate memorandum of all perishable supplies received, such as forage, fuel, etc., the date of receipt, the name of the party from whom received, and the quality of such supplies. A receipt shall be given in every case for supplies received and a written statement thereof forwarded to the Commissioners monthly.

Sec. 6. In the Journal shall be entered a brief history of each day's happenings.

- (a) Particulars of all alarms responded to.
- (b) Accidents to men, horses or apparatus.
- (c) Special duty performed by officers or men or company.
- (d) Delinquencies and insubordination.
- (e) Orders received, how and from whom received.
- (f) Unusual occurrences.

Sec. 7. They shall also keep a scrap book, in which shall be pasted copies of all amendments to the rules and regulations of the Department, and all general and special orders and instructions issued by the Board of Fire Commissioners and the Chief Engineer.

Sec. 8. They shall, with their companies, respond promptly to alarms of fire according to directions issued from time to time by the Chief Engineer, and upon their arrival at a fire immediately report to the officer in command; or if first to arrive, assume and exercise command until the arrival of a superior officer, and if deemed necessary, shall order a second alarm before the arrival of a superior officer. The apparatus shall, immediately upon arrival at a fire, be placed in position for service.

Sec. 9. They shall justly apportion, among all the members of the different companies under their respective commands, the work required about their company quarters.

Sec. 10. They shall politely receive visitors and answer all proper questions civilly, explaining when requested to do so, the apparatus, alarms, etc., but shall not allow habitual lounging or visiting in or about quarters, nor shall they permit children therein unless accompanied by parents or attendants.

Sec. 11. They shall see that all the required work about their quarters is completed by 10 o'clock a. m. sharp, and that everything is in readiness for the daily inspection at that hour, at which all members of the company will

appear in uniform, except in case of a working fire after 12 o'clock during the previous night.

Sec. 12. After inspection they shall make out, and deliver to the Battalion Chief on each alternate day, a report of the condition of the house, horses, apparatus, hose, and other equipments of their respective companies.

Sec. 13. They shall make such disposition of the men under their command as will enable them to attend their respective places of worship every Sunday, if possible, but at least once on every alternate Sunday, or other day of the week, which the man or men are accustomed to recognize as the day of public worship. Such "offs" will be so arranged as not to impair the service, and members availing themselves of this privilege will be required to attend said places of worship in uniform.

Sec. 14. They shall report to their Battalion Chiefs without delay all accidents resulting in injury, loss of life or damage to property, together with the names and addresses of all available witnesses thereto, whether happening to members of the Department or its apparatus or horses or to the persons of citizens or their property, in connection with the operation of this Department.

Sec. 15. They shall promptly report in writing to their Battalion Chiefs every breach of discipline or violation of the rules and regulations of the Department.

Sec. 16. They shall see that the wheels are taken off the different pieces of apparatus and vehicles that may be under their charge and control at least once in every week, and that the axles and wheel boxes are carefully inspected and the condition thereof noted in the house journal of that day.

Sec. 17. They shall also carefully instruct the members of their companies as to the rules and regulations relating to responding to alarms of fire and the changing of locations, as are set forth in the Assignment Book, and see that the same are strictly observed, and it shall also be their duty to see that the men are thoroughly familiar with the "pegging-up" of companies on the record board.

Sec. 18. Captains or Acting Captains of Companies shall at the end of each day sever the tape connected with the register in their respective houses on which alarms of fire are registered, thoroughly familiarize themselves with each box registered thereon, and then safely keep and store the same away in some convenient place for at least one week. Whenever there is anything wrong with the tapper, gong or register, or anything in connection therewith, they shall immediately report the same to the Fire Alarm Office.

Sec. 19. On returning to quarters from an alarm of fire, before allowing the fire to be pulled from their respective engines, and before entering the house with the apparatus, they shall ascertain from the register if any alarm has been sent in during their absence. Captains of Trucks, Chemicals and Water Tower Companies shall do likewise.

Sec. 20. They shall perform such other duties as may be required of them by their superior officers and the rules and regulations of the Department.

RULE 9—LIEUTENANTS.

Section 1. Lieutenants shall respond to all alarms of fire prescribed for their company and promptly and cheerfully obey the orders of the Captain and assist him in the performance of his duties, and shall also perform the duties required of hosemen or truckmen, as the case may be, and such other duties as may be required of them by their superior officers and by the rules and regulations of the Department.

Sec. 2. Lieutenants shall, in the absence of the Captain, perform his duties and exercise the authority of said officer.

RULE 10—ENGINEERS.

Section 1. Engineers shall, under their commanding officer, have the care and management of their engine, and shall be held responsible for its condition. They shall see that it is kept clean, in good order, and ready for immediate service at all times.

Sec. 2. Engineers who respond to boxes along the water front will each day ascertain from the daily papers the condition of the tide, and note the time of high and low water on the blackboard for immediate reference in event of fire.

Sec. 3. When additional fuel is required at a fire the stoker or driver of the company shall be sent to the nearest engine house for a fresh supply. The Engineer's orders in such cases shall be obeyed by the stoker or driver.

Sec. 4. Where engines have been disconnected from the heaters long enough to allow the water in the boilers to become cool, Engineers shall light the fire under the boiler and keep the water at least at scalding heat.

Sec. 5. All Engineers must have their apparatus in good order before a relief Engineer may take charge. A thorough examination by both Engineers must be made immediately before the relief Engineer receipts to the Engineer reporting off. Such receipt must be given at once to the Captain of the company, and by him turned over to the Battalion Chief.

Sec. 6. The fires of engines shall not be dumped upon pavements of bituminous rock or asphaltum.

Sec. 7. On receiving a relief or other engine in place of their own, Engineers shall immediately prepare said engine for fire service by relaying fire, changing tools, filling boiler, and heating same, and shall otherwise see that the said apparatus is in perfect order for fire duty. They shall also retain possession of their own engine, if the same is fit for service, until the relief engine is prepared to roll.

Sec. 8. They shall open and close by hand the snap valves connecting the engine with the heater at least once every twenty-four hours; see that the stems are well lubricated and springs properly adjusted, so as to insure their closing when the engine leaves its position. Slip-joints shall be removed from floor stuffing-boxes and cleansed and oiled daily. They shall also see that the snap-valves are closed every time the engine pulls away from the heater connections.

Sec. 9. They shall test the working qualities of their respective engines twice monthly, under the same pressure allowed at fires. When draughting with pumps is not convenient, Engineers will take the nearest hydrant to quarters, generate the regulation amount of steam; run water pressure up to 120 pounds by partially closing the discharge gate (if by leaving it open and playing a full stream the street and surrounding property would be damaged); leading off sufficient hose to reach the nearest cesspool. Engineers shall report the result of such monthly tests, in writing, to the Superintendent of Engines upon his visit after each said test.

Sec. 10. They shall thoroughly cleanse their boilers once every fourteen days by removing all plugs from around the bottom of the boiler, using bent pipe, which will be furnished upon requisition. Such cleansing must be done immediately after return from exercising horses. After washing out boiler they shall connect the same to heater pipes and fill from that source, making use of the hot water in the heater and boiler where there is one in use. Heaters shall also be emptied and cleansed every fourteen days, but not upon the same day that boilers are cleansed. When an engine has been working an hour or more, the same precautions shall be observed as on regular boiler cleaning days, and the same noted in daily report, together with such other remarks on the condition of the boiler as may be deemed proper.

Sec. 11. They shall carefully examine their shut-off nozzles after every fire or drill at which said nozzles are used; see that all parts are lubricated, and weekly attach nozzles to nearest hydrant; open and close same, and see that all parts are in working order.

Sec. 12. They shall inform their Captain whenever their engine may need any material or repairs.

Sec. 13. They shall at no time change or alter the position of the locking device on the pop valves or safety valves of their engines, regulating the steam pressure at which same will blow off; nor shall they carry more than one hundred pounds water pressure per square inch on the hose without an order from the officer in command.

Sec. 14. They shall have their apparatus clean and ready for inspection daily at 10 o'clock a. m., except in case of a working fire after 12 o'clock during the previous night.

Sec. 15. Whatever work is done on apparatus other than cleaning must be fully noted in the company journal.

Sec. 16. They shall carefully instruct the other members of their respective companies, who may be in charge of the engine, heater, etc., during their watches, as to the proper care of the same, and shall report to the Captain any neglect or violation of the rules in regard to the care of engine, heater, etc., which they may find to have occurred during said watches.

Sec. 17. They shall remove and relay the fire in the fire-box immediately upon the return of the engine to quarters after exercising, and also upon the return to quarters after the apparatus has traveled one-half mile or more without having ignited fire.

Sec. 18. There shall be in each Engine Company at least one member thereof who must be competent to take charge of the engine, and whose duty it shall be to act as Engineer and perform the required duties thereof in the absence of the regular Engineer. When not acting as Engineer he shall, in responding to alarms of fire ride on the rear step of the hose wagon and make connection of hose line to engine or hydrant and also assist the Engineer to connect to hydrant by taking cap from hydrant, chocking wheels, and assisting otherwise to put engine to work. He shall then assume the duties of Hoseman.

Sec. 19. They shall perform such other duties as may be required of them by their superior officers and the rules and regulations of the Department.

RULE 11—DRIVERS.

Section 1. Drivers shall take proper care of their horses; exercise the greatest caution in their care and management; keep the stalls clean, and see that everything pertaining to their department is in perfect order and in readiness for immediate service.

Sec. 2. They shall not run their horses while responding to or returning from alarms of fire, nor shall they pass other apparatus of the Department, unless such apparatus or horses be disabled (except that drivers of Chemicals may pass other apparatus except Chemicals, if the same can be done with safety), but all proper dispatch consistent with safety must be used in responding to alarms of fire.

Sec. 3. They must, on all occasions, securely strap themselves to the seat of their apparatus immediately upon mounting the same.

Sec. 4. Drivers of Monitor Batteries, upon returning to quarters from an alarm of fire, shall ascertain from the register if any alarm has been sent in during their absence, before entering the house with the apparatus.

Sec. 5. Drivers of Chemical Engines are expected to get their apparatus to a fire at the earliest possible moment, and in so doing shall drive at as rapid a gait as is consistent with the safety of the public and the apparatus. Chemical Companies may pass other companies, except other Chemical Companies, when it can be done with safety.

Sec. 6. In returning from a fire all driving shall be at a moderate rate of speed.

Sec. 7. They shall exercise their horses one hour each day when the horses have not performed any work after 1 o'clock a. m.

Sec. 8. Drivers of hill companies when responding to alarms that take their apparatus off the hills shall be careful to slow up as much as possible at crossings and look up and down each street, so as to avoid passing the fire.

Sec. 9. They will see that bells or gongs are rung at short intervals when proceeding to a fire.

Sec. 10. Drivers of engines shall not pass a fire to take a hydrant, unless by so doing they can obtain a closer position to the fire without shutting out another company that may be seen coming from another direction.

Sec. 11. Drivers of trucks, chemicals, towers and batteries shall not stop their apparatus in front of a hydrant.

Sec. 12. They shall not drive their apparatus over hose except when absolutely necessary.

Sec. 13. Drivers of Engine Companies shall, while said companies are in service at a fire, take proper care of all the horses and the hose wagon, and shall also, when necessary, assist the Engineer in firing his engine.

Sec. 14. They shall perform such other duties as are required by their superior officers and the rules and regulations of the Department.

RULE 12—STOKERS.

Section 1. The duties herein imposed upon Drivers shall, as far as practicable, apply to Stokers.

Sec. 2. They shall always, in response to alarms of fire, precede the engine with the hose wagon, unless otherwise ordered.

Sec. 3. They shall, after having led into a fire, tie up their horses in some position close to the engine, turn the care of horses and wagon over to the Driver, and immediately assume the duties of a Hoseman.

Sec. 4. They shall perform such other duties as are required by their superior officers and the rules and regulations of the Department.

RULE 13—HOSEMEN AND TRUCKMEN.

Section 1. Hosemen and Truckmen shall respond to all alarms of fire prescribed for their respective companies, and in every case they shall conform to and promptly and cheerfully obey all rules and regulations of the Department, and perform such other duties in connection with the Department as their superior officers may require of them.

RULE 14—TILLERMEN.

Section 1. Tillermen shall be at the tiller in going to and returning from fires, and upon all other occasions when their services in that capacity are required.

Sec. 2. They shall also perform such other duties as are required by their superior officers and by the rules and regulations of the Department.

RULE 15—CHEMICAL ENGINE, WATER TOWER AND MONITOR BATTERY COMPANIES.

Section 1. Officers and members of Chemical Engine, Water Tower and Monitor Battery Companies shall be subject to the same rules governing other officers and members of the Department, as far as applicable, and shall perform such other duties as may be required of them by their superior officers and the rules and regulations of the Department.

Sec. 2. Drivers of Monitor Batteries shall be under the supervision and subject to the orders of the Captain of the company in whose quarters they may be located.

RULE 16—HOUSES AND HOUSE WATCH.

Section 1. The house should be kept at an even temperature of about 60 degrees; thorough ventilation must be maintained in order that a good supply of pure air may be secured with as little draught as possible.

Sec. 2. Houses must be washed twice a month, weather permitting. The use of chloride of lime or any like substance on the floors of the houses is prohibited, except on stall floors.

Sec. 3. Members receiving forage, fuel, etc., will only receipt for the actual amounts received by them. Coal, 2,240 pounds to the ton; wood, per cord, 4x4x8—128 cubic feet; feed, per 100 pounds or fraction thereof.

Sec. 4. Engineers will carefully instruct their assistants in the engine house in the care and management of the apparatus, heater, syphon, etc., while in quarters; the house watchman being held personally and solely responsible for said apparatus after having assumed charge of the floor.

Sec. 5. A continuous watch shall be maintained in the apparatus rooms of all company houses of the department during the whole twenty-four hours of the day. The hours of the different watches shall be as follows: First watch, six a. m. to six p. m.; second watch, six p. m. to ten p. m.; third watch, ten p. m. to two a. m.; fourth watch, two a. m. to six a. m. The men to stand the different watches shall be designated in turn by the Captain of each company, unless otherwise provided, and no man shall be called upon to stand more than one night watch in twenty-four hours. The Captain of each engine and truck company shall also designate one man in turn who has had no watch during the preceding night and who shall be called at five o'clock a. m. to assist the watchman in taking up bedding and feeding horses. The man on watch shall be designated as house watchman, unless otherwise provided.

Sec. 6. (a) In all engine and truck companies there shall be two men on the first watch and one man on each of the other watches, unless otherwise provided. There shall be no change from this rule where an engine and truck company occupy the same house.

(b) In chemical companies or water tower companies occupying the same house with an engine or truck company, there shall be one man on the first watch and one man on the second watch, but no later watch shall be maintained; provided, however, that the hoseman of such chemical or water tower company, when not acting as lieutenant or driver, shall take his turn on late watches in common with the members of the other company occupying the house.

(c) In chemical or water tower companies occupying houses alone there shall be one man on each of the watches.

(d) Where a chemical and water tower company occupy the same house there shall be one man on each of the four watches, the same as if each company

was alone, and the crews of the respective companies shall have charge of the house alternately every twenty-four hours. During vacations and regular days off men shall be detailed from other companies in order to keep four men on duty at all times with chemical and water tower companies occupying houses alone.

Sec. 7. (a) In all engine and truck companies, and in chemical or water tower companies occupying the same house with an engine or truck company the captain shall stand no watch, but shall remain in general supervision of the apparatus floor at all times between the hours of six o'clock a. m. and six o'clock p. m., unless called away on other duties, in which case the Lieutenant shall remain in supervision until the Captain's return.

(b) Captains of chemicals or water tower companies occupying quarters alone shall stand a regular watch.

(c) No substitute shall be qualified or allowed to stand a night watch alone in any company unless he has previously worked in that particular company for at least fifteen days and is known by the captain of that company to thoroughly understand the rules applying to the duties of house watchman, and to be otherwise reliable and competent. When a substitute who is not so qualified is required to stand a night watch, said watch shall consist of two men, one of whom must be a regular member. These rules shall apply to all companies except chemical and water tower companies occupying houses alone, in which companies the previous time worked need not be considered, provided that the substitute is known by the Captain to be otherwise qualified.

(d) Captains of chemical and water tower companies occupying houses alone must endeavor at all times to secure substitutes who are qualified as provided. If such qualified substitutes are not available said Captains must request their Chief of Battalion to detail a man from some other company, sending the unqualified substitute to said other company.

(e) In engine companies where only seven men are on duty, if there are two unqualified substitutes on duty in place of regular members, if necessary, the Captain shall take the watch from six to ten p. m., and the Lieutenant shall take the watch from ten p. m. to two a. m. in order to have a regular member in charge of each watch.

Sec. 8. The regular house watches in each company of the department shall be constituted as follows:

Engine Companies—

Engineer and Driver.....	6 a. m. to 6 p. m.
Lieutenant.....	6 p. m. to 10 p. m.
One man.....	10 p. m. to 2 a. m.
One man.....	2 a. m. to 6 a. m.

In all engine companies during the watch from 6 o'clock a. m. to 6 p. m. the engineer shall be designated house watchman and the driver shall be designated assistant house watchman.

Truck Companies—

Tillerman and Driver.....	6 a. m. to 6 p. m.
Lieutenant	6 p. m. to 10 p. m.
One man.....	10 p. m. to 2 a. m.
One man.....	2 a. m. to 6 a. m.

In all truck companies during the watch from 6 o'clock a. m. to 6 o'clock p. m. the tillerman shall be designated house watchman and the driver shall be designated assistant house watchman.

Chemical or Water Tower Companies—

(When occupying the same house with an engine or truck company.)

Driver.....	6 a. m. to 6 p. m.
Lieutenant.....	6 p. m. to 10 p. m.

Chemical or Water Tower Companies—

(In houses alone.)

Driver.....	6 a. m. to 6 p. m.
Captain.....	6 p. m. to 10 p. m.
Lieutenant.....	10 p. m. to 2 a. m.
Hoseman.....	2 a. m. to 6 a. m.

During the absence of the engineer, driver or tillerman of any company at meals the relief engineer, relief driver or relief tillerman, as the case may be, shall assume their respective duties on watch on the apparatus floor.

Sec. 9. In no case shall the men on watch or either of them leave their post of duty on the apparatus floor until relieved, except in case of fire. In the event of failure on the part of their successors to relieve them after being called, the Captain of the company shall be promptly summoned and advised of the fact.

Sec. 10. They shall not permit visitors after 10 o'clock at night, except by consent of the Captain, or a superior officer.

Sec. 11. No changing or trading of "offs" or any watch duty in companies will be allowed without the consent of the Captain.

Sec. 12. Members shall not leave company quarters after ten o'clock p. m. while on duty, and the house watchman shall report to the Captain any member so doing as soon thereafter as possible.

Sec. 13. Watchmen shall not doze or sleep while on watch, nor permit any violation of these rules or regulations by any one in or in front of quarters, and shall at once call the Captain if any disturbance occurs in or about quarters which they cannot control.

Sec. 14. Captains or Acting Captains of Companies shall at the end of each day sever the tape connected with the register in their respective houses on which alarms of fire are registered, thoroughly familiarize themselves with each box registered thereon, and then safely keep and store the same away in some convenient place for at least one week. Whenever there is anything wrong with the tapper, gong or register, or anything in connection therewith, they shall immediately report the same to the Fire Alarm Office.

Sec. 15. Whenever, after one alarm has been received from any station, another alarm is received from the same or any other station before the first alarm has been tapped out, the housewatchman shall immediately call the Captain or Acting Captain in order that he may supervise the pegging on the record board.

Sec. 16. At six o'clock a. m. the house watchman shall call the company, and all members thereof must immediately arise and proceed with their regular duties of the day.

RULE 17—ACTS OF VALOR TO BE REPORTED.

The officer in charge at a fire shall report to the Chief Engineer the names of such officers and members of the Department as may distinguish themselves in the discharge of their duties by the saving of human life at the risk of their own, and Assistant Chiefs and Battalion Chiefs shall report any other meritorious acts which are worthy of special attention that may have been performed by members of the companies under their command, while on duty, either at a fire or elsewhere, giving a full and correct statement of the facts. The Chief Engineer shall submit all such reports to the Board of Fire Commissioners for their consideration.

RULE 18—LEAVES OF ABSENCE.

Section 1. Except as herein provided, all leaves of absence must be obtained from the Board of Fire Commissioners, upon proper written application made therefor.

Sec. 2. The Assistant Chiefs and Battalion Chiefs are authorized to and may grant leaves of absence to the officers and members of companies under their control for a period not to exceed four days, and in all such cases they must put on substitutes at the expense of the men granted leave. All such substitutes to be taken from the regular authorized list thereof.

Sec. 3. The Chief Engineer is authorized to and may grant leaves of absence to officers and members of the Department not to exceed ten days, and he may also extend leaves of absence, granted in accordance with the foregoing section, not to exceed six days.

Sec. 4. The President of the Board of Fire Commissioners may grant leaves of absence to the Chief Engineer.

Sec. 5. When any member of the Department is sick, he shall report or cause the fact to be promptly reported to his Captain and Battalion Chief. The Battalion Chief shall verify the statement and grant a leave of absence "on account of sickness" and shall put on a substitute in his place.

Sec. 6. Not more than three members of any engine or truck company having the full complement of men, and not more than two members of any engine or truck company of less than the full complement, and not more than two members of any chemical company will be allowed off on leaves of absence at the same time. Exceptions may be made by the Battalion Chiefs in cases of sickness or urgency, after an investigation of the same.

Sec. 7. All leaves of absence granted, with the time and cause for granting the same, must be reported to the Board of Fire Commissioners at the first regular meeting held after such leave is granted.

Sec. 8. Applications for leaves of absence from members of companies will not be considered by the Board of Fire Commissioners unless the same have been approved and countersigned by the Chief of Battalion and the Captain of the company of which the applicant is a member or to which he may be detailed for duty.

RULE 19—SUPERINTENDENT OF ENGINES.

Section 1. The Superintendent of Engines shall be responsible to the Board of Fire Commissioners and the Chief Engineer for the conduct and management of the repair shop. He is charged with the control and direction of the men assigned to duty under him, and shall see that their time is employed to the greatest advantage to the Fire Department, and report to the Chief Engineer in writing all accidents or injuries received by said men, and all absentees from duty, together with the reasons for their absence.

Sec. 2. He shall keep a detailed record of all the work done, and shall make and keep a record in a book provided for that purpose, of any and all apparatus which becomes injured, broken or in any way disabled, together with the date of such occurrence, the company or place to which it belongs, the nature of the injury or disability, the cause, if known, and such other and further information regarding the same as may be necessary.

Sec. 3. He shall visit the quarters of each company once a month, or as often as occasion may require, and inspect the apparatus in service in the Department, and report at least once each month the condition of the same to the Chief Engineer, and make such recommendations as he may deem advisable.

Sec. 4. He shall see that the apparatus is at all times kept in good repair and ready for immediate service.

Sec. 5. He shall attend all fires for which third alarms are sent in.

Sec. 6. He shall also perform such other duties as may be required or prescribed by the Commissioners or Chief Engineer.

RULE 20—CLERK AND COMMISSARY CORPORATION YARD.

Section 1. He shall be responsible to the Board of Fire Commissioners and the Chief Engineer, and shall be on duty at his office at Corporation Yard of this Department from 8 o'clock a. m. to 5 o'clock p. m. daily (Sundays and legal holidays excepted) and at such other times as the Chief Engineer may direct.

Sec. 2. He shall have the care and management of the supply department, and have charge of all hose, and apparatus and supplies purchased by order of the Commissioners.

Sec. 3. He shall, upon the receipt of requisitions therefor, deliver to the various companies the monthly supplies and stores for each company.

Sec. 4. He shall keep the books and accounts of the supply department in a systematic manner, showing the supplies received by him, the amount delivered to each company and the amount remaining on hand, and report monthly to the Board of Fire Commissioners.

Sec. 5. It shall be his duty to keep in a book provided for that purpose an account of the quantity, kind and condition of the hose in the Department, and in each company thereof, with such other record as may be required to insure at all times full knowledge of the condition of the same.

Sec. 6. He shall not deliver any supplies or stores of the Fire Department except upon an order signed by the Chief Engineer and the Secretary of the Commissioners (except during a conflagration supplies or apparatus may be delivered on the order of the Chief Engineer, Assistant Chief Engineer, Battalion Chiefs or Captains) and shall procure a written receipt for all such supplies or stores delivered.

Sec. 7. He shall answer all third alarms of fire, and perform such other duties as the Commissioners or Chief Engineer may direct.

RULE 21—VETERINARY SURGEON.

Section 1. The Veterinary Surgeon shall be responsible to the Chief Engineer, and shall visit the hospital or stables daily. He shall also tend to all sick or injured horses belonging to the Department at any time of the day or night that such service may be needed. He shall give instructions to the attendants in charge of such horses, and shall report to the Chief Engineer and Board of Fire Commissioners any neglect of duty of same.

Sec. 2. Each person attending to horses under treatment of Veterinary Surgeon shall report to him the condition of horses in his care, and obey all orders given by the Veterinary Surgeon as to their treatment.

RULE 22—SUPERINTENDENT OF HORSES.

Section 1. He shall be responsible to the Board of Fire Commissioners and the Chief Engineer for the performance of his duties in the general care and treatment of the horses of the Department.

Sec. 2. He shall instruct his men to give such medical, surgical and other attention to the horses of the Department as may be ordered by the Veterinary Surgeon, regulate their feed, and give such directions to those in charge of horses as in his judgment is necessary.

Sec. 3. He shall report to the Chief Engineer once a month, or as often as circumstances may require, the condition of the horses, etc., under his charge, and shall also report all deaths of horses, and recommend the condemnation and disposal of horses which become unfitted for service in the Department.

Sec. 4. It shall be his duty, at least twice each month, to visit each company quarters and inspect the horses and the forage furnished, give advice and direction as to feeding, and to report to the Chief Engineer any willful neglect or any undergrade forage found.

Sec. 5. He shall keep an accurate, numerical and descriptive record of all horses in the Department, containing number, date of purchase, age, color, record of accidents, sickness and date of condemnation, death or transfer, together with such other information concerning the same as may be useful.

Sec. 6. He shall have the charge and direction of the hostlers assigned for duty at the stables, and shall prescribe their duties.

Sec. 7. When not otherwise engaged on Department business he shall always be in attendance at the Department stables.

Sec. 8. He shall have and assume charge of the stables and see that everything appertaining thereto is kept in proper order and condition.

Sec. 9. He shall perform such other duties as may be required or prescribed by the Commissioners or the Chief Engineer.

RULE 23—HOSTLERS.

They shall devote their entire time and attention to the stable work assigned them, and shall perform such duties as may be prescribed by the Chief Engineer or Superintendent of Horses.

RULE 24—HYDRANTMEN.

Section 1. Hydrantmen shall attend to all hydrants and cisterns in their respective districts, see that the same are in good condition and ready at all times for immediate use.

Sec. 2. They shall see that the hydrants are at all times kept free from obstructions of every character, so that access thereto may be readily had by the engines of the Department.

Sec. 3. They shall visit and inspect the cisterns in their respective districts once in each week, keep the same filled with water and see that they are in proper condition and ready for immediate use at all times. They shall report the condition of the several cisterns once in each week to the Battalion Chief of the district wherein said cisterns are located, but if for any reason a cistern becomes useless the fact shall be immediately reported to the proper Battalion Chief.

Sec. 4. They shall register in books provided for that purpose the exact location of all hydrant gates in their respective districts and shall see that said gates are conspicuously exposed and not covered over or hidden in any way by pavement, bitumen or other material or substance used for street purposes.

Sec. 5. They shall perform such other duties as may be required of them by the Commissioners or Chief Engineer.

RULE 25—WATCHMEN.

Section 1. Night watchmen shall be in attendance daily at the Corporation Yard of the Department to which they may be assigned for duty from 6 o'clock p. m. until 7 o'clock a. m. the following morning, and shall carefully guard and protect the property intrusted to their care.

Sec. 2. They shall perform such other duties as may be required of them by the Superintendent of Engines.

RULE 26—CARE AND USE OF HOSE, APPARATUS, HORSES, HARNESS, IMPLEMENTS, ETC.

HORSES.

Section 1. All horses of the Department must be watered at 5 o'clock a. m. and fed at 6 o'clock a. m. with the regular allowance of cooked grain; the allowance of grain will be set aside by the driver, and the assistant house

watchman will, about 1 o'clock each morning, pour boiling water over the same in a bucket provided for that purpose, and then fix the cover on tight so as to prevent the escape of the heat or steam therein. On feeding said allowance another allowance shall be immediately prepared. At 11 o'clock a. m. the horses shall be watered and given a small quantity of hay, and at about 12 o'clock m. fed the regular allowance of prepared grain. At 6 o'clock p. m. water and bed the horses, give them their allowance of hay, then give a few carrots, or other feed which may be ordered by the Superintendent of Horses.

Sec. 2. All horses shall be exercised daily for one hour, unless a run was had after 1 o'clock a. m. In wet weather exercising shall be done, if possible, between showers.

Sec. 3. In good weather, during the spring and summer months, the horses shall be permitted to stand outside the houses from 9:45 to 11 a. m.

Sec. 4. In case of sickness or injury to any horse, it shall be the duty of Captains to promptly report the same to the Superintendent of Horses, and he shall see that measures are taken for the relief of such horse.

Sec. 5. Any horse which neglects to eat or shows any signs of being sick or lame, and any horse loosing a shoe, will be immediately reported to the Superintendent of Horses, and a relief horse shall be provided.

Sec. 6. Teasing or annoying horses or teaching them any tricks, or unnecessarily or severely punishing them, is prohibited.

Sec. 7. No gas or electric light shall be placed or kept directly in front of a horse's eyes.

Sec. 8. Muzzles are strictly prohibited on horses between the hours of 6 p. m. and 6 a. m., except while standing on the street.

Sec. 9. On cold or stormy nights, when it is necessary to remain at a fire for a long time, the drivers shall blanket their horses well, and exercise them every half hour for ten minutes. If possible put them in some sheltered place.

Sec. 10. A horse shall never be given water or grain while he is hot after a run, except that his mouth and nostrils shall be sponged out with cold water and he shall be given two of three swallows only. Sweat shall be wiped from around the eyes and under the tail with a damp sponge.

Sec. 11. Horses shall be blanketed when standing in the open air.

Sec. 12. If a horse be under medical treatment, the driver shall be careful to follow the instruction of the Veterinary Surgeon in administering the medicines and otherwise attending to the horse. If a driver lays off while attending a sick horse, he shall instruct his substitute as to how the horse is to be attended to.

Sec. 13. After returning from exercise or an alarm, horses' feet (not legs) shall be washed out and examined for nails, loose shoes, etc., then rubbed down and if warm, blanketed (in houses that have no heater). The back door shall be kept shut and draughts avoided as much as possible.

Sec. 14. In cold weather the chill shall be taken off drinking water, or only a small quantity of cold water given at one time.

Sec. 15. A bucket shall not be used to catch the horses urine in. If a horse is straining to urinate and afraid to do so, straw shall be shaken under him, which will encourage him to pass it. The stall shall be rinsed out or washed down immediately. Manure shall also be removed immediately.

Sec. 16. The mane and tail shall be washed once a week with soap and warm water, weather permitting, and the sheath once every two weeks.

Sec. 17. Horses predisposed to scour shall get small quantities of water often, instead of a large drink at one time.

Sec. 18. Grey or white horses stained on quarters, etc., may have spots sponged off with warm water and soap, but must be thoroughly dried with a

“rubber” immediately. White legs may be treated likewise when necessary; otherwise the legs shall never be washed, except by order of the Superintendent of Horses.

Sec. 19. Rain, sweat and mud shall be removed immediately on getting into the house; first with scraper and afterwards with a wad of straw or sack, care being taken to dry out the hollow of the heels thoroughly; what is left can be washed or brushed off when dry; use no water to remove it. Washing horses is prohibited.

Sec. 20. The feet shall be stuffed every other night in dry weather.

Sec. 21.—Musty or overdried hay, of musty food of any kind shall be rejected, as it is injurious to the horse’s wind.

Sec. 22. Clipping horses shall be done under the directions of the Superintendent of Horses, but the name and legs shall be clipped clean at all times.

Sec. 23. Bedding shall be removed for ventilation from the house in dry weather where it is convenient to do so.

Sec. 24. Drivers are strictly prohibited from using a twitch or other like appliance upon the horses while clipping the legs, cutting the manes, washing tails, etc. If a horse cannot be handled without the use of said appliances, the driver shall notify the Superintendent of Horses.

HARNESS.

Sec. 25. No hot or warm water shall be used in cleansing harness.

Sec. 26. The use of emery cloth in polishing the points and bells of Hale or Berry hames is strictly prohibited. Nothing but oil shall be used.

APPARATUS.

Sec. 27. No alterations shall be made in trace or pole chains other than necessary adjustments.

Sec. 28. The use of water in and around the furnace of fire engines for removing sparks or other evidence of fire is prohibited. A dry broom shall only be used for said purpose.

Sec. 29. On returning from a run, the apparatus will be left outside of the house, the horses blanketed, and the running gear thoroughly washed with small hose. Companies having a yard may wash their apparatus therein.

HOSE.

Sec. 30. Cotton hose shall not be allowed to remain on the wagon more than twenty-four hours in a wet or damp condition unless unavoidable. The hose shall be changed every fifteen days unless the same has been in actual service during said time, and when said change is made, a note thereof shall be entered in the company journal.

Sec. 31. Cotton hose, after being used at a fire, and when returned to quarters, if only wet or damp, shall be immediately hung up in the tower. If any hose is in a dirty condition from mud, etc., it shall be thoroughly cleaned, with a broom and water if necessary.

Sec. 32. When changing hose, before it is taken from the wagon or reel, there must be lowered down from the tower all the hose that is to be put on, and the lengths coupled together, care being taken to see that the couplings and swivels are in perfect order and that all have proper washers. A small quantity of tallow or oil should be used on the threads or swivels, but not enough to run on the fabric or rubber, as grease will injure either. What hose is necessary can then be removed from the wagon or reel and the dry hose placed thereon; the wet hose then hoisted in the hose tower. If any of the lengths

of hose are injured, they shall not be rolled up and set aside, but must be marked and hung up until called for by the supply wagon.

Sec. 33. Hose covers shall not be folded. The inner or go-between cover shall be rolled and stored under the seat; the outer cover of hose wagons and carriages, when not in use, shall be hung at full length or width in a dry place, and not creased in any manner.

GENERAL RULES.

1. All officers and members of the Department shall devote their entire time and attention to the services of the Department, and shall not engage in any other business or calling.

2. No political, social or other organization shall be formed or maintained in the houses of the Department, and no meetings of any character, other than regular company meetings, will be permitted therein; and no officer, member or employee of the Department shall take any part whatever in any political conventions, canvass or campaigns, except to vote, and no interference in the free exercise of this right by every member of the Department will be tolerated. Any violation of this rule will be deemed sufficient cause for dismissal from the Department.

3. The officers and members of the Department are prohibited from forming and maintaining, exclusively amongst themselves, any society, company or organization supported by assessments upon or contributions from the members or employees of the Department, without having first obtained permission from the Board of Fire Commissioners to so do.

4. Officers shall be just, dignified and firm in their intercourse with subordinates, and shall abstain from using violent, abusive or immoderate language in giving orders and directions, as well as when in conversation with them.

5. Officers and members shall at all times conduct themselves in a gentlemanly manner and refrain from using obscene, immoral, disrespectful, impudent or improper language.

6. Members of the Department shall not enter saloons or places where liquor is sold while wearing their uniforms or while on duty, except in the legitimate discharge of their duty.

7. No intoxicating beverages shall be brought into, kept or drunk in or about any of the houses or premises of the Department, and any member or employee, who, while on duty, or while in uniform, or when about the premises of the Department, becomes intoxicated, or who absents himself from duty because of drink shall be subject to dismissal, or such other penalty as the Board of Fire Commissioners, after trial, may impose.

8. Smoking, while on the apparatus or vehicles of the Department, is at all times prohibited.

9. Gambling of all kinds is strictly prohibited in or about the houses of the Department.

10. Congregating on the sidewalk in front of or adjacent to company houses is also prohibited.

11. Members and employees of the Department are prohibited from using the telephones in service therein for any other purpose than on business connected with the Department, and no person or persons, other than public officials, shall be allowed to use the same, and then only on official business connected with their respective offices.

12. No member or employee shall sell or assign or discount his salary warrant or demand on the Treasurer; nor shall any member or employee endorse or guarantee, in writing, the note, assignment, or other instrument of like nature of any other member of the Department.

13. All members and employees of the Department shall promptly pay their just and lawful debts, contracted or incurred while in the service. Failure to do so will be considered cause for suspension or dismissal.

14. No officer, member or employee shall at any time be guilty of any act or omission which impedes, injures or hinders, or tends to impede, injure or hinder, the progress, welfare, discipline, efficiency or good name of this Department.

15. Members of the Department, as a mark of respect, shall rise and salute Commissioners and ranking officers of the Department, or any other public officers visiting their quarters. When a ranking officer visits the quarters of a company, all members thereof that may be outside of the house or on the street in the vicinity thereof shall immediately return to quarters.

16. The members of the Department shall at all times address their superior officers by their proper titles, and in all cases use the word without any abbreviation whatever. The Chief Engineer, Assistant Chief Engineers and Battalion Chiefs, when addressed verbally by any member of the Department shall be addressed as "Chief," but when addressed in writing the full title of the officer shall be used.

17. Every member of the uniformed force shall provide himself with the regulation uniform within thirty days after his appointment, but such uniform must not be worn on duty until it has been inspected and approved by the Battalion Chief. It shall be the duty of said members of the Department to wear the prescribed uniform at all times, except from the time of retiring until 10 o'clock a. m. All members of the Department, while at a fire, shall wear their official badge in a conspicuous place on the left breast of their coat or outer garment, and shall wear their regulation fire hat.

18. Members of the Department shall conduct themselves quietly at fires; shouting or bolsterous conduct will not be permitted. Water will be turned on by order of a commanding officer and not otherwise. Members who are on the pipe leading into a fire above the ground floor will shut the nozzle off immediately upon connecting the same to the hose.

19. No exchange of badges will be permitted except when it becomes necessary in cases of promotion or transfer; nor shall the same be loaned to any person, or used for any but the legitimate purposes of the Department.

20. No officer, member or employee shall ride or attempt to ride on any street car on his official badge or uniform and without paying his fare, unless such privilege has been accorded the members by the railroad companies, and then only under such conditions as may be imposed by the said companies.

21. Members of the Department, when resigning, or upon dismissal or suspension, shall immediately surrender to the commanding officer of their company their official badge, cap, insignia, and all other property of the Department that may be in their possession.

22. Members of companies shall sleep in their company houses when on duty, and while so sleeping shall not be unnecessarily disturbed.

23. Members of companies, while on duty, shall not leave their respective company quarters after ten o'clock p. m. without first having obtained permission to do so from the officer in charge of the company.

24. The hours for meals in the various companies shall be designated by the Captain, each man being entitled to one hour at each meal where three meals are taken during the day, or one and one-quarter hours at each meal where only two meals are taken; provided that the total time for all the men of the company at each meal shall not be more than three and one-half hours. The number of men to meals at one time shall be in accordance with these hours, taking into consideration the number of men in the company.

25. Members of Companies shall not go beyond the limits of their respective company districts for their meals when on duty, and while absent at meals they shall immediately respond to all alarms of fire to which their respective companies respond, either for service or for the purpose of covering-in to other quarters. Nor shall they go beyond the limits of their said company districts for any other purpose while on duty without first obtaining permission to do so from the Battalion Chief in charge of their respective companies.

26. Members shall procure at their own expense tappers to be placed in their respective eating places.

27. Members of companies shall notify their Captains of the address of their eating place and residence and of any change therein, and said officer shall keep a record of these particulars concerning every man under his charge.

28. All uniformed members of the Department, when appearing before the Board of Fire Commissioners for trial or otherwise, shall so appear in the full regulation uniform of the Department.

29. No visitors shall be allowed in the houses of the Department after 10 o'clock p. m. without permission of the Captain.

30. No member of the Department shall receive any reward or present of any kind for services rendered in the discharge of his duties, without permission of the Board of Fire Commissioners, and no member shall give or contribute toward the giving of any present or thing of value to any member or officer of superior rank without having first obtained such permission.

31. No officer or member of the Fire Department shall wantonly or maliciously make any false report of any other member, nor fail to report any real violation of the rules, etc.

32. Department property shall not be loaned, sold or given away, but shall be carefully protected from waste and abuse.

33. The various companies of the Department shall have and attend such drills as their superior officers may prescribe and the members thereof shall attend such practice drills at the Drill Towers as the Chief Engineer or Drill Masters direct, and all the required duties of such drills shall be properly and efficiently performed.

34. No officer or member of any company shall be absent from his company quarters while on duty, without permission, except at meal hours, unless by order of the Chief Engineer.

35. Officers and members shall report back to quarters promptly at the expiration of meal hours, leaves of absence, etc.

36. All assignments of officers and of companies for answering alarms and attending fires and the movements of companies in covering-in, shall be made under the direction of the Chief Engineer.

37. No work or labor not absolutely necessary shall be performed on Sundays.

38. All members of companies (Drivers and Engineers excepted) shall wear the regulation fire hat while going to and returning from alarms of fire and while working thereat.

39. Officers and members of the Department shall be governed by the rules and regulations, as set forth in the Assignment Book, in responding to alarms of fire, and a strict observance of said rules is required of them.

40. The First Assistant Chief Engineer, Second Assistant Chief Engineer and Battalion Chiefs may suspend any subordinate officer, member or employee of the Department for a violation of any of the rules of the Department, and shall forthwith report in writing such suspension, with the reasons therefor, to the Chief Engineer.

41. All officers, members and employees of the Department shall perform all their required duties therein in a prompt, proper and energetic manner, and continued failure or neglect to so do will be considered as incompetency by the Board of Fire Commissioners.

42. No officer, member or employee shall neglect or refuse to perform any duty or to obey any order of a superior officer, pertaining to matters of the Department.

43. Officers shall call the attention of all members present to any misconduct, occurrence, act or words which might become the subject of charges before the Commission.

44. It shall be the duty of all members or employees of the Department to take notice of any conduct or action of any member or employee therein which they are in a position to see or any language which they may hear, and which may be prejudicial to the good and welfare of the Department, and said members shall ascertain the true facts and conditions in every case to which their attention may be called, for the purpose of acting as witnesses.

45. False swearing or willfully withholding the truth on the part of members while acting as witnesses in the trial of charges before the Commission will be made the ground for charges and be punished as the Commission may determine.

46. The duties imposed upon members of the Department shall also apply to Substitutes when on duty, and a strict observance of the rules and regulations of the Department will be required of them.

47. Any officer, member or employee violating any of the foregoing rules and regulations of the Department, or any subsequent rules and regulations which may be adopted by the Board of Fire Commissioners, or any general or special orders or instructions of the Board of Fire Commissioners or Chief Engineer, or orders of any superior officer, shall, upon conviction, be punished by reprimand, fine, suspension or dismissal from the Department, as the Board of Fire Commissioners may determine.

INSIGNA OF RANK.

Chief Engineer.—Five trumpets, measuring one and three-sixteenths inches each, crossed with the bells outward, and projecting beyond mouthpieces, so as to form a design one and one-half inches in diameter, and all to be made of gilt metal and worn on the front of the cap.

First Assistant Chief Engineer.—Same as above, with the exception that there shall be but four trumpets.

Second Assistant Chief Engineer.—Same as above, with the exception that there shall be but three trumpets.

Battalion Chiefs.—Same as above, with the exception that there shall be but two trumpets.

Captains of Engine, Chemical Engine and Water Tower Companies.—Two trumpets, one and three-sixteenths inches long; made of white metal; trumpets placed perpendicularly, bells downward; letter and number designating company on same. To be worn in the center of cap front.

Lieutenants of Engine, Chemical Engine and Water Tower Companies.—Same as above, with the exception that there shall be but one trumpet, placed horizontally.

Captains of Truck Companies.—Two axes, one and three-sixteenths inches long; made of white metal; axes to be placed diagonally above; letter and number designating company on same. To be worn in center of cap front.

Lieutenants of Truck Companies.—Same as above, with the exception that there shall be but one axe, placed horizontally.

Engineers, Drivers, Stokers, Tillermen, Truckmen and Hosemen.—White metal Maltese cross badge, one and five-eighths inches each way, with the Department number of the wearer in figures three-eighths of an inch long. To be worn in the center of the cap front.

REGULATION UNIFORM, SAN FRANCISCO FIRE DEPARTMENT.
CHIEF ENGINEER.

COAT to be double-breasted, square cut; to button to the neck, with rolling collar, made to be worn open or closed; seam in back; raw edge, $\frac{1}{2}$ inch double stitched, two lower, one upper pockets with scalloped flaps $3\frac{1}{2}$ inches deep at points; two inside, cut crosswise; two rows of buttons, eight in each row, to be placed in pairs. Sleeves to be stitched to a point from $3\frac{1}{2}$ to 6 inches; four buttons on sleeve. Buttons to be gilt and set in with rings. Length to be to the middle of first finger. Lining to be of heavy Italian cloth and striped sateen sleeve lining.

VEST—Single-breasted; no collar; raw edge; double-stitched one-half edge; four pockets outside, none inside. The pockets to have scalloped flaps $2\frac{1}{4}$ inches deep at points, $1\frac{3}{4}$ inches between points. Vest to be opened no more than fourteen inches from center to back and closed with six gilt buttons.

TROUSERS—Two top, two hip and one fob or watch pocket; sewed down lap seam three-eighths of an inch; width of trousers to be one inch smaller at bottom than at knee.

SHIRT—Linen or muslin, with standing collar.

CRAVAT—A narrow necktie or bow of black silk, not less than three-quarters of an inch in width, tied in a flat knot in front, the end to extend not more than three inches from the knot.

FIRST AND SECOND ASSISTANT CHIEF ENGINEERS AND BATTALION
CHIEFS.

COAT.—To be double-breasted, square cut; to button to neck; raw edge, $\frac{3}{8}$ -inch double-stitched; two lower and one upper pocket, with scalloped flaps $3\frac{1}{2}$ inches deep at point; two inside pockets; two rows of buttons, six in each row; sleeve to be stitched to a point from $3\frac{1}{2}$ to 6 inches; four buttons on each sleeve; open cuffs; lengths to middle of first finger; collar two inches all around; flaps to be sewed on outside of coat.

CAPTAINS AND LIEUTENANTS OF COMPANIES AND OPERATORS.

Same as above, with the exception that there shall be two rows of buttons, five in each row, placed equi-distant to within $8\frac{1}{2}$ inches of bottom of coat. Buttons to be of white metal; no outside pockets; three buttons on each sleeve; coat to be made to be worn buttoned up.

VEST same as specified for officers, with the exception that the two upper pockets are finished with welts one inch deep.

SHIRTS same as specified below.

ENGINEERS, DRIVERS, STOKERS, HOSEMEN, TILLERMEN AND
TRUCKMEN.

COAT to be single-breasted, square cut, buttoned close to neck, with six buttons; to be finished raw edges, double-stitched one-half inch, plain seams, also seam down center of back. Prussian collar, turned down $2\frac{1}{2}$ inches deep in center of back, $2\frac{3}{4}$ inches deep at points in front; no pockets outside, two inside cross-ways. Sleeves to be stitched to a point $3\frac{1}{2}$ inches from edge up to 5 inches, double-stitched; three buttons, facing inside, raw edged and single-stitched. Buttons to be of white metal. The length of coat to be the middle knuckle of first finger.

TROUSERS same as specified for officers.

VEST same as specified for officers, with the exception that the two upper pockets are finished with welts one inch deep. All buttons on coat and vest to be fastened in with rings.

SHIRTS blue flannel, collar $4\frac{1}{2}$ inches deep at points, $2\frac{1}{2}$ inches at back when finished; three rows of stitching. Collar band three-quarter inch at front and $1\frac{1}{2}$ inches at back. Breast-piece 13 inches long, $2\frac{1}{2}$ inches wide, open $11\frac{1}{2}$ inches; three rows of stitching; four buttons and button-holes. Yoke two points, three rows of stitching. Body and sleeves double-stitched. Cuffs open five inches; long points $7\frac{1}{2}$ inches; short points $5\frac{1}{2}$ inches. Two button-holes, three buttons, three rows of stitching. Silk to be used in all top stitching and buttonholes. Buttons to be first grade white pearl; four holes; twenty-four line. Buttonholes to be hand-made.

CAPS.

CHIEF ENGINEER, ASSISTANT CHIEF ENGINEERS, BATTALION CHIEFS,
CAPTAINS AND LIEUTENANTS OF ENGINE COMPANIES, CAPTAINS
AND LIEUTENANTS OF TRUCK COMPANIES.

CAPS to be of regulation Fire Department pattern; made of 20-ounce navy blue colth, pure indigo dyed, $3\frac{1}{2}$ inches deep, with welt around tip of cap; the welt to cover steel wire; welt of $\frac{1}{8}$ -inch width, $\frac{1}{2}$ of an inch above the base of cap; band $1\frac{1}{5}$ inches wide above base welt; crown above band $1\frac{1}{2}$ inches, cut in four parts with seam in front and back and on each side of cap; visor to be unbound, of plain, solid black patent leather two inches wide, with round corners; one-half inch leather chin straps, with leather slides fastened to the cap on each side with brass Fire Department buttons. Captains and Lieutenants of Engine and Truck Companies, Chemicals and Water Towers buttons to be of white metal. Real mohair black braid on band of cap; inside band of cap to be of solid leather; lining to be of genuine hair cloth, covered with satin, sweatband to be of dark Japan leather, two inches wide; two japanned metal eyelets on each side of cap for ventilation. The insignia of office to be of gilt metal in center of front above the welt.

ENGINEERS, DRIVERS, STOKERS, HOSEMEN, TILLERMEN AND
TRUCKMEN.

CAP to be same as above, except that there be no mohair braid on the same and the badge of office and buttons on the side shall be of white metal. Badge to be made in shape of Maltese cross, with the number and monogram of the Department thereon.

All insignia of office and cap devices shall be placed half way between the top of cap and the row of stitching at upper edge of cap band.

Rain covers required for each cap to be made of rubber gossamer to fit the cap.

REGULATION FIRE HELMET.

Chief Engineer.—White leather hat with twelve cones, having a gilded leather front, depending from a gilt-edge head, and attached to the front of the helmet, with the insignia of his rank and the words "Chief Engineer" painted upon it upon a scroll of gold.

First Assistant Chief Engineer.—Same as above, with the words "First Assistant Chief" thereon.

Second Assistant Chief Engineer.—Same as above, with the words "Second Assistant Chief" thereon.

Battalion Chiefs.—Same as above, with the words "Battalion Chief" and number of Battalion District designated thereon.

Captains of Engine Companies.—Black leather hats, with eight cones, with number of company and rank of office on white leather front.

Lieutenants of Engine Companies.—Same as above.

Hosemen.—Black leather hats, with eight cones, and name of company on black front.

Truck Companies.—Red and white leather hats, with eight cones.

Chiefs' Operators.—Black leather hats, with eight cones, white letters on red background, with word "Operator" and number of battalion or rank of Chief thereon.

REPORT

OF THE

Board of Fire Pension Fund Commissioners

San Francisco, July 1, 1908.

To the Honorable the Mayor of the City and County of San Francisco.

Dear Sir: In compliance with Article XVI, Section 9, of the Charter of the City and County of San Francisco, the Board of Fire Pension Fund Commissioners herewith present and submit their report for the fiscal year ending June 30, 1908.

ORGANIZATION.

The Board of Fire Pension Fund Commissioners, as now constituted, consists of four members and a Secretary, viz.:

H. M. WREDEN.....	Term expires January 8, 1909
WM. H. McCARTHY.....	Term expires January 8, 1910
WM. P. DELANY.....	Term expires January 8, 1911
BERNARD FAYMONVILLE.....	Term expires January 8, 1912
H. L. KEEFE.....	Secretary

During the year the following named members of the Fire Department were pensioned under the provisions of Article IX, Chapter 7, Section 4, of the Charter, viz.:

Annie E. Doud, sister of Maurice J. O'Brien and guardian of his person and estate, said Maurice J. O'Brien, Driver of Truck 4, has been declared an incompetent caused by injuries received by him at a fire on February 3, 1906. Pensioned June 28, 1907. Effective July 1, 1907.

T. M. Fernandez, Battalion Chief, injured in the performance of his duty on March 9, 1906.

Pensioned July 3, 1907. Effective July 1, 1907.

J. M. Rojas, Hoseman of Engine Co. No. 7, who contracted pulmonary tuberculosis from injuries received while in the performance of his duty.

Pensioned November 8, 1907. Effective November 15, 1907.

John Doyle, Captain Relief Engine Co. No. 4, who had been injured by being thrown from a car while returning from inspecting Engine House No. 33.

Pensioned December 20, 1907. Effective December 15, 1907.

During the year three members of the Fire Department were retired under the provisions of the Charter, viz.:

Thomas Barry, Stoker, who had been a member of the Fire Department for more than twenty-five years.

Pensioned July 19, 1907. Effective July 1, 1907.

John Riley, Hoseman Relief Engine Co. No. 1, who had been a member of the Fire Department for more than twenty-five years.

Pensioned August 30, 1907. Effective September 1, 1907.

William F. Tracey, Hoseman Engine Co. No. 37, who had been a member of the Fire Department for more than twenty-nine years.

Pensioned December 26, 1907. Effective January 1, 1908.

LIST OF PENSIONERS, JUNE 30, 1907 TO JUNE 30, 1908.

NAME.	Pension Effective.	Amount per Quarter.
Chapman, John E.	December 5, 1891	\$135.00
Bell, Charles	February 14, 1892	135.00
O'Neil, John	April 23, 1892	67.50
Fleming, P. H.	October 29, 1892	210.00
Johnson, Benjamin	December 3, 1892	52.50
Finn, D. A.	January 14, 1893	52.50
O'Neill, John	February 18, 1893	52.50
Brady, James W.	April 15, 1893	52.50
Jackson, John S.	July 15, 1893	210.00
Robinet, H. J.	July 28, 1894	52.50
McCue, Hugh	February 2, 1895	112.50
Cunningham, William	April 13, 1896	210.00
Lawrence, B. B.	February 4, 1897	135.00
Kennedy, Hugh	May 27, 1897	67.50
O'Neill, Edward	June 6, 1897	52.50
Clements, John	August 27, 1897	52.50
Grady, James	December 16, 1897	67.50
Mulcahy, William H.	December 15, 1898	52.50
McCormick, Patrick	February 17, 1899	67.50
O'Sullivan, Edward	September 14, 1899	52.50
Murphy, John J.	November 9, 1899	210.00
Desmond, Felix P.	November 16, 1899	52.50
Sweeny, Mrs. Jennie	July 1, 1900	120.00
Crummy, John T.	November 1, 1900	120.00
Wolf, Joseph	January 10, 1901	120.00
Barry, Patrick	April 1, 1901	150.00
McGibbon, James A.	March 6, 1902	150.00
Mahoney, John J.	June 1, 1902	180.00
Nagle, Mrs. Eliza	September 1, 1902	150.00
Heffernan, Mrs. Marion	October 1, 1902	150.00
Cumisky, James	November 1, 1902	150.00
Conlon, Frank J.*	January 6, 1903	150.00
Canty, Patrick	April 1, 1903	150.00
Browne, Robert T.	April 1, 1903	180.00
Callen, Mrs. Annie K.	May 25, 1903	180.00
Bearwald, Mrs. Ray	June 1, 1903	150.00
Holmes, Mrs. Mary	December 1, 1903	180.00
Quinn, Hugh	December 5, 1903	150.00
Morrison, Henry S.	March 1, 1904	150.00
Casserly, Thomas E.	June 1, 1904	150.00
Sawyer, Robert H.	June 1, 1904	180.00
Harrington, Mrs. Emma	October 1, 1904	150.00
Dougherty, Mrs. Sarah	October 1, 1904	168.75
Allen, John	January 1, 1906	150.00
Ewing, George	January 1, 1906	180.00
Sullivan, Mrs. Jennie	February 1, 1906	150.00
Dakin, Mrs. Francis	February 1, 1906	180.00
Hennessy, Mrs. Nellie	February 1, 1906	150.00
Reilly, J. W.	April 30, 1906	225.00
Kenny, John	April 30, 1906	180.00
O'Neill, Mrs. Mary	May 11, 1906	135.00
Sullivan, Mrs. Margaret	May 18, 1906	499.95
Dougherty, John	August 1, 1906	375.00
Dougherty, M. F.	August 1, 1906	150.00
Smith, Mrs. Nora	September 7, 1906	135.00
Kentzel, James W.	November 1, 1906	180.00
Lennon, Edward P.	November 1, 1906	150.00
Woods, Gabriel	December 1, 1906	150.00
Harrison, David	January 1, 1907	180.00
Stevens, Joseph	January 16, 1907	150.00
Boyson, George M.	March 1, 1907	150.00
O'Brien, Maurice J.	July 1, 1907	150.00
Fernandez, T. M.	July 1, 1907	262.50
Barry, Thomas	July 1, 1907	150.00
Riley, John	September 1, 1907	150.00
Rojas, J. M.	November 15, 1907	150.00
Doyle, John	December 15, 1907	180.00
Tracey, Wm. F.	January 1, 1908	150.00

* Guardian for Francis J. Cameron, George Cameron and Thomas W. Cameron.

DEATHS.

During the fiscal year the following deaths occurred:

Ryder, Henry.....	Died July 22, 1907
Stroud, James H.....	Died November 25, 1907
Franks, James.....	Died January 22, 1908
Mason, James.....	Died April 2, 1908

APPROPRIATIONS AND EXPENDITURES, FISCAL YEAR JUNE 30, 1907,
JUNE 30, 1908.

Appropriated by Board of Supervisors July 1, 1907.....	\$35,000.00
Appropriated by Board of Supervisors June 30, 1908.....	3,500.00
	<hr/>
	\$38,500.00

PENSIONS PAYABLE.

First Quarter ending September 30, 1907.....	\$ 9,991.20
Second Quarter ending December 31, 1907.....	10,128.70
Third Quarter ending March 31, 1908.....	10,303.70
Fourth Quarter ending June 30, 1908.....	10,043.70
Salary of Secretary, July 1, 1907 to June 30, 1908.....	600.00
	<hr/>
	\$41,067.30

Respectfully submitted,

H. L. KEEFE,
Secretary.

REPORT
OF
Board of Trustees
OF THE
San Francisco Public Library
and Reading Room
FOR THE
Fiscal Year Ending June 30, 1908

BOARD OF TRUSTEES.

JOHN H. WISE.....	2160 Steiner Street
A. L. MANN.....	2222 Clay Street
P. N. LILIENTHAL.....	Anglo-Californian Bank
EDWARD R. TAYLOR.....	2326 California Street
JOSEPH O'CONNOR.....	Board of Education
RALPH C. HARRISON.....	1998 Vallejo Street
COLIN M. BOYD.....	Oxford Hotel
SHELDON G. KELLOGG.....	Crocker Building
JAMES D. PHELAN.....	Mutual Bank Building
R. B. HALE.....	Sixth and Market Streets
CHARLES H. BENTLEY.....	120 California Street

THE MAYOR, *ex-officio*.

GEORGE A. MULLIN, Secretary. Miss M. T. TYLER, Assistant Secretary.

COMMITTEE CHAIRMAN.

RALPH C. HARRISON.....	Books
JOSEPH O'CONNOR.....	Building
JOHN H. WISE.....	Rules
EDWARD R. TAYLOR.....	Finance
A. L. MANN.....	Branches
JAMES D PHELAN.....	Municipal Relations
K. B. HALE.....	Printing and Binding
EDWARD R. TAYLOR.....	Law

LIBRARIAN.

WILLIAM R. WATSON.

To the Hon. Edward Robeson Taylor, Mayor of the City
and County of San Francisco.

In accordance with the requirement of the Charter, the Board of Trustees of the Public Library and Reading Rooms presents its report for the fiscal year ending June 30, 1908.

The year has been marked by gratifying and uninterrupted progress. At the present time the number of cards in force is slightly in excess of 30,000, or only about ten thousand less than were held at the time of the fire. We may reasonably expect that within the present year the remaining ten thousand will be called for and issued. The number of volumes in the library has more than doubled since the fire, and is now somewhat more than 54,000. The increase in circulation over last year is about 116,000, and to this large increase we are pleased to note that every branch and every station has contributed.

The chief event of the fiscal year has been the opening of the new temporary main library building at the southeast corner of Hayes and Franklin Streets, which occurred March 1, 1908. The Trustees are proud to record that the entire cost of \$43,781.14 was paid out of the savings of previous years. This new building is attractive in exterior and commodious in arrangement, and contains a fire proof book vault supplied with steel stacks having a capacity of about 70,000 volumes. While this building must soon become entirely inadequate for its temporary use as a main library, it is built upon a part of the block which will not be needed, at least for many years, for the permanent structure, and can be utilized for many purposes after the latter shall have been erected. The crowded condition of its reading room every day seems to indicate that the City has made no mistake in its choice of a site for its main permanent library.

Arrangements have been perfected for the reestablishment of the branch library at North Beach, and it is expected that this much needed member of our library system will be opened September 1st, in suitable quarters and in a central location. Two new stations have also been established during the year—one at Glen Park, and one at the new and rapidly developing section of Visitacion Valley.

No change in the membership of the Board of Trustees has occurred during the year either through resignation or death.

We are glad to report that the Hon. Board of Supervisors, in intelligent recognition of the growing needs of the Library, have this year increased our appropriation to such an extent, that as soon as practicable a suitable lot will be purchased and steps taken for erecting a building and establishing a new branch library in the neighborhood of the Park Panhandle. This move was in active contemplation at the date of the fire, but was necessarily postponed on account of the required use of all our accumulated funds in providing the temporary main library building.

Early in the year Mr. George T. Clark severed his connection with the library, leaving with us and with all who had come into close contact with him a pleasant memory of thirteen years' of honorable and efficient service as Librarian. His successor, Mr. William R. Watson, was elected in September, and entered upon his duties October 15th, 1907. Our Secretary, Mr. George A. Mullin, has placed us under renewed obligations by the large fund of useful information concerning the newest library buildings in various parts of the country, which he has gathered during his recent trip.

In closing, the Trustees can not too strongly urge the importance and necessity of commencing the permanent main library building at the earliest possible date. We have a location suitable in all respects, we have in the City Treasury about \$123,000, the proceeds of bonds already sold upon which interest is now being paid, but which is useless for any purpose until the new

bonds are authorized and sold, and we know that long before the permanent building can be completed, the main library will have far outgrown its present temporary quarters. In all progressive cities, libraries have come to be recognized as an absolutely essential part of the educational system of the community. We would, therefore, earnestly ask the assistance of your Honor and the Board of Supervisors in providing for an early issue of bonds for the erection of a library building, which will not only be an enduring ornament to our restored and rejuvenated city, but an invaluable center of its intellectual and spiritual life.

The extended reports of the Secretary and of the Librarian which are herewith presented will furnish the details of the important work accomplished by the Library during the year.

Respectfully submitted,

SHELDON G. KELLOGG,

President.

July 1, 1908.

Report of the Secretary.

To the Trustees of the San Francisco Public Library and Reading Rooms:

Gentlemen: Following is a statement showing the Receipts and Expenditures for the year ending June 30, 1908:

RECEIPTS.			
Balance in Treasury June 30, 1907.....		52,185.46	
Cash on hand (with Secretary), June 30, 1907.....		256.40	
From Taxes.....	64,445.55		
Fines Collected.....	1,545.05		
Books lost and paid for.....	79.10		
Reserve postals sold.....	110.05		
Refund on Insurance.....	2.80		
Rents from Library Block.....	4,333.30		
Total Receipts.....		70,515.85	122,957.71
DISBURSEMENTS.			
Books.....	12,187.43		
Periodicals.....	1,593.91		
Binding.....	3,661.53		
Printing.....	1,147.94		
Stationery.....	81.35		
Cataloguing Cards.....	523.11		
Fire Insurance.....	361.35		
Furniture and Repairs.....	3,325.31		
Expense Sundry.....	1,476.12		
Salaries.....	26,660.13		
Rent of Branches.....	1,518.00		
Water.....	146.65		
Fuel.....	233.45		
New Building.....	43,781.14		
Total Disbursements.....		96,697.42	
Balance in Treasury, June 30, 1908.....		26,044.04	
Cash on hand (with Secretary), June 30, 1908.....		216.25	
			122,957.71

RECORD OF DELINQUENTS.

	Amount.	Total.
FINES.		
19,394 Fines collected, amounting to.....	1,545.05	
534 Fines uncollected, amounting to.....	98.60	
19,928 Total Fines imposed, amounting to.....		1,643.65
BOOKS LOST AND BORROWERS' CARDS CANCELLED.		
Branch No. 1, 12 volumes, amounting to.....	10.80	
Branch No. 2, 18 volumes, amounting to.....	15.45	
Branch No. 4, 4 volumes, amounting to.....	2.85	
Branch No. 6, 9 volumes, amounting to.....	7.20	
Station A, 1 volume, amounting to.....	1.00	
Station D, 1 volume, amounting to.....	1.00	
Total.....45 volumes, amounting to.....		38.30
BOOKS LOST AND PAID FOR.		
87 volumes, amounting to.....		79.10

STATEMENT OF EXPENSES FOR BRANCHES AND STATIONS.

	Branch No. 1	Branch No. 2	Branch No. 4	Branch No. 6	Station A	Station B	Station C	Station D	Station E	Station G	Deposit Collec- tion	Total
Salaries.....	2368 35	2605 70	1183 20	2158 90	183 50	216 00	216 00	216 00	216 00	216 00	.....	9579 65
Rent.....	1098 00	.....	420 00	.....	.....	.....	.....	.....	.....	.....	.....	1518 00
Furniture and Repairs.....	20 25	82 70	20 50	80 68	.....	.....	.....	.....	.....	.....	.....	223 13
Expense, Sundry.....	20 45	14 50	12 95	31 30	6 00	3 00	.....	1 00	2 00	.....	.....	91 15
Fuel.....	17 20	157 25	16 00	43 00	.....	.....	.....	.....	.....	.....	.....	233 45
Insurance.....	.....	94 90	.....	.....	4 40	4 40	4 40	4 40	4 40	4 40	.....	121 30
Water.....	.....	117 15	.....	15 75	.....	.....	.....	.....	.....	.....	.....	132 90
Periodicals.....	138 10	163 80	111 00	178 20	.....	.....	.....	.....	.....	.....	.....	591 10
Binding.....	816 52	427 78	237 90	503 90	.....	.....	.....	.....	.....	.....	.....	2081 10
Books.....	801 22	520 20	240 37	786 12	.....	.....	.....	.....	.....	.....	181 30	2529 21
Totals.....	5290 09	4186 98	2241 87	3901 85	193 90	223 40	220 40	221 40	222 40	220 40	181 30	17100 99

Books of Deposit Collection have been distributed to Branches and Stations.

Respectfully submitted,
GEO. A. MULLIN,
Secretary.

Report of the Librarian

To the Trustees of the Public Library of the
City and County of San Francisco.

Gentlemen:

I have the honor to submit herewith a report of the work of the Public Library of the City and County of San Francisco for the fiscal year ending June 30, 1908.

As your Librarian assumed the duties of his present position on October 15, 1907, this report covers but eight and a half months of his administration. The resignation of your former Librarian, Mr. George T. Clark, which took effect August 1, 1907, was the most important event in the history of the Library during the past year. For nearly thirteen years Mr. Clark had been the executive head of this institution, and his administration was marked by a great increase in the growth and use of the Library. Much of its present efficiency is due to his capable administration during that period.

For the first time in the history of the Library an appropriation has been granted by the Supervisors which exceeds the minimum allowed under the Charter. This is a matter for congratulation and a most encouraging sign that the city officials recognize the worth of the Library and its value to the community. The extra amount appropriated will permit the establishment of a branch in the thickly populated district south of the Pan Handle, enabling us to serve a large number of citizens who otherwise could not avail themselves of the resources of the Library. It will also permit of increasing the number of volumes in the Deposit Collection so that we shall be able to open several new stations during the coming year.

The building erected on the northeast corner of the Van Ness Avenue site for the temporary accommodation of the Main Library was thrown open to the public on March 10, 1908. On the main floor are the offices of the Librarian and Secretary; the Trustees' room; the Delivery room; the Open Shelf room with sufficient wall shelving to accommodate 6,500 volumes; the Reference room, which is also used as a periodical reading room; two small rooms, one of which is used for filing the periodicals and preparing them for the bindery, the other for the office of the Assistant Librarian; and the Stack room, which is sufficiently high to permit the erection of a three story stack. The second floor extends over a small part of the building only, and is entirely given over to the use of the cataloguers and work room assistants. The book stack is practically fire proof, being of solid brick and concrete construction with automatic fire doors at all exits. It is equipped with two stories of modern steel bracket stacks and there is ample room to add a third story when it becomes necessary to do so. No plaster or paint has been used in the building, all the walls, ceilings, partitions, etc., are of Douglas spruce and the shelving of white cedar finished in the natural color. The entire cost of the building, including fixtures, was a trifle less than \$45,000.00, and this amount was saved out of the annual appropriations for the support of the Library.

The building is inadequate for any other purpose than that for which it was intended, namely, temporary quarters pending the erection of a permanent structure. While it serves admirably for all present needs it is very evident that during the coming year both the Open Shelf room and the Reference room will be far too small to accommodate the patrons of the Library comfortably. The necessity of larger quarters is sure to be keenly felt long before such

quarters can be provided, for in all probability it will take nearly three years after the funds become available before such a building as is proposed can be completed and made ready for occupancy.

Four branches and six deposit stations have been in operation continuously for the full twelve months of the past year, and in addition the Main Library has been open for the period from March 10th to June 30th.

The circulation for home use from all sources amounted to 465,437 volumes, an increase over last year of 115,791 volumes or 33 per cent. To this increase the various branches and deposit stations contributed as follows:

Branch No. 1.....	30,913
Branch No. 2.....	18,582
Branch No. 4.....	12,971
Branch No. 6.....	16,411
Station A.....	820
Station B.....	393
Station C.....	223
Station D.....	2,372
Station E.....	1,280
Station G.....	995
Main Library, March 10 to June 30.....	30,831
Total	115,791

All the branches and stations show an increase over last year, Station D standing highest with a 68 per cent increase, and Station C, lowest with a 49 per cent increase. With more books our circulation would undoubtedly have been very much greater, for in addition to the larger number of titles for our patrons to select from, we should have been able to again adopt the two card system, allowing each borrower to take out two books at a time. A circulation of 465,437 from a total (on June 30, 1908) of 54,317 volumes is the equivalent of loaning each book in the Library an average of over eight and a half times during the year, but it should be borne in mind that a large number of the 54,317 volumes are reference works and do not circulate, so that the average is in reality much higher. This circulation of nearly half a million volumes (and the present rate is in excess of that number per year) from a total but little over 50,000 is an indication of what we may expect as we increase the number of books in the Library and the facilities for placing them in the hands of the people.

The total number of card holders has increased from 19,822 to 30,065, a fraction over 51 per cent. With the proposed opening of two new branches and several deposit stations during the coming year it seems not improbable that by the end of next June we shall have as many card holders as we had before the fire.

During the year, 13,189 volumes have been added to the Library and 2,997 withdrawn, leaving a net gain of 10,192 and bringing the total number in the Library up to 54,317 volumes. The constant use to which our circulating books are subjected, coupled with the very poor binding in which most of them are published, has necessitated a considerable expenditure for binding and accounts for the large number, 2,997, which have been withdrawn because worn out. In very few cases is an ordinary book fit to rebind more than once, so that after rebinding there is no alternative but to discard it when it becomes too soiled and worn for further use. By employing an assistant who repairs the books carefully and intelligently when they first show signs of wear we are able to keep them in service much longer before sending them to the bindery, and to effect a material saving in expense as well.

There were sent to the bindery during the past year 7,634 volumes, including both binding and rebinding, and the total amount expended for this

purpose was \$3,661.53. For the binding during the coming year new specifications were prepared and sent to the local binders so that all were given opportunity to bid on the work. The John Kitchen Jr. Company was the lowest bidder and was awarded the contract at prices much more favorable to the Library than those previously in force.

In accordance with the best modern practice, many publications which do not receive constant and severe use are now being bound in buckram and duck in preference to leather, the fact having been well established that vegetable fibre withstands the action of gas and time better than leather, except, possibly in the case of genuine moroccos properly tanned without the use of acids. The specifications under which our binding is now being done are appended to this report.

During the year all orders for books published in this country through the regular trade channels have been placed with the Book Department of the Emporium. The service has given very general satisfaction, and the purchasing agreement has been renewed for the coming year. The foreign publications have been ordered through the firm of G. E. Stechert of New York. This firm offered the Library particularly favorable rates after the fire, and is well equipped by long experience and by its connections abroad to handle our orders for foreign books and periodicals. Many out of print books have been purchased from various second hand dealers, and in numerous instances valuable works have been secured at very low rates from dealers in remainders. Advertising in the Publishers' Weekly for scarce and valuable books has been found both satisfactory and profitable. Many valuable gifts have been received during the year, including a large number of Government publications. A list of the donors to the Library will be found at the end of this report.

The Library is under an added debt of gratitude to Mr. Julius R. Weber for his continued activity in building up the music collection. His advice has been of inestimable value, and he has given generously of his time and labor toward making the collection of the greatest practical worth and usefulness.

Steps have been taken for the re-establishment of Branch No. 3 in the North Beach District by securing a lease on a building in which the rooms on the ground floor are being constructed for our special use. There will be approximately 2,500 square feet of floor space, and windows on three sides with four skylights in addition will insure plenty of light. As this district is growing very rapidly and is far removed from Library facilities, the branch will supply a much needed service. From present indications we shall be able to open it to the public in September. The building is located on Powell Street between Broadway and Vallejo, very close to the former site of the branch.

The demands on the Reference Department increase constantly and indicate the need of more books in order that we may render more efficient service. The sets of periodicals which have been purchased are of much assistance, and the files of bound newspapers are greatly in demand.

The work of the Catalogue Department has gone on steadily during the year. The classification has been somewhat extended and defined in order to make the contents of the Library more readily available and to aid in securing consistency. Library of Congress cards have been used as far as possible for the shelf list and branches as well as for the main catalogue. It has been necessary to purchase additional card cases to hold the public catalogue, and single tray cases were secured because of their greater convenience and adaptability.

The opening of the Main Library necessitated enlarging the staff to a considerable extent, and at the present time the total number of employees in all departments is fifty-one. Of this number four are janitors and six are deposit station keepers, and of the remaining forty-one there are six who work only

part time. As compared with other libraries having an equal circulation and adding an equal number of volumes annually this is a small staff.

An examination of applicants for positions in the Library was held in February, and thirteen out of eighteen who took the examination attained the requisite standing. Of this number four decided after the examination that they did not care to take up the work or were unable to do so on account of other occupations, one was employed as a part time assistant and afterwards resigned, four have been appointed as full time assistants and four are serving as substitutes or part time assistants. The examination questions are appended to this report.

Few who are not familiar with library work in all its details appreciate fully the tax it imposes upon the strength and vitality, nor how much of nervous energy goes into the work of a good assistant. A very desirable quality in a library worker is a keen sensibility and a readiness to anticipate the needs of the work and the wants of the public, and the worker with such a temperament is the one who experiences the greatest fatigue. Those who not only give faithfully of their time in the performance of their duties, but who also enter into their work with interest, with the spirit of goodwill, with friendly consideration for their fellow workers, with a sympathetic attitude toward the public and a desire to be of assistance not because it is a duty but because it is a pleasure and a privilege, are those who are of the greatest value in library work. This, I believe, is the kind of service we should seek for and encourage in the staff in increasing measure.

It is a pleasure to acknowledge my indebtedness and to express my appreciation to the Library staff and to your Honorable Board for the cordial support and ready co-operation which have been accorded me.

Respectfully submitted,

WM. R. WATSON,
Librarian.

APPENDIX I.
BOOKS ISSUED FOR HOME USE—1907-1908.

Branches and Stations.	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	Total
Main Library.....	9910	10418	9735	10948	11113	10528	12496	11881	4648	8203	8363	9617	30831
Branch No. 1.....	8464	8306	8660	8971	9273	9616	10724	10298	12386	11240	10806	11591	133052
Branch No. 2.....	3397	3334	3376	4116	4169	3337	4828	4685	4888	7081	4077	7279	104428
Branch No. 4.....	9156	9827	9536	10900	10926	10106	10855	10706	10584	9603	8805	9435	50031
Branch No. 6.....	239	210	314	349	328	323	449	324	365	388	297	456	120439
Station A.....	219	252	263	312	241	291	347	314	288	290	267	333	4042
Station B.....	404	298	446	381	388	370	409	347	373	435	359	471	3447
Station C.....	373	339	430	389	467	495	677	537	509	516	323	675	4699
Station D.....	293	268	209	303	292	340	347	335	316	382	317	469	5850
Station E.....	355	380	311	521	339	311	350	473	470	447	304	453	3871
Station G.....													4747
Total.....	32810	34292	33340	37196	37336	36347	41482	39925	43155	43109	40746	45499	465437

APPENDIX II.
CARDS ISSUED—1907-1908.

Branches and Stations.	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	Total
Main Library.....	235	234	212	282	253	180	298	282	624	440	709	474	2217
Branch No. 1.....	228	239	225	268	276	290	275	223	264	178	125	235	2778
Branch No. 2.....	65	87	111	114	77	57	94	107	82	114	100	166	2476
Branch No. 4.....	245	259	333	346	323	291	279	277	235	173	217	509	3397
Branch No. 6.....	1	4	8	10	13	4	3	4	4	4	4	13	72
Station A.....	5	2	5	9	10	0	12	4	6	5	7	2	67
Station B.....	16	7	12	15	10	6	10	14	11	5	10	13	129
Station C.....	14	15	13	17	8	4	8	16	0	2	7	3	107
Station D.....	5	2	3	12	11	7	7	8	6	6	2	5	74
Station E.....	8	4	2	12	7	8	8	17	4	6	2	5	83
Station G.....													
Total.....	822	833	924	1085	988	667	994	952	1398	1002	1233	1631	12519

APPENDIX III.
GENERAL SUMMARY.—1907-1908.

	Main Lib.	Br. No. 1.	Br. No. 2.	Br. No. 4.	Br. No. 6.	Deposit Stations.	Total.
Volumes circulated.....	30,831	133,052	104,428	50,931	120,439	26,656	455,437
Cards issued.....	2,247	2,778	2,476	1,119	3,397	532	12,549
Cards in force.....	2,247	7,982	7,313	2,425	8,427	1,671	30,065
Sent to Bindery.....	2,526	1,882	947	645	1,634		7,634
Volumes added.....	8,468	1,408	878	405	1,277	753	13,189
Volumes withdrawn.....	154	1,024	714	231	1,874		2,997
Volumes in Library June 30, 1908.....	25,215	8,988	6,470	3,384	7,943	2,307	54,317

APPENDIX IV.

QUESTIONS FOR EXAMINATION IN LITERATURE.

FEBRUARY 8, 1908.

1. Who wrote the Lilac Sunbonnet; The Talisman; Thanatopsis; Canterbury Tales; The Newcomes; The Weavers; The Snow Man; Mr. Isaacs; Aftermath; Ascent of Man; Donal Grant; House of Mirth; War and Peace. (Answer ten only).

2. Give the names of the authors and the titles of the works in which the following characters are found: Minnehaha; Portia; Sam Weller; John Ridd; Jean Valjean; Amy Robsart; Bob Acres; Col. Starbottle; Marguerite; Babbie; Mrs. Poyser; Mr. Rochester. (Answer ten only).

3. Name one work by each of the following authors: Materlinck; Goethe; Darwin; Motley; Ruskin; Balzac; Bryce; Goldsmith; Ibsen; Homer; Lew Wallace; W. D. Howells; E. E. Hale. (Answer ten only).

4. Name whom you consider the five greatest novelists in English literature (not including Scott and Dickens), and give the title of one work of each.

5. Name an important history of England; of France; of the United States; of Mexico; of Greece.

6. Give the authors and titles of ten historical novels that you would recommend to a reader.

7. What are the real names of the authors who have written under the following pseudonyms: George Sand; Mark Twain, Octave Thanet; George Eliot; Ian Maclaren; Charles Egbert Craddock; Ike Marvel; Edna Lyall; Currer Bell; John Oliver Hobbes; Henry Seton Merriman; Anthony Hope. (Answer ten only).

8. Name two great poets, two great historians, two great scientists, two great biographers, and two great musicians, and give the title of a noted work of each.

9. In which of these classes—philosophy, religion, history, sociology, biography, travel, science, useful arts, fine arts, or literature—do books on the following subject belong? Blacksmithing; The Tudors; Etching; Housing the Poor; Nebular Hypothesis; Thomas a Kempis; Transcendentalism; Scotch ballads; Technique of the Piano-forte; Labor Movement in America.

10. Write an essay of not less than 300 words on your favorite book, giving your reasons for your choice.

QUESTIONS FOR EXAMINATION IN HISTORY AND CURRENT EVENTS.

FEBRUARY 15th, 1908.

1. Name two countries or individuals closely connected with each of the following: Crusades; Defeat of the Spanish Armada; Marathon; Battle of Saratoga; Battle of Resaca de la Palma.

2. Give approximate dates and the combatants involved in the following wars: Crimean; War of the Roses; Peloponnesian; French and Indian, Modoc War; Seven Years' War. (Answer five only).

3. Name five important events, exclusive of wars, in American history previous to 1900.

4. Name five men who have been frequently named as possible candidates for the next Presidential nomination.

5. Where, when and by whom was the American flag first raised in California?

6. What is suggested to your mind by the Field of the Cloth of Gold;

the Duma; The Dred Scott Decision; the Bastille; the Corn Laws; The Hague Tribunal? (Answer five only).

7. Tell what you can about the causes and results of the Russian-Japanese War.

8. Name five federal and five confederate officers who were prominent in the Civil War.

9. Name five American and five English officers who were prominent in the Revolutionary War.

10. What constitute the national legislative bodies of the following countries and what is the title of the chief executive of each: Great Britain; France; Germany; Japan; United States.

APPENDIX V.

SPECIFICATIONS FOR BINDING BOOKS FOR THE SAN FRANCISCO PUBLIC LIBRARY.

Books to be sewed on unbleached line tapes. Not less than three tapes to be used on a book between 6 and 8 inches high, not less than four tapes on a book between 8 and 10 inches high, and not less than five tapes on a book over 10 inches high unless the book is very thin.

Books having thick sections to be sewed "all along" instead of "two on" or "three on," and in every case the first and last three sections must be sewed "all along."

Thread to be Hayes' standard linen, of a weight adapted to the book to be sewed. Books with light sections to be sewed with No. 25, all other to be sewed with No. 18, unless of very great weight, in which case No. 16 is to be used.

All sheets broken at the back to be made sound with guards and all single leaves or plates to be guarded round adjoining sections. Folded plates to be guarded with linen at folds. No plates to be pasted on.

First and last signatures to be guarded with jaconet. If the title-page or frontispiece is an insert, paste the guard along the insert and over the first signature.

Make two sets of four-page fly-leaves by folding once, pieces of good quality seventy pound white book paper. Guard each of these with jaconet and place one at the front and one at the back of the book. Fly leaves of all half morocco bound books to be of marbled paper of the "peacock" pattern.

End papers to be pasted on, the jaconet guard only (not with end papers attached), to pass around first and last signatures.

Backs to be lined with strong muslin instead of super, and on large heavy books cotton flannel to be used instead of muslin. Boards to be of a medium grade of tar board and of a thickness adapted to the size of the book.

Outside cover papers to be of a tough and durable quality, and all marbled paper to be of the "peacock" pattern.

Books bound in cloth or buckram to have corners protected with vellum tips. Those bound in half leather to have corners protected with leather. All books to be bound with French joints..

Lettering to be neatly and accurately done in a legible type of a size adapted to the size of the volume.

Books not to be pressed too hard, and to be carefully "opened up," and all books to be collated and any imperfections or missing parts reported before binding.

No book to be trimmed more than is absolutely necessary to secure a smooth edge.

All leather to be free from acid, and not to be unduly pared down.

Flexible glue to be used wherever glue is required.

All books to be returned to the Library within 30 days of their delivery at the bindery.

REBINDING OF FICTION AND MUCH-USED VOLUMES.

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Newspapers to be bound in half duck with eighty pound "Brief Cover" paper sides. To be sewed in the usual way and all single leaves to be guarded around adjoining sections. Special care to be taken in trimming to avoid bleeding.

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Supervisors; Santa Fe Railroad; M. H. Saville and G. G. Heye; W. H. Schulte; S. Seiler; Simpkin, Marshall & Co.; Shakespeare Press; F. A. Smith; Smithsonian Institution; Southern Pacific Co.; Spring Valley Water Co.; E. C. Stock; A. J. Thompson; Tiffany & Co.; Tokoyo, Imperial University; Miss H. Tufts; U. S. Government (through Senator G. C. Perkins); Census Bureau; Civil Service Commission; Coast and Geodetic Survey; Geological Survey; Interstate Commerce Commission; Library of Congress; Manufactures Bureau; National Museum; Public Documents; Superintendent, Statistics Bureau; Weather Bureau; University of California Press; University of Michigan Library; Mrs. S. Van Wyck; J. L. von der Mehden; W. Waddell; Miss M. Walters; Washington (D. C.) Library; Wa-Wan Press; Wisconsin Free Library Commission; F. Zech.

City Attorney's Report

San Francisco, July 1, 1908.

To the Hon. Edward R. Taylor,
Mayor of the City and County of San Francisco.

Sir: In compliance with Section 9, Article XVI, of the Charter, I herewith submit a full report of all the operations of this office for the fiscal year commencing July 1, 1907, and ending June 30, 1908.

I have attempted to make this report as full and exact as possible, but have experienced great difficulty, owing to the destruction and loss of much valuable data and records. In its present form it represents not only a statement of operations of this office for the fiscal year, but a review of all business pending and a report on its present condition.

I have found it impracticable, however, to more than mention the work performed in connection with actions under the Act of June 16, 1906, known as "An Act to provide for the establishing and quieting of title to real property in case of the loss or destruction of public records." Owing to the increasing number of suits filed under this Act, all of which are investigated by this office, and the office and court work consequent thereon, I have found it necessary to establish a title department which demands the constant attention of two assistants. In the examinations made I have found it necessary to appear specially on behalf of the City in about two per cent of the actions filed in order to protect the interests of the City in the property described. To date about one-third of the property owners of San Francisco have availed themselves of the privilege conferred by that Act. The Act expires July, 1909, affording but a year's time within which more than half of the property owners will have to avail themselves of its provisions, and, owing to the general public importance of the re-establishment of real property titles in San Francisco, it is respectfully submitted that yourself and the Board of Supervisors should attempt to secure its re-enactment by the Legislature. It is also respectfully pointed out that the title to all real property belonging to the City and County of San Francisco should be re-established under said Act and an appropriation provided therefor.

The preparation of opinions for the various officers and commissions of the municipality has involved considerable time and work. This duty of the office has assumed an importance of considerable magnitude as is evidenced by the number of opinions rendered during the last six months.

An important duty of the office during the past six months has been the supervision of the proceedings connected with the recent issue of bonds for municipal improvements. All proceedings were submitted to Dillon & Hubbard, attorneys of New York, by whom they were fully approved and their opinion that the proceedings have been legal and correct and that the bonds constitute legal obligations against the City and County has been rendered to the City. On account of the high standing of these attorneys in the eastern states this opinion should be of great aid in the sale of the bonds. The City is to be congratulated upon the speedy termination of all the proceedings preliminary to the issuance of these bonds and the common consent with which all parties interested have accepted their legality without the usual delay and expense of litigation for that purpose.

The following report is respectfully submitted:

U. S. SUPREME COURT.

ACTIONS PENDING IN

Laurel Hill Cemetery vs. City and County of S. F.—Involving constitutionality of Ordinance prohibiting burial of dead bodies within limits of City and County. On October, 1908, calendar for hearing. Writ of error to Supreme Court, State of California.

NEW YORK SUPREME COURT.

ACTIONS PENDING IN

Moritz Walter, et al. vs. Herman Walter, City and County of S. F., et al.—Involving construction of clause in last will of Emanuel Walter bequeathing to the Art Museum of the City and County of S. F. certain objects of art and legacy of \$50,000. Gift is claimed by City and County of S. F. and Regents of University of California and question is to which claimant gift should go. Answer of City filed. Cause submitted on briefs.

U. S. CIRCUIT COURT OF APPEALS.

ACTIONS DETERMINED IN

S. J. Eddy vs. City and County of S. F. June 8, 1908. Involving validity of bonds for widening of Dupont street and liability of City. Judgment in favor of City affirming judgment in U. S. Circuit Court sustaining demurrer.

U. S. CIRCUIT COURT.

ACTIONS PENDING IN

Spring Valley Water Works vs. City and County of S. F. No. 13395.—Injunction to restrain enforcement of Ordinance No. 661, fixing water rates for year 1903-04. Injunction pendente lite granted. Cause tried. Petitioner's opening brief filed. Respondent's brief due.

Spring Valley Water Co. vs. City and County of S. F. No. 13598.—Injunction to restrain enforcement of Ordinance No. 1155, fixing water rates for year 1904-05. Injunction pendente lite granted, awaiting decision in case No. 13395. Consolidated by order of Court with action No. 13395.

Spring Valley Water Co. vs. City and County of S. F. No. 13756.—Injunction to restrain enforcement of Ordinance No. 1433, fixing water rates for year 1905-06. Injunction pendente lite granted, awaiting decision in case No. 13395. Consolidated by order of Court with action No. 13395.

Spring Valley Water Company vs. City and County of S. F. No. 14275.—Injunction to restrain enforcement of Ordinance No. 181 N. S. fixing water rates for year 1907-08. Injunction pendente lite granted, awaiting decision in case No. 13395.

Spring Valley Water Company vs. City and County of S. F. No. 14735.—Injunction to restrain enforcement of Ordinance No. 486 (N. S.) fixing water rates for year 1908-09. Temporary restraining order issued. Order to show cause argued and submitted.

Bank of California vs. City and County of S. F. No. 13902.—To recover \$12,375.00 taxes paid under protest.

United States of America vs. Virginia Vanderbilt, et al. No. 14040.—Eminent domain to condemn land adjacent to Fort Mason, Government Reservation. Demurrer of City overruled. Ready for trial. Involves condemnation of City streets projected on submerged lands.

Pacific States T. & T. Co. vs. Edward J. Smith, Tax Collector, etc. No. 13247.—Injunction to restrain collection of taxes. Order to show cause made and restraining order issued. Order to show cause off calendar.

Wells Fargo & Co. vs. Edward J. Smith, Tax Collector, etc. No. 13246.—Injunction to restrain collection of taxes. Answer filed. Injunction pendente lite granted. Time to take testimony extended.

Wells Fargo & Co. vs. Edward J. Smith, Tax Collector, etc. No. 13409.—Injunction to restrain collection of taxes. Order to show cause argued and submitted. Injunction pendente lite granted August 8, 1904.

Wells Fargo & Co. vs. Edward J. Smith, Tax Collector, etc. No. 13603.—Injunction to restrain collection of taxes. Order to show cause argued and submitted. Injunction pendente lite granted August 8, 1904.

Wells Fargo & Co. vs. Edward J. Smith, Tax Collector, etc. No. 13773.—Injunction to restrain collection of taxes. Restraining order issued. Order to show cause off calendar.

Wells Fargo & Co. vs. Joseph H. Scott, Tax Collector, etc. No. 13101.—Injunction to restrain collection of taxes. Answer filed. Injunction pendente lite granted. Time to take testimony extended.

Eugene LeRoy, et al. vs. City and County of S. F., et al. No. 13394.—Injunction to restrain collection of taxes. Order to show cause made and restraining order issued. March 2, 1908, order to show cause continued for the term.

Bessie Hume (widow) vs. Laurel Hill Cemetery, et al. No. 13547.—Injunction to restrain City from interfering with burial of dead bodies. Answer filed. Time to take testimony extended to February 1, 1909.

ACTIONS DETERMINED IN

Arthur Marten vs. Frank Holbrook, et al. No. 13855.—Damages for alleged unlawful detention in Insane Asylum. Demurrer to amended complaint sustained. Cause dismissed December 9, 1907.

Bank of California vs. City and County of S. F. No. 3440.—Involving legality of assessment levied upon franchise of plaintiff. Dismissed March 2, 1908.

Liquozone Co. vs. Board of Health, etc. No. 13789.—Injunction to restrain interference with sale of liquozone. Dismissed February 10, 1908.

Edward Earle vs. City and County of S. F. No. 13038.—Involving liability of City on bonds for widening of Dupont street. Dismissed March 2, 1908.

Board of Education vs. Alliance Assurance Co.—To recover on insurance policy. Cause tried. Claim compromised. Dismissed.

SUPREME COURT OF CALIFORNIA.

ACTIONS PENDING IN

City and County of S. F. vs. Charles Main, et al. No. 4513.—Involving title to lot of land in Mission Creek.

Rudolph Herman Co. vs. City and County of S. F. No. 4612.—Injunction to restrain opening and extension of Lyon street to Bay of San Francisco. Judgment in Superior Court in favor of City. Argued and submitted.

George L. Center vs. Samuel Davis, et al. No. 42.—To quiet title to portion

of Laguna street between Tonquin and Lewis streets. Judgment in Superior Court in favor of City. Appealed from judgment and order denying new trial. Transcript filed.

Valentine Nerio, et al. vs. Frank A. Maestretti, et al. No. 4787.—Injunction to restrain tearing down of building standing on public street. Judgment in Superior Court in favor of City. Submitted on briefs on file.

Emma L. Merritt, et al. vs. C. J. Barta, et al. No. 4066.—To quiet title to part of fractional block No. 720½. Rehearing from Appellate Court of Cal.

Hugo Asher vs. City and County of San Francisco, et al. No. ————
Injunction to restrain publication of Bill No. 39 by Post Publishing Co. Judgment in Superior Court in favor of City.

ACTIONS DETERMINED IN

George S. Crim, et al. vs. City and County of S. F. No. 4387.—Damages for negligent construction of sewer and injury to plaintiff's land. Judgment in favor of City November 13, 1907.

Charles E. Trower vs. City and County of S. F. No. 3987.—To recover fees collected by the County Clerk upon filing inventories and appraisements in estates of decedents. Judgment for City in Superior Court reversed on appeal December 5, 1907. Cause remanded and set for hearing.

Laurel Hill Cemetery vs. City and County of S. F. No. 3855.—Involving constitutionality of Ordinance prohibiting burial of dead bodies within municipal limits. Judgment of Superior Court in favor of City affirmed December 4, 1907. Taken to U. S. Supreme Court on writ of error.

United Railroads of S. F. vs. E. P. Colgan, etc., E. J. Smith, et al. No. 4368.—Question whether State Board of Equalization or Assessor of City and County of S. F. should collect taxes assessed against plaintiff. Judgment in Superior Court in favor of City. Dismissed as abstract question February 11, 1908.

H. C. Cheeseborough, et al. vs. City and County of S. F. No. 4538.—To recover taxes on shares of stock of a corporation paid under protest. Judgment in Superior Court against City reversed May 12, 1908.

A. E. Little vs. Board of Education.—Mandamus to compel payment of salary. Judgment in Superior Court in favor of City. Appeal dismissed February 3, 1908.

Joseph Rothschild vs. C. A. Bantel, Treasurer, etc. No. 4828.—Injunction to restrain deposit of municipal funds with banks and banking corporations. Judgment in Superior Court in favor of City reversed September 14, 1907.

Board of Education vs. Edward Hyatt.—Mandamus to compel inclusion of Humboldt Evening High School in apportionment of State High School Fund. Dismissed December 6, 1907.

George A. Clough vs. George F. Duffy, et al. No. 4846.—Injunction to restrain payment for certain street repairs out of funds derived from sale of bonds for improving and repairing streets of City. Judgment of Superior Court in favor of City affirmed November 20, 1907.

City and County of S. F. vs. Yankee Brown, et al. No. 4594.—Right of Superior Court to set aside judgment at variance with its minutes after the lapse of six months. Judgment affirming right May 28, 1908.

Hibernia Savings and Loan Society, et al. vs. City and County of S. F.—Injunction to restrain construction of municipal street railroad and collection of taxes therefor. Judgment in Superior Court against City. Dismissed by instructions by Board of Supervisors.

DISTRICT COURT OF APPEAL OF CALIFORNIA,
FIRST APPELLATE DISTRICT.

ACTIONS PENDING IN

Ada M. Martin vs. Board of Education.—Mandamus to compel reinstatement of teacher and for salary. Judgment in Superior Court against City. Record destroyed by fire and not restored.

George Geimann, et al. vs. Board of Police Commissioners, et al.—Mandamus to compel payment of salary. Judgment in favor of City in Superior Court. Set for hearing on August calender.

William H. Langdon vs. Board of Supervisors, et al.—Prohibition to prohibit suspension or removal of District Attorney. Judgment against City in Superior Court. Cause off calender to be restored on motion.

ACTIONS DETERMINED IN

A. E. Little vs. Board of Education.—Certiorari to review dismissal of teacher. Judgment against City in Superior Court reinstating teacher. Stipulation that no further proceedings be had. Appeal to stand.

Laura T. Fowler vs. Board of Education.—Mandamus for reinstatement and for back salary. Judgment against City in Superior Court. Action compromised. Appeal dismissed by direction of Board of Supervisors.

T. L. Ayres, et al. vs. Board of Public Works, et al. No. 4908.—Mandamus to compel issuance of permit to erect stable. Judgment against City in Superior Court. Demand for permit having been withdrawn. Court refused hearing on ground of moot question.

SUPERIOR COURT.

ACTIONS PENDING IN

Patrick J. Trant vs. City and County of S. F. No. 2341.—To recover \$298.80 for goods alleged to have been seized by soldiers. Demurrer to amend complaint filed.

G. B. Firpo vs. City and County of S. F. No. 2342.—To recover \$186.75 for goods alleged to have been seized by soldiers. Demurrer to amended complaint filed.

B. J. Goldman Co. vs. City and County of S. F. No. 3961.—To recover \$494.75 for goods alleged to have been seized by soldiers. Demurrer filed.

Konrad Kober vs. City and County of S. F. No. 3962.—To recover \$1,074.90 for goods alleged to have been seized by soldiers. Demurrer to amended complaint filed.

George Fisher, et al. vs. City and County of S. F. No. 8076.—To recover \$6,000.00 for goods alleged to have been seized by rioters. Answer filed.

Ermini Lecari vs. City and County of S. F. No. 7767.—To recover \$1,966.00 for damages alleged to have been caused to property by mob. Amended answer filed.

Joseph Lecari vs. City and County of S. F. No. 7768.—To recover \$6,705.00 for damages alleged to have been caused to property by mob. Amended answer filed.

C. Franceschini vs. City and County of S. F. No. 9068.—To recover \$3,869.00 for goods alleged to have been destroyed by mob. Answer filed.

G. Massoletti vs. City and County of S. F. No. 9069.—To recover \$8,500.00 for goods alleged to have been destroyed by mob. Answer filed.

J. D. Mardis vs. City and County of S. F. No. 8785.—To recover \$609.47 for goods alleged to have been seized by mob. Answer filed.

E. Franciscovich, et al. vs. City and County of S. F. No. 8789.—To recover \$623.50 for goods alleged to have been seized by mob. Answer filed.

J. C. Hardesty vs. City and County of S. F. No. 8344.—To recover \$796.96 for goods alleged to have been seized by mob. Demurrer filed.

Mark Ragusin, et al. vs. City and County of S. F. No. 8787.—To recover \$450.00 value of goods alleged to have been seized by mob. Answer filed.

H. Galey vs. City and County of S. F. No. 8786.—To recover \$2014.96 value of goods alleged to have been seized by mob. Answer filed.

J. Roux vs. City and County of S. F. No. 8935.—To recover \$2,687.05 value of goods alleged to have been seized by mob. Answer filed.

Chris E. Petersen vs. City and County of S. F. No. 8788.—To recover \$317.50 value of goods alleged to have been seized by mob. Answer filed.

Wells Fargo Nevada Nat. Bank of S. F. vs. City and County of S. F. No. 263.—To recover \$40,750.00 taxes paid under protest. Demurrer filed. Stipulation that action await determination in Crocker vs. Scott.

Fred F. Dunne vs. City and County of S. F. No. 3322.—Mandamus to compel reinstatement as lineman and for \$1,440.00 claimed as salary. Demurrer to second amended complaint filed.

Charles Cramer vs. City and County of S. F. No. 3392.—To recover \$5,211.00 damages for personal injuries. Demurrer filed.

Nellie Armstrong vs. City and County of S. F. No. 4406.—Injunction to restrain removal of building on Willard Street and for \$2,000.00 damages. Answer filed.

Chin Kim You vs. City and County of S. F. 4630.—To recover \$8,300.00 deposited as bail money in Police Court. Answer filed.

Germania National Bank vs. City and County of S. F. No. 9410.—To recover \$4,024.88 taxes paid under protest. Demurrer filed.

G. F. W. Schultze vs. City and County of S. F. No. ————To recover \$5,550.00 damages for deprivation of slot machines. Demurrer filed. Cause off calender.

Lyceum Amusement Co. vs. City and County of S. F. No. 9315.—Injunction to restrain interference with theater. Demurrer to amended complaint off calender.

Western Pacific Ry. Co. vs. City and County of S. F. No. 11,213.—To condemn right of way through part of Potrero, Block No. 265.

Wells Fargo & Co. vs. City and County of S. F. No. 9142.—To recover taxes paid under protest. Answer due.

City and County of S. F. vs. Sarah J. Dorn. No. 6947.—Ejectment to recover possession of lot running westerly along monumental line of Sacramento Street as laid down by Board of Engineers in 1866, 139 6/12 feet; thence at right angles northerly 24 feet 6 ¼ inches to north line of Sacramento Street; thence at right angles easterly 139 6/12 feet to west line of Battery Street, and thence at right angles southerly 24 feet 6 ¼ inches to point of commencement. Answer received.

City and County of S. F. vs. Alliance Assurance Co. No. 6172.—To recover \$4,000.00 on insurance policy in favor of Board of Education. Complaint filed, summons issued.

City and County of S. F. vs. Connecticut Fire Insurance Co. No. 7359.—To recover \$26,000.00 on insurance policy in favor of Free Public Library. Answer received. Cause set for trial.

George S. Crim, et al. vs. City and County of S. F. No. 4462.—To recover taxes paid under protest. Demurrer of Deft, submitted on briefs.

Samuel M. Crim vs. City and County of S. F. No. 11787.—To recover taxes paid under protest. Demurrer of Deft, to complaint submitted on briefs.

E. S. Merriman vs. City and County of S. F. No. 11786.—To recover taxes paid under protest. Demurrer of Deft, to complaint submitted on briefs.

Irene D. Reves vs. Board of Education.—To recover sum of \$1,400.00 alleged to be due as salary. Record destroyed and not restored.

City and County of S. F. vs. Victor Albouze, et al. No. 9054.—To condemn certain property for St. Mary's Square. Answer of Defendants filed. Cause set for trial. Five pieces of property unacquired.

F. W. Minkel vs. Board of Public Works, et al. No. 6706.—To recover \$3,500.00 damages caused by excavation of southerly half of Army Street. Demurrer filed. Cause set for trial, foot of jury calendar.

C. Reimers, et al. vs. Board of Public Works, et al. No. 6707.—To recover \$3,500.00 damages caused by excavation of southerly half of Army Street. Demurrer of Board of Health sustained. Cause set for trial.

Pope & Talbot Lumber Co. vs. Board of Public Works. No. 745.—Injunction to restrain entrance upon premises at Third and King Streets. Answer due.

A. Ferroggiaro vs. Board of Public Works. No. 11923.—Injunction to restrain removal of windmill. Cause set for trial.

C. H. Gish vs. Board of Public Works. No. 12756.—Injunction to restrain interference with completion of building. Demurrer filed.

Jas. F. Sheehan vs. Board of Police Commissioners. No. 14073.—Mandamus to compel reinstatement on retired list of police officers. Demurrer to second amended complaint sustained, leave to amend.

Jas. F. Sheehan vs. Board of Police Relief and Pension Fund Commissioners. No. 14072.—Mandamus to restore to pension roll and for \$1,200.00 pension due. Demurrer to second amended complaint sustained, leave to amend.

Southern Pacific R. R. Co. vs. Serena H. Knight, et al. No. 1653.—To condemn South Beach, Block No. 41. Answer filed.

John D. Spreckels vs. Eugene E. Schmitz, et al. No. 7597.—Mandamus to annul contract for publication of official advertising and to compel re-advertising of proposals for publication of official advertising. Demurrer filed.

H. M. Lober, vs. A. Roncovieri, Supt. of Schools, etc. No. 10440.—Mandamus to compel allowance of demands of certain merchant creditors. Writ issued.

George McCormick vs. J. F. Nichols, Tax Collector, et al. No. 13407.—Mandamus to allow salary demand. Demurrer to amend complaint submitted.

Thomas Stanton vs. J. F. Dinan, et al. No. 859.—To recover personal property or value thereof. Answer due.

Margaret Mahoney vs. Board of Public Works, et al. No. 13898.—Action to restrain construction of free public market on school lot. Demurrer of defendants to 2d amended complaint overruled. Answer of defendants due.

Henry Schmitt vs. Board of Fire Commissioners. No. 13843.—Action to restrain defendants from reducing plaintiff's rank. Appearance due.

City and County of S. F. vs. Schmiedell Estate, et al. No. 14458.—To condemn lot on corner of Merchant and Montgomery Streets. Demurrer pending.

City and County of S. F. vs. Gray Bros., et al. No. 14988.—To restrain defendants from quarrying on portions of Telegraph Hill. Submitted.

People of State of California vs. Gray Bros. No. 14468.—Action to restrain defendants from blasting on Telegraph Hill. Defendants' answer due.

Pacific Humane Society vs. Board of Supervisors, et al. No. 14976.—To compel payment of fines collected for cruelty to animals. Demurrer to amended complaint ready for hearing.

H. N. Berthiaume, et al. vs. Board of Education. No. 15536.—To recover damages for breach of contract to remove Girls High School debris. Demurrers ready for hearing.

Margaret Mahoney vs. Board of Education, et al. No. 16502.—Injunction to restrain defendants from executing lease of Lincoln School lot. Demurrer sustained.

Thos. Reagan, vs. George H. Bahrs, et al. No. 15755.—Certiorari—To set aside approval of appointment of P. Broderick as Supt. of Street Repairs. Submitted.

Schroeder-Herzog Co. vs. W. J. Biggy, et al. No. 15804.—Injunction to restrain defendants from interfering with erection of bill boards. Submitted.

George W. Wittman vs. Police Commissioners. No. 15872.—Mandamus to compel reinstatement of defendant as Captain of Police. Demurrer to amended complaint filed.

Chas. Nonnenman vs. Board of Health, et al. No. 16276.—Injunction to restrain enforcement of health ordinance. Demurrer to amended complaint due.

John Hunt vs. Board of Health, et al. No. 16285.—Injunction to restrain enforcement of health ordinance. Demurrer to complaint due.

Warren Imp. Co. vs. Board of Health, et al. No. 17314.—Injunction to restrain defendants from enforcing health ordinance. Demurrer ready for hearing.

John Center vs. Board of Health, et al. No. No. 16879.—Injunction to restrain defendants from enforcing health ordinance. Submitted on briefs.

Metropolis Trust and Savings Bank vs. City and County of S. F. No. 16009.—To enforce collection of license tax on Bank. Demurrer to amended complaint filed.

J. F. B. Ferry, et al. vs. City and County of S. F. No. 16327.—Injunction to restrain enforcement of health ordinance. Demurrer to complaint due.

George Ryan, et al. vs. City and County of S. F. No. 16605.—Eminent Domain to condemn sewer right of way Hampshire to Army Streets. Ready for trial.

George Geimann vs. City and County of S. F. No. 15776.—To recover salaries of policemen for vacations of 1906. Demurrer filed.

John H. Schutte vs. City and County of S. F. No. 16831.—Injunction to restrain enforcement of Gas Grate Ordinance. Ready for trial.

Met. Redwood Company vs. City and County of S. F. No. 17156.—To recover \$310.62 taxes paid under protest. Appearance due.

H. I. Mulcrevy, et al. vs. City and County of S. F. No. 17404.—To recover fees illegally retained by County Clerk. Demurrer ready for hearing.

H. I. Mulcrevy, et al. vs. City and County of S. F. No. 17405.—To recover fees illegally retained by County Clerk. Demurrer ready for hearing.

T. L. Ayres, et al. vs. Board of Public Works. No. 16531.—Mandamus to compel defendants to issue permit to construct stable. Defendants' brief due.

C. F. Hornung vs. Wm. Ophuls, et al. No. 16366. Injunction to restrain enforcement of health ordinance. Demurrer to complaint due.

Sarah Bennett vs. A. S. Cuttler, et al. No. 16401.—Mandamus to compel defendants to award plaintiff pension. Submitted.

Varney & Green vs. W. J. Biggy, et al. No. 13302.—Injunction to restrain defendants from interfering with erection of bill boards. Demurrer submitted.

R. Flaherty vs. David Bush, et al. No. 17322.—Injunction to restrain sale of property for non-payment of taxes. Demurrer ready for hearing.

ACTIONS DETERMINED IN

Charles Kreuckel, et al. vs. City and County of S. F. No. 3960.—To recover \$3,500.00 for goods destroyed by mob. Judgment for City, May 28, 1908.

J. A. Waldteufel vs. City and County of S. F. No. 9037.—To recover \$359.76 tax paid for hospital and school building purposes. Demurrer sustained. Dismissed.

Y. Eimoto vs. City and County of S. F. No. 10638.—To recover \$2,575.00 damages to property by a mob. Judgment by stipulation against City in sum of \$450.00. Settled by instruction of Board of Supervisors.

City and County of S. F. vs. J. Boardman.—To condemn land for Park and Presidio Extension. Offer to sell accepted. Dismissed. Record destroyed by fire.

City and County of S. F. vs. E. J. Bassett. No. 99586.—To condemn land for Park and Presidio Extension. Offer to sell accepted. Dismissed. Record destroyed by fire.

Michael Conniff vs. City and County of S. F.—To recover damages in sum of \$1,000.00 alleged to have been done to property by grading of Montgomery Avenue. Judgment against City for \$750.00. Settled by payment of \$1,000.00 in full of all past and future claims. Covenant running with land to secure City against further liability executed and delivered.

H. M. Shaw vs. City and County of S. F. No. 4064.—To recover \$5,600.95 salaries of Deputy Registrars for October, 1904. Judgment against City. Judgment not entered.

Otis Elevator Co. vs. City and County of S. F. No. 11347.—To recover value of elevator, installed in City Hall before the fire of 1906. Judgment for plaintiff by stipulation upon instructions of Board of Supervisors.

City and County of S. F. vs. Florence G. Perine, et al. No. 12329.—To condemn portion of 50 vara Block No. 69, Hall of Justice site. Judgment condemning land and fixing value at \$22,000.00. Judgment satisfied.

C. F. Heide vs. City and County of S. F. No. 8992.—To recover \$2,307.10 damages caused by mob. Dismissed.

City and County of S. F. vs. Elen M. Goff, et al. No. 5180.—To condemn land for Library site in Western Addition, Block No. 73. Judgment condemning land and assessing value at \$9,500.00 September 24, 1907. Judgment satisfied.

Wm. A. Rapp vs. David Bush, et al. No. 16297.—Mandamus to compel issuance of liquor license. Judgment against City May 12, 1908.

Margaret Mahoney vs. Alfred Roncovieri, Supt. of Schools, etc. No. 9384.—Prohibition to prevent trial of plaintiff by Board of Education. Demurrer sustained. Notice of sustaining of demurrer filed April 28, 1908.

Peter A. Gilleni vs. Board of Trustees of Police Relief and Pension Fund, et al. No. 6948.—Mandamus to compel allowance and issuance of warrants for \$565.00. Dismissed October 25, 1907.

J. A. Waldteufel vs. James Gallagher, et al. No. 6933. Mandamus to compel payment of demand for \$68.92. Dismissed.

M. Shibata, et al. vs. J. F. Dinan, et al. No. 7377. Injunction restraining disposition of property and determination of title thereto. Waiver of Dinan filed. Judgment for plaintiff declaring ownership of property.

M. Shibata, et al. vs. J. F. Dinan, et al. No. 7996. To declare certain personal property held in trust. Waiver of Dinan filed. Judgment for plaintiff declaring ownership of property.

Arthur Martin vs. T. Hollbrok, City and County of S. F., et al.—To recover for false imprisonment. Dismissed as to City, by failure to include as defendants in amended complaint after demurrer of City sustained.

William A. Cole, et al. vs. James P. Booth, et al. No. 11090.—Injunction to restrain defendants from meeting as Board of Supervisors of City and County of S. F. Dismissed.

John L. Polito, et al. vs. S. W. Horton, et al. No. 11592.—Injunction to restrain audit and payment of salaries for employees in District Attorney's office. Order to show cause discharged.

Frank H. Gardiner vs. Edward R. Taylor, Mayor, etc., et al. No. 13330.—Mandamus to compel transfer of \$25,000.00 to fund for redemption of Telegraph Hill Park Bonds. Alternative Writ issued. January 8, 1908, dismissal filed.

J. B. O'Connor vs. C. A. Bantel, Treasurer, et c. No. 10917.—Action to restrain payment of claims against Board of Education. Judgment for defendants September 6, 1907.

John Mooney vs. Board of Police Commissioners, et al. No. 10989.—Certiorari to review dismissal of plaintiff from Police Department. Judgment for plaintiff annulling dismissal entered upon instructions from Police Commissioners. February 28, 1908.

Daniel O'Connell vs. S. W. Horton, Auditor, et al. No. 12141.—Injunction to restrain audit and payment of salary. Demurrer sustained. Cause dismissed.

Alfred Roncovieri vs. Edward R. Taylor, Mayor, et al. No. 11556. Mandamus to compel submission to voters of proposed amendments to Charter relating to Public Schools. Judgment for defendants.

Edward Zion vs. Edward R. Taylor, Mayor, et al. No. 11560.—Mandamus to compel submission to voters of proposed amendments to Charter relating to compensation of employees of City. Judgment for defendants.

City and County of S. F. vs. Lucy Wade. Eminent domain to condemn northwest corner of Lake and Fourteenth Streets for Park Extension. Judgment for City assessing value at \$4,500.00.

SUPERIOR COURT.

ACTIONS PENDING, RECORDS IN WHICH WERE DESTROYED BY FIRE OF 1906 AND NOT RESTORED.

Atchison, et c. R. R. Co. vs. City and County of S. F.—To recover taxes paid under protest for fiscal year 1904-1905.

Irene Ake vs. City and County of S. F.

Anderson vs. City and County of S. F.—To recover for damages by mob of soldiers outside Presidio Reservation. Set for trial August 1, 1906.

Bannan, et al. vs. City and County of S. F.—To recover for personal injuries from caving of sewer excavation while employed by Board of Public Works.

Blumenberg vs. City and County of S. F.—To recover for damages by mob.

Columbia Savings & Loan Society vs. City and County of S. F.—To recover taxes 1906.

Joseph Cuneo vs. City and County of S. F.—To recover damages for break in sewer.

George F. Cameron vs. City and County of S. F.—Action on judgment.

G. Cadenasso vs. City and County of S. F.—To recover damages from blasting.

Ellen Dore as Administratrix, et al. vs. City and County of S. F.—To recover \$34.47 taxes paid under protest.

Ellen Dore, et al. vs. City and County of S. F.—To recover \$62.60 taxes paid under protest.

First National Bank vs. City and County of S. F.—To recover \$258.12 taxes paid under protest.

Frank M. Greenwald, Ex., et al. vs. City and County of S. F.—To recover fees.

Jos. D. Grand as Ex. vs. City and County of S. F.—To recover \$260.53 taxes paid under protest.

Douglas Grant, a minor vs. City and County of S. F.—To recover \$286.32 taxes paid under protest.

Joseph D. Grant vs. City and County of S. F.—To recover \$344.35 taxes paid under protest.

J. D. Grant vs. City and County of S. F.—To recover \$101.35 taxes paid under protest.

- Hill vs. City and County of S. F.—Involving validity of Montgomery Avenue bonds.
- C. Hirsch vs. City and County of S. F.—To recover license tax.
- Belle D. Hobron vs. City and County of S. F.—To recover damages, removal of lateral support.
- E. S. and S. W. Heller vs. City and County of S. F.—To recover \$75.12 taxes paid under protest.
- Virginia Kornfield vs. City and County of S. F.—To recover \$155.32 taxes paid under protest.
- Henry Kohler vs. City and County of S. F.—To recover \$81.48 taxes paid under protest.
- Lies vs. City and County of S. F.
- R. H. Loyd, et al. vs. City and County of S. F.—To recover \$226.52 taxes paid under protest.
- Reuben H. Loyd vs. City and County of S. F.—To recover \$567.52 taxes paid under protest.
- Murphy, Grant & Co. vs. City and County of S. F.—To recover \$782.44 taxes paid under protest.
- Hannah McClure vs. City and County of S. F.—To recover \$26.95 taxes paid under protest.
- Murphy vs. City and County of S. F.—To recover for services.
- Mish vs. City and County of S. F.—To recover for services.
- F. M. Quackenbush vs. City and County of S. F.—To recover for material furnished almshouse.
- S. C. Riordan vs. City and County of S. F.—To recover for services.
- Nelson J. Rogers vs. City and County of S. F.
- Russ Estate Co. vs. City and County of S. F.—To recover \$1,024.25 taxes paid under protest.
- Society of Cal. Pioneers vs. City and County of S. F.—Involving validity of tax levy.
- S. F. Gas Co. vs. City and County of S. F.—To recover taxes 1904-05 paid under protest.
- Sanford Sachs, as Trustee vs. City and County of S. F.—To recover \$48.5f taxes paid under protest.
- Clara Sachs vs. City and County of S. F.—To recover \$178.40 taxes paid under protest.
- Martin Sachs vs. City and County of S. F.—To recover \$157.62 taxes paid under protest.
- Santiago Uribe vs. City and County of S. F.—To recover damages, falling from Telegraph Hill into excavation made by Gray Bros.
- Henry Van Bergen, Ex. vs. City and County of S. F.—To recover \$639.35 taxes paid under protest.
- William S. Wood vs. City and County of S. F.—To recover \$45.55 taxes paid under protest.
- Mary B. Wood vs. City and County of S. F.—To recover \$30.61 taxes paid under protest.
- Geo. K. Frink vs. City and County of S. F.—To quiet title to property S.W. Jackson and Devisadero Streets.
- Henshaw vs. City and County of S. F.—To quiet title.
- Andrew B. Knox vs. City and County of S. F.—To quiet title.
- P. J. Muller vs. City and County of S. F.—To quiet title to N.E. corner Indiana and Marin Streets N. 50 by E. 100.
- John F. Noonan vs. City and County of S. F.—To quiet title to portion of outside land, Block No. 399, east line of Twentieth Avenue, 175 feet north Fulton Street, N. 50 by E. 100.
- James C. Perine, Adm. of Estate of Bensley, et al. vs. City and County of S. F.—To quiet title.

John Partridge, Ex. etc. vs. City and County of S. F.—To quiet title to lot north line of Commercial Street, 325 feet east of Drumm Street, E. 144 $\frac{3}{4}$ by N. 59 9-12 feet.

John Rosenfelds Sons vs. City and County of S. F.—To quiet title to S.W. corner of Kearny and Clay Streets.

Leroy Schlesinger vs. City and County of S. F. —To quiet title to lot on Brannan Street.

City and County of S. F. vs. John Center, et al.—To quiet title to Mission Creek. Judgment for certain defendants. Bill of exception in course of settlement.

N. Bell vs. City and County of S. F.—To recover taxes paid under protest.

White, et al. vs. City and County of S. F.—Three actions with this title. To recover against bondsmen of Commissioners of Public Works for defalcation of White.

Giant Powder Works vs. City and County of S. F.

Andrews, et al. vs. City and County of S. F.—To quiet title to Franklin Square.

City and County of S. F. vs. Cushing Wetmore Co.—Injunction to enjoin blasting and quarrying of rock.

City and County of S. F. vs. Gray, et al—Three suits. Same.

City and County of S. F. vs. Globe Grain & Milling Co.—Same.

W. F. Whittier vs. City and County of S. F.—To recover \$293.06 taxes.

Curtis vs. Ward, et al.—Mandamus to compel allowance of salary demands of Sanitary Inspectors.

Hartley vs. Ward, et al.—Same.

Green vs. Ward, et al.—Same.

Creighton vs. Board of Supervisors.—Mandamus to compel appropriation of money to petitioner under Act of Legislature.

Dwyer vs. Board of Education.—Certorari involving re-instatement of teacher.

Langerman vs. Board of Public Works.—To compel removal of spur tracks to warehouses.

Henshaw vs. McCarthy, et al.—To quiet title.

S. P. Company vs. Board of Public Works.—Injunction to restrain tearing up of tracks in Mission District.

Quinn vs. Baehr.—Injunction to restrain payment of salaries of employees alleged to have been appointed in violation of provisions of the Charter.

Symmes vs. Baehr.—Same.

Symmes vs. McDougald, et al.—Same.

City and County of San Francisco vs. The Shiels Estate Company, et al. No. 60,449.—Action to quiet title to portion of Mission Block No. 43.

JUSTICES' COURT OF THE CITY AND COUNTY OF SAN FRANCISCO.

ACTIONS PENDING IN

J. Holst vs. City and County of S. F. No. 5661.—To recover \$164.80 damages to goods by a mob. Answer filed.

Rudolph Landerman, vs. City and County of S. F. No. 5662.—To recover \$195.30 damages to goods by a mob. Answer filed.

G. P. Hall vs. City and County of S. F. No. 4890.—To recover possession of personal property of \$299.99 value thereof. Answer filed.

Paul M. Nippert Co. vs. City and County of S. F. No. 14581.—To recover \$80.00 for damages caused by mob. Demurrer filed.

Paul M. Nippert Co. vs. City and County of S. F. No. 14582.—To recover \$29.00 for damages caused by a mob. Demurrer filed.

Thomas Dwyer vs. City and County of S. F. No. 15642.—To recover dance hall license fee. Ready for trial.

Thos. Havey vs. City and County of S. F. No. 15643.—Same.

P. Johnston, et al. vs. City and County of S. F. No. 15644.—Same.

Chas. Nelsen, et al. vs. City and County of S. F. No. 15645.—Same.

Fred Howes vs. City and County of S. F. No. 15646.—Same.

C. Carli vs. City and County of S. F. No. 15647.—Same.

Wolnar vs. City and County of S. F. No. 15648.—Same.

F. Schivo vs. City and County of S. F. No. 15649.—Same.

Alex Griffeth vs. City and County of S. F. No. 15650.—Same.

Sven Danielsen vs. City and County of S. F. No. 15651.—Same.

Henry R. Cosbie vs. City and County of S. F. No. 15652.—Same.

Wm. A. Rapp vs. City and County of S. F. No. 15653.—Same.

H. Bennett vs. City and County of S. F. No. 15654.—Same.

M. Argeres vs. City and County of S. F. No. 15655.—Same.

N. Tara vs. City and County of S. F. No. 15656.—Same.

J. B. Antonini vs. City and County of S. F. No. 15657.—Same.

John Main vs. City and County of S. F. No. 15658.—Same.

A. Pedranzini vs. City and County of S. F. No. 15659.—Same.

JUSTICES' COURT.

ACTIONS PENDING, RECORDS IN WHICH WERE DESTROYED BY FIRE OF 1906 AND NOT RESTORED.

Mary T. Goff, Administratrix vs. City and County of S. F.—To recover damages.

Horner vs. City and County of S. F.—Riot case, Presidio.

Stetson, Renner Rrayage Co. vs. City and County of S. F.—Riot case.

ACTIONS TO OBTAIN DECREE QUIETING TITLE AGAINST CITY AND COUNTY OF SAN FRANCISCO IN LIEU OF A CITY DEED.

PENDING.

H. J. Curtaz vs. No. 2259.—To lot on northerly line of O'Farrell Street, 220 feet easterly from easterly line of Stockton Street. Answer due.

Dempster Estate Co. vs. No. 4670.—To portion of 100 Vara Lot No. 202. Answer filed.

Belle Sequine, et al. vs. No. 4320.—To portion of South Beach and Water Lot Survey, lot No. 40. Answer of City filed.

Elvia A. E. Becker vs. No. 2499.—To portion of Mission Block No. 55, and part of Mission Block No. 56. Answer of City filed.

J. T. Bloomfield vs. No. 13,465.—To several lots in O'Neil and Haley Tracts. Pleading due.

E. M. Galvin vs. No. 591.—To portions of Western Addition Block No. 259. Answer filed. Cause set for trial.

Elizabeth L. O'Connor vs. No. 12,971.—To portion of Western Addition Block No. 352. Answer filed.

Mary C. Bagley vs. No. 13,795.—To quiet title to lots as described in complaint. Ready for trial.

Mary C. Bagley vs. No. 13,796.—To quiet title to several lots as described in complaint. Ready for trial.

Mary C. Bagley vs. No. 13,797.—To quiet title to portions of Western Addition, Block No. 842.

Mary C. Bagley vs. No. 13,798.—To quiet title to several lots described in complaint. Ready for trial.

Mary C. Bagley vs. No. 13,799.—To quiet title to several lots described in complaint. Ready for trial.

Mary C. Bagley vs. No. 13,800.—To quiet title to several lots described in complaint. Ready for trial.

Elizabeth A. Horn vs. No. 14,626.—To portions of Potrero Nuevo Block No. 17.

Etna Building Company vs. No. 14,722.—To portions of Western Addition Block No. 23.

John Melnefhy vs. No. 14,724.—Portions of Potrero Block No. 122.

Jos. Pincus vs. No. 14,795.—To part of Western Addition Block No. 155.

Sarah Hayden vs. No. 14,798.—To part of Mission Block No. 16.

George D. Herrick vs. No. 14,790.—To part of Mission Block No. 101. Ready for trial.

J. Labataille vs. No. 14,791.—To part of Western Addition Block No. 341. Ready for trial.

C. C. Dean vs. No. 14,796.—To part of 100 Vara Lot No. 76. Ready for trial.

A. Ertseid vs. No. 14,792.—To part of 100 Vara Block No. 363. Ready for trial.

G. Tafanelli vs. No. 14,793.—To part of Western Addition Block No. 248. Ready for trial.

B. Getz vs. No. 14,862.—To part of Outside Land, Block No. 1057. Ready for trial.

L. Toso vs. No. 14,858.—To part of Mission Block No. 53. Ready for trial.

Hugo Schubert vs. No. 14,860.—To part of Mission Block No. 40. Ready for trial.

A. Johnson vs. No. 14,859.—To part of Outside Land, Block No. 1044. Ready for trial.

B. Cademartori vs. No. 14,857.—To part of Western Addition Block No. 117. Ready for trial.

Robert H. Peat vs. No. 14,861.—To part of Outside Land Block No. 816. Ready for trial.

Real Property Improvement Co. vs. No. 14,964.—To part of Western Addition Block No. 75. Ready for trial.

F. Miladi vs. No. 14,969.—To part of Western Addition Block No. 48. Ready for trial.

Otto Von Rhein vs. No. 14,972.—To part of Western Addition Block No. 52. Ready for trial.

C. Ingwerssen vs. No. 14,973.—To part of Mission Block No. 101. Ready for trial.

Jean Dupas vs. No. 14,966.—To part of Western Addition Block No. 283. Ready for trial.

M. G. Buckley et al. vs. No. 14,971.—To part of Western Addition Block No. 283. Ready for trial.

M. L. Young vs. No. 14,967.—To part of Western Addition Block No. 461. Ready for trial.

Mary S. Jones vs. No. 14,968.—To part of Western Addition Block No. 242. Ready for trial.

Helen M. Townsend vs. No. 14,970.—To part of Western Addition Block No. 509. Ready for trial.

John Bohlrn vs. No. 15,052.—To part of Western Addition, Block No. 272. Ready for trial.

August Vetter vs. No. 15,055.—To part of Potrero Nuevo Block No. 67. Ready for trial.

M. J. Boharinan vs. No. 15,054.—To part of Mission Block No. 25. Ready for trial.

Alvin G. Selig vs. No. 15,050.—To part of Western Addition Block No. 199. Ready for trial.

C. E. Knickerbocker vs. No. 15,051.—To part of Western Addition Block No. 272. Ready for trial.

A. H. Hammond vs. No. 15,053.—To part of Western Addition Block No. 320.

A. K. Finlay vs. No. 15,048.—To part of Mission Block No. 118. Ready for trial.

Mary C. Malloye vs. No. 15,049.—To part of Western Addition Block No. 265. Ready for trial.

Katherine Reichardt vs. No. 15,158.—To part of Western Addition Block No. 608. Ready for trial.

H. H. Dignan vs. No. 15,159.—To part of Western Addition Block No. 134. Ready for trial.

M. G. Buckingham vs. No. 15,160.—To part of Western Addition Block 420. Ready for trial.

Lola Davis vs. No. 15,161.—To part of Mission Block No. 7. Ready for trial.

John Horstman Co. vs. No. 15,162.—To part of Western Addition Block No. 154. Ready for trial.

M. C. Horrtzsche vs. No. 15,163.—To part Outside Lands Block No. 254. Ready for trial.

F. Heitmeyer, et al. vs. No. 15,164.—To part of Western Addition Block No. 458. Ready for trial.

W. H. Kerrigan, et al. vs. No. 15,240.—To part of Western Addition Block No. 233. Ready for trial.

Adolph Gisen vs. No. 15,236.—To part of Mission Block No. 96. Ready for trial.

James A. Gray vs. No. 15,238.—To part Potrero Nuevo Block No. 40. Ready for trial.

H. S. Williamson vs. No. 13,237.—To part of Western Addition Block No. 314. Ready for trial.

T. D. Elwell vs. No. 15,235.—To part of Outside Lands Block No. 808. Ready for trial.

P. J. Cheli, et al. vs. No. 15,239.—To part of Western Addition Block No. 171. Ready for trial.

Henry C. Hahn, et al. vs. No. 15,233.—To part of Western Addition Block No. 313. Ready for trial.

F. W. Webster, et al. vs. No. 15,234.—To part of Western Addition Block No. 574. Ready for trial.

Matilda Sullivan vs. No. 15,364.—To part of Western Addition Block No. 152. Ready for trial.

Wm. W. Mackay vs. No. 15,365.—To part of Western Addition Block No. 500. Ready for trial.

M. O. Austin vs. No. 15,366.—To lots in Mission Block No. 39. Ready for trial.

Sol Lewis vs. No. 15,367.—To part of Western Addition Block No. 224. Ready for trial.

R. P. Thompson vs. No. 15,369.—To part of Mission Block No. 117. Ready for trial.

H. Lindstrom vs. No. 15,370.—To part of Mission Block No. 26. Ready for trial.

Lena Lowenstein vs. No. 15,371.—To part of Western Addition Block No. 453. Ready for trial.

Ellen Sears vs. No. 15,372.—To part of Mission Block No. 140. Ready for trial.

Hugh McLaughlin vs. No. 15,422.—To part of Mission Block No. 22. Ready for trial.

O. G. Sage vs. No. 15,423.—To part of Western Addition Block No. 457. Ready for trial.

John Demartini vs. No. 15,424.—To part of Western Addition Block No. 211. Ready for trial.

John Young, et al. vs. No. 15,425.—To part of Mission Block No. 77. Ready for trial.

Julia Lyon vs. No. 15,426.—To part of Mission Block No. 11. Ready for trial.

A. L. Love, et al. vs. No. 15,427.—To part of Mission Block No. 39. Ready for trial.

F. M. Elmendorf, et al. vs. No. 15,428.—To part of Western Addition Block No. 420. Ready for trial.

Thomas Roach vs. No. 15,429.—To part of Mission Block No. 84. Ready for trial.

Michael Lynch vs. No. 15,496.—To part of Mission Block No. 175. Ready for trial.

Kate E. Kean vs. No. 15,497.—To part of Western Addition Block No. 441. Ready for trial.

Chas. F. Eckhardt vs. No. 15,498.—To part of Potrero Nuevo Block No. 15. Ready for trial.

Harry R. Hope vs. No. 15,499.—To part of Potrero Nuevo Block No. 51. Ready for trial.

H. Wallfisch, et al. vs. N. 15,500.—To part of Western Addition Block No. 458. Ready for trial.

Luigi Arata, et al. vs. No. 15,501.—To part of Mission Block No. 78. Ready for trial.

Chas. Brown vs. No. 15,502.—To part of Mission Block No. 68. Ready for trial.

Cecellia E. Norton vs. No. 15,503.—To part of Mission Block No. 22. Ready for trial.

Margaret Brown vs. No. 15,612.—To part of Mission Block No. 101. Ready for trial.

Jos. Bunner vs. No. 15,615.—To part Outside Lands Block No. 662. Ready for trial.

Loretta Caesar vs. No. 15,614.—To part of Western Addition Block No. 219. Ready for trial.

Jos. W. Connelly vs. No. 15,616.—To part of Potrero Nuevo Block No. 51. Ready for trial.

Isaac Finkelstein vs. No. 15,611.—To part of Western Addition Block No. 432. Ready for trial.

David Harris vs. No. 15,618.—To part of Western Addition Block No. 431. Ready for trial.

F. B. Rauk vs. No. 15,619.—To part of Western Addition Block No. 312. Ready for trial.

Hiram Smith, et al. vs. No. 15,613.—To part of Western Addition Block No. 280. Ready for trial.

Henry Hader, et al. vs. No. 15,685.—To part of Mission Block No. 68. Ready for trial.

W. R. Pease vs. No. 15,686.—To part of Mission Block No. 74. Ready for trial.

John O Bellis vs. No. 15,684.—To part of Mission Block No. 118. Ready for trial.

Marion I. Kemble vs. No. 15,687.—To part of Western Addition Block No. 235. Ready for trial.

Trustees, First United Presbyterian-Congregational vs. No. 15,688.—To part of Western Addition Block No. 381.

Susan W. Sevain vs. No. 15,689.—To part of Western Addition Block No. 26.

James McFarland, et al. vs. No. 15,690.—To part of Western Addition Block No. 442. Ready for trial.

George Largomarsino vs. No. 15,691.—To part of Western Addition Block No. 200. Ready for trial.

Henry Geilfuss vs. No. 15,781.—To part of Western Addition Block No. 66. Ready for trial.

Emma G. Butler vs. No. 15,782.—To several lots. Ready for trial.

Henry A. Duffield vs. No. 15,783.—To part of Western Addition Block No. 21. Ready for trial.

F. F. Schoettler vs. No. 15,784.—To part of Mission Block No. 39. Ready for trial.

C. B. Marchand vs. No. 15,785.—To part of Western Addition Block No. 272. Ready for trial.

J. H. Coleman vs. No. 15,786.—To part of Mission Block No. 52. Ready for trial.

S. Ducas Co. vs. No. 15,787.—To part of Western Addition Block No. 150. Ready for trial.

Stanley Forbes, et al. vs. No. 15,788.—To part of Mission Blocks Nos. 31 and 62. Ready for trial.

J. H. Speck vs. No. 16,052.—To part Outside Lands Block No. 367. Ready for trial.

Sol Getz, et al. vs. No. 16,053.—To part of Outside Lands Block No. 813. Ready for trial.

Louis Sloss vs. No. 16,054.—To part of Outside Lands Blocks Nos. 794 and 839. Ready for trial.

N. C. Kist vs. No. 16,055.—To part of Outside Lands Block No. 1059. Ready for trial.

Harriet Brownell vs. No. 16,056.—To part of Outside Lands Block No. 1118. Ready for trial.

Nathan Rogers vs. No. 16,057.—To part of Outside Lands Block No. 657. Ready for trial.

Grace Schaden vs. No. 16,164.—To part of Outside Lands Block No. 737. Ready for trial.

H. E. Sherman vs. No. 16,165.—To part of Western Addition Block No. 321. Ready for trial.

Elsie Bowman vs. No. 16,166.—To part of Outside Lands Block No. 1141. Ready for trial.

Clara N. Luce vs. No. 16,167.—To part of Western Addition Block No. 317. Ready for trial.

A. Serensky vs. No. 16,168.—To part of Mission Block No. 10. Ready for trial.

S. F. & Los Angeles R. Co. vs. No. 16,169.—To several lots. Ready for trial.

- Chas. W. Mulloy vs. No. 16,235.—To part of Western Addition Block No. 609. Ready for trial.
- Dinkelspeil Estate Co. vs. No. 16,236.—To part of Mission Block No. 96. Ready for trial.
- Jewett Land Co. vs. No. 16,237.—To part of Western Addition Block No. 418. Ready for trial.
- Albert A. White vs. No. 16,238.—To part of Western Addition Block No. 418. Ready for trial.
- Frank McGovern vs. No. 16,239.—To part of Western Addition Block No. 214. Ready for trial.
- Jos. Cobanna vs. No. 16,240.—To part of Western Addition Block No. 385. Ready for trial.
- Ida C. E. Freyer, et al. vs. No. 16,241.—To part of Western Addition Block No. 313. Ready for trial.
- Wm. J. Clasby vs. No. 16,314.—To part of Western Addition Block No. 117. Ready for trial.
- Mary Cassidy vs. No. 16,315.—To part of Mission Block No. 96. Ready for trial.
- Phillip Jackson, et al. vs. No. 16,316.—To part of Outside Lands Block No. 681. Ready for trial.
- Mary E. Mook, et al. vs. No. 16,317.—To portion of Mission Block No. 22. Ready for trial.
- Anna Hollin, et al. vs. No. 16,318.—To portion of Mission Block No. 28. Ready for trial.
- Starr Estate Co. vs. No. 16,319.—To part of 50 Vara Lot No. 16. Ready for trial.
- Katherine Shaffer, et al. vs. No. 16,320.—To portion of Mission Block No. 25. Ready for trial.
- Western Pacific Ry. Co. vs. No. 16,478.—To several lots. Ready for trial.
- Minnie E. Cary, et al. vs. No. 16,471.—To part of Western Addition Block No. 650. Ready for trial.
- Stuart F. Smith, et al. vs. No. 16,472.—To part of Potrero Nuevo Block No. 40. Ready for trial.
- Andrew J. Clunie vs. No. 16,473.—To part of Western Addition Block No. 287. Ready for trial.
- L. C. Robinson, et al. vs. No. 16,474.—To part of Western Addition Block No. 267. Ready for trial.
- John Ryan, et al. vs. No. 16,475.—To part of Potrero Nuevo Block No. 334. Ready for trial.
- R. Marguard vs. No. 16,577.—To part of Outside Lands Block No. 664. Ready for trial.
- John Cassinerio vs. No. 16,578.—To part of Mission Block No. 122. Ready for trial.
- Wm. A. Hench vs. No. 16,579.—To part of Outside Lands Block No. 684. Ready for trial.
- The Mission Bank vs. No. 16,580.—To part of Mission Block No. 35. Ready for trial.
- D. H. Walker, et al. vs. No. 16,581.—To part of Western Addition Block No. 391. Ready for trial.
- Catherine Mooney, et al. vs. No. 16,582.—To part of Potrero Nuevo Block No. 51. Ready for trial.
- Mary Attridge vs. No. 16,583.—To part of Western Addition Block No. 362. Ready for trial.
- H. J. Eiben vs. No. 16,739.—To part of Western Addition Block No. 219. Ready for trial.
- Margaret Kenny vs. No. 16,740.—To part of Potrero Nuevo Block No. 305. Ready for trial.

M. G. Buckley vs. No. 16,741.—To part of Outside Lands Block No. 878. Ready for trial.

A. C. Kinsey vs. No. 16,742.—To part of Western Addition Block No. 849. Ready for trial.

Rosa Wolff vs. No. 16,743.—To part of Mission Block No. 121. Ready for trial.

George Guthrie vs. No. 16,744.—To part of Potrero Nuevo Block No. 155. Ready for trial.

Frances M. Greene vs. No. 16,745.—To part of Western Addition Block No. 461. Ready for trial.

Ludwig Arnstein vs. No. 16,894.—To part of Western Addition Block No. 87. Ready for trial.

Steiger Kerr Co. vs. No. 16,962.—To part of Mission Block No. 51. Ready for trial.

Sol J. Levy vs. No. 16,963.—To Outside Lands Block No. 72. Ready for trial.

W. J. Borrmann, et al. vs. No. 16,964.—To part of Mission Block No. 16. Ready for trial.

M. A. McLaughlin vs. No. 16,965.—To part of Outside Lands Block No. 258. Ready for trial.

Fred. Heintz vs. No. 16,966.—To part of Mission Block No. 117. Ready for trial.

Frank Meyers vs. No. 17030.—To part of Outside Lands Block No. 352. Ready for trial.

W. H. Poster, et al. vs. No. 17031.—To part of Mission Block No. 56. Ready for trial.

Sarah Harmon vs. No. 17,032.—To part of Mission Block No. 104. Ready for trial.

Barthold Meyer vs. 17,033.—To part of Western Addition Block No. 609. Ready for trial.

P. H. Muller vs. No. 17,034.—To part of Western Addition Block No. 456. Ready for trial.

Clarkson Swain vs. No. 17,035.—To part of Western Addition Block No. 611. Ready for trial.

John Bertorelli vs. No. 17,036.—To part of Western Addition Block No. 375. Ready for trial.

Wm. G. Unangst vs. No. 17,037.—To part of Outside Lands Block No. 780. Ready for trial.

W. W. Kerr vs. No. 17,038.—To part of Mission Block No. 51. Ready for trial.

W. E. Williams, et al. vs. No. 17,039.—To part of Mission Block No. 104. Ready for trial.

A. S. Johnson vs. No. 17,147.—To part of Western Addition Block No. 193. Ready for trial.

Homestead Realty Co. vs. No. 17,148.—To part of Richmond Block No. 225. Ready for trial.

Reine W. Marx vs. No. 17,149.—To part of Western Addition Block No. 350. Ready for trial.

Carrie A. Frank vs. No. 17,150.—To part of Outside Lands Block No. 72. Ready for trial.

Ella Ryan vs. No. 17,151.—To part of Mission Block No. 56. Ready for trial.

Maurice Aron vs. No. 17,152.—To part of Outside Lands Block No. 72. Ready for trial.

George W. O'Donnell vs. No. 17,153.—To part of Western Addition Block No. 309. Ready for trial.

Israel Schwartz vs. No. 17,154.—To part of Outside Lands Block No. 72. Ready for trial.

W. N. Starrb, et al. vs. No. 17,155.—To part of Mission Block No. 143. Ready for trial.

Henry Mugge vs. No. 15,368.—To part of 100 Vara Lot No. 65. Ready for trial.

A. Sorenson, et al. vs. No. 17,219.—To part of Potrero Nuevo Block No. 155. Ready for trial.

John Connelly, et al. vs. No. 17,220.—To part of Mission Block No. 95. Ready for trial.

Fred J. Clark vs. No. 17,221.—To part of Mission Block No. 71. Ready for trial.

J. G. Hanna, et al. vs. No. 17,222.—To part of Mission Block No. 29. Ready for trial.

Peter Droge vs. No. 17,223.—To part of Western Addition Block No. 593. Ready for trial.

Alice F. Pless, et al. vs. No. 17,224.—To part of Mission Block No. 22. Ready for trial.

Anna A. O'Connell, et al. vs. No. 17,225.—To part of Western Addition Block No. 119. Ready for trial.

Alvina Vidaver vs. No. 17,226.—To part of Western Addition Block No. 309. Ready for trial.

W. Gillham, et al. vs. No. 17,227.—To part of Potrero Nuevo Block No. 157. Ready for trial.

DETERMINED.

Aaron Kohn, et al. vs. No. 10,871.—To portion of 100 Vara Lot No. 47. Decree to plaintiff, March 2, 1908.

Mathilde B. Hatfield vs. No. 13,133.—To portion of 100 Vara Lot No. 57. Decree to plaintiff, December 11, 1907.

Ellen M. Finley vs. No. 13,378.—To portion of Outside Land Block No. 313. Decree to plaintiff, January 8, 1908.

Nicholas Antipa vs. No. 13,409.—To portion of Outside Land Block No. 308. Decree to plaintiff, January 23, 1908.

Thomas B. Gould vs. No. 2566.—To portion of Mission Block No. 68. Decree to plaintiff, October 29, 1907.

Charles M. Lynberg vs. No. 7254.—To lot of land on northerly line of Washington Street, 137-6 feet west of Taylor Street. West, 17-6 x 137-6 feet. Decree to plaintiff, August 28, 1907.

J. Cuneo Company vs. No. 9428.—To portion of 50 Vara Lot No. 52. Decree to plaintiff, December 12, 1907.

William T. Andrews, et al. vs. No. 8112.—To portion of San Miguel Rancho. Decree entered September 12, 1907.

Caroline Tarbells vs. No. 13,815.—To Lot Southwest corner of Lombard and Mason Streets. Decree to plaintiff, January 14, 1908.

Marie S. Murphy vs. No. 14,451.—To portion of Western Addition Block No. 266. Decree to plaintiff, March 23, 1908.

Elizabeth Kuenzel vs. No. 14,541.—To portion of Western Addition Block No. 55. Decree to plaintiff, March 9, 1908.

John W. Mitchell vs. No. 14,622.—To portion of Potrero Nuevo Block No. 62. Decree to plaintiff, June 3, 1908.

James C. Willis vs. No. 14,623.—To portion of Western Addition Block No. 23. Decree to plaintiff, May 4, 1908.

Domenic A. Marino vs. No. 14,624.—To portion of Western Addition Block No. 515. Decree to plaintiff, June 23, 1908.

- Saren B. Smith, et al. vs. No. 14,625.—To portion of Mission Block No. 104. Decree to plaintiff, June 3, 1908.
- Jennie Paulson vs. No. 14,621.—To portion of Mission Block No. 105. Decree to plaintiff, June 3, 1908.
- John M. Arnold vs. No. 14,225.—To portion of Western Addition Block No. 433. Decree to plaintiff, June 3, 1908.
- Hulda A. Bruns vs. No. 14,726.—To portion of Western Addition Block No. 261. Decree, June 3, 1908.
- Peter M. Farrington, et al. vs. No. 14,727.—To portion of Mission Block No. 84. Decree to plaintiff, June 3, 1908.
- C. Franceschini vs. No. 14,723.—To portion of Western Addition Block No. 398. Decree to plaintiff, June 23, 1908.
- John H. Meyer vs. No. 14,797.—To portion of Mission Block No. 27. Decree to plaintiff, May 28, 1908.
- Ambrose Gramucci vs. No. 14,794.—To part of Western Addition Block No. 190. Decree to plaintiff, March 28, 1908.
- Chas. A. Worth vs. No. 15,147.—To part of Mission Block No. 19. Decree to plaintiff, April 9, 1908.
- Macdonough Estate Co. vs. No. 15,200.—To part of 50 Vara Lot No. 94. Decree to plaintiff, March 25, 1908.
- Sol Barrett vs. No. 16,832.—To lot South line of Ellis Street, 120 feet East of Scott Street. Decree to plaintiff, June 30, 1908.
- Caroline Hollis vs. No. 16,900.—To several lots described. Decree to plaintiff, June 27, 1908.

ACTIONS TO ESTABLISH TITLE UNDER AN ACT PROVIDING FOR THE ESTABLISHMENT AND QUIETING OF TITLE TO REAL PROPERTY IN CASE OF THE LOSS OR DESTRUCTION OF PUBLIC RECORDS.

Because of the possibility of encroachment upon City property through actions to establish titles to real property under the said Act, the Superior Court has required, as a condition, precedent to the granting of a decree, that this office consent to judgment, so far as the interest of the City is concerned. This has required the examination of every action filed, and since the 8th day of January, 1908, some thirty-five hundred actions to establish title under the Act have been passed upon in this office.

The descriptions of all property set out in the complaints in the actions above referred to have been carefully compared with the Block Book and other data in this office, in order to see that no encroachment upon the City properties are made. The work requires practically the entire time of two assistants, but is absolutely necessary, for I find that almost two percent of the parcels of real property searched are so described as to show encroachments on City streets or property.

Upon taking up this particular work I found that the City Attorney's office was absolutely destitute of means whereby to satisfactorily protect the City's interests in its streets, parks, school lots, and engine lots. Actions under the Act have raised, and continue to raise, numerous peculiar questions regarding City streets, lands and places and public parks, school lands and engine lots. In order to meet and settle the problems arising, it has been necessary to equip the office with books and maps, and accordingly the following have been acquired:

I. BOOKS.

- Wheeler's Land Titles in San Francisco, 1852.
 Wheeler's Report on the condition of the real estate within the limits of the City of San Francisco, and in the Mission, 1851.
 Ordinance and Resolutions, 1854.
 Corporation Manual, 1853.
 General Orders, 1866.
 Consolidation Act, 1866.
 General Orders, 1884.
 Consolidation Act, 1887.
 General Orders of the Board of Supervisors, 1896.
 General Orders of the Board of Supervisors, 1904.
 General Orders of the Board of Supervisors, 1906.
 San Francisco Ayuntamiento Proceedings, 1849.
 Municipal Reports, 1861-1899.

II. MAPS.

- 1849—Eddy Map.
 1851—Eddy Redline Map.
 1852—Eddy Map.
 1852.—Corporation Manual Map.
 1852—Cooke & LeCount's Map.
 1853—Clement Humphrey's Map.
 1856—Lewis Potrero Nuevo Survey.
 1857—U. S. Coast Survey Map.
 1858—City Front Map.
 1859—U. S. Coast Survey Map.
 1859—Precita Valley Lands Map.
 1861—Garden Tract Homestead Addition Map.
 1861—Garden Tract Homestead Association Map.
 1861—Britton & Company's Map.
 1861—Biedeman Tract Map.
 1862—Map of Outside Lands Claims (Original on tracing cloth made by Wm. P. Humphrey.)
 1863—Wackenreuder's Map.
 1864—Eureka Homestead Association Map.
 1865—Potrero Nuevo Map.
 1867—Wheaton's Map.
 1867—Original Outside Lands Map under Ordinance No. 733.
 1867—Stratton Survey.
 1867—University Homestead Association Map.
 1867—Seal Rock Rancho Map.
 1868—Outside Lands Map under Order No. 800.
 1868—University Homestead Association, re-survey.
 1868—Citizen's Homestead and Railroad Association Map.
 1868—North San Francisco Homestead and Railroad Association Map.
 1869—Abbey Map of San Francisco.
 1869—Abbey Homestead Association Map.
 1869—University Homestead Association Map.
 1869—Allard's Tide Lands Map.
 1869—Tide Lands Map No. 2.
 1869—Tide Lands Map No. 3.
 1869—Goddard's Map.
 1870—Humphrey's Map.
 1870—Tide Lands Map No. 4.
 1871—Paul Tract Homestead Association Map.
 1872—Tide Lands Map No. 12.
 1872—Paul Reservation Homestead Map.

- 1876—Humphrey's Atlas.
- 1877—Seawall Map.
- 1877—Water Front Map.
- 1878—Humphrey's Map.
- 1878—Army Street Improvement Map.
- 1879—United Land Association Map No. 1.
- 1883—Von Leicht's Survey.
- 1885—Official Chinatown Map.
- 1901—Mission and Thirtieth Street Extension Homestead Map.
- 1902—Assessor's Map.
- 1907—Punnett's Map.
- 1908—Ocean View Tract Map.

From among the many cases examined I have deemed it advisable to select the following cases as worthy of particular mention:

Action No. 314.—Theresa Oclerichs vs. All Persons. Involving Lobos Square and the Fillmore Street Wharf property.

Upon showing, a dismissal was obtained as to the parcel describing Lobos Square, and upon search it was found that the fee to the Fillmore Street Wharf property was not in the City, and that the City held nothing more than forfeited franchise for a Wharf at the foot of Fillmore Street. The Board of Supervisors and the City and County Assessor were accordingly notified of the condition of the title to the Fillmore Street Wharf property and it was recommended that the same be no longer designated as City property and that it be assessed to the real owner.

Action No. 78.—M. H. deYoung vs. All Persons.—This action involved a portion of Myrtle Avenue and a portion of Walnut Avenue.

Upon showing made to Mr. DeYoung and his attorneys, a dismissal was obtained as to the portion encroaching upon Myrtle Avenue and the decree was amended so as to exclude the portions encroaching upon Walnut Avenue.

Action No. 337.—August Busse vs. All Persons. This action included a claim to an undivided one-twenty-sixth interest in South Park. The action was tried before Judge Seawell and the plaintiff was denied a decree as to the claim to South Park.

Action No. 2946.—Ira Pierce vs. All Persons. In this action claim was made to the center line of Jones Alley. Upon showing made to the attorneys for the plaintiff dismissal was procured as to the portion encroaching upon Jones Alley.

Action No. 5.—Rudolph Spreckles vs. All Persons. The description shows an encroachment of nine inches on Webb Street. By consent, plaintiff took judgment on the full portion of claim and deeded the nine inches claimed from Webb Street to the City.

Action No. 1377.—Lucy Kilgore vs. All Persons. Plaintiff claimed to the center line of Marcy Place. On trial, decree was denied to plaintiff.

Action No. 2411.—Charles Abraham vs. All Persons. Plaintiff claimed a portion of Blackstone Court. Upon trial, decree was denied to plaintiff.

Action No. 3156.—O. D. Baldwin vs. All Persons. This action involved two parcels of property upon which the City held mortgages under the Robinson and Windell bequest funds. The complaint neglected to state that the property was covered by mortgages and upon answer and conference with plaintiff's attorneys a decree was drawn protecting the City's rights.

Special No. 2982.—J. Brandenstein Investment Company. vs. All Persons. Involving an irregularly shaped lot on the Southeast corner of Fifteenth and Harrison Streets, and Potrero Nuevo Block No 7. On showing made to attorney of plaintiff, plaintiff agrees to dismiss as to this parcel and acknowledges the City's claims.

Special No. 5901.—Pacific States Telephone Company vs. All Persons. Involving encroachments on portion of Berry Place in 50 Vara Block No. 95. Plaintiff agrees to dismiss as to the Southerly 17½ feet of parcel of land mentioned in his complaint which gives a connecting strip between Berry Place and Mary Lane, making an "L" shaped thoroughfare.

In the investigation of property under these McEnerney actions the title to much property heretofore considered as vested in the City was found to be vested in private owners. As a result the property was referred to the Assessor as taxable property with the recommendation that it be assessed. The following is a list of property so recommended and the assessed value thereof:

Fillmore Street Wharf Property, assessed value.....	\$ 85,000.00
Submerged Lands lying off Black Point Military Reservation, asessed value	127,500.00
Triangular strip of land northeast corner of Dore and Brannan Streets, assessed value.....	4,340.00
City Slip Lot No. 2, Block "A", assessed value.....	29,230.00
City Slip Lot No. 109, Block "C", assessed value.....	6,000.00
Property in Western Addition Block No. 205, increased value	1,460.00
Lot on Chestnut Street, Western Addition Block No. 41, assessed value	1,080.00

This makes a total assessed valuation of property recommended by this office to the Assessor of \$254,610.00, which not having been taxed for the previous fiscal year is susceptible to double taxation to the amount of \$509,220.00.

THE WATER RATES LITIGATION.

Because of its importance, I intend to outline in brief the history of the litigation known as the "Water Rates Suits," brought since the adoption of the present New Charter, between the Spring Valley Water Works and its successor, the Spring Valley Water Company, complainant, and the City and County of San Francisco, et al. defendants, in which the City has been enjoined by the said Corporations from enforcing the water rates established by the Board of Supervisors of the City and County of San Francisco. The suits were six in number, all brought in the United States Circuit Court, for the Northern District of California, and are the following actions in equity:

- No. 13,113.—Complaining of water rates for fiscal year, 1901-2.
- No. 13,395.—Complaining of water rates for fiscal year, 1903-4.
- No. 13,756.—Complaining of water rates for fiscal year, 1904-5.
- No. 13,598.—Complaining of water rates for fiscal year, 1905-6.
- No. 14,275.—Complaining of water rates for fiscal year, 1907-8.
- No. 14,735.—Complaining of water rates for fiscal year, 1908-9.

The first action begun, July, 1901, was dismissed by complainant December 31, 1902. In the following three actions Injunctions Pendente Lite have been granted. In the fifth action a Temporary Restraining Order was granted, but no Bond was furnished, the Order to Show Cause being continued from time to time. In the sixth and present action, a Temporary Restraining Order has been issued, accompanied by a Bond. This case is still under advisement by the Court. During the pendency of these suits, the complainant has collected water rates established for the year 1902-3, but has not collected any rates for the fiscal year 1908-9, awaiting the outcome of the present action affecting said year, now before the Court.

The water rates for the year 1901-02 were contested by the Spring Valley Water Works, which filed its Bill of Complaint No. 13,113, on July 9, 1901. No action was taken by the Court other than overruling Demurrer and on December 31, 1902, Complainant dismissed its action. Complainant collected the rates fixed by the 1901-2 Ordinance.

The water rates established for the fiscal year 1903-4 were contested by the Spring Valley Water Works, which filed its Bill of Complaint, No. 13,395, in Equity, April 20, 1903, and after argument and submission of briefs, an Injunction Pendente Lite was granted and filed June 29, 1903; the Complainant to file a Bond, which it did on June 30, 1903, on which date a Writ of Preliminary Injunction was issued; successive Orders were issued extending time in which to take testimony. Nothing further had been done in the case until June 1, 1904, when the water rates established for the year 1904-5 were contested by the Spring Valley Water Company (which latter had purchased the Spring Valley Water Works in September, 1903), by filing its Bill of Complaint, No. 13,598, in Equity, on that date. The case was argued and on June 29th an Injunction Pendente Lite was granted; on July 1st an Undertaking, or Bond, was filed by the Spring Valley Water Company.

On August 1, 1904, the Spring Valley Water Company placed its Chief Engineer, Mr. H. Schussler, upon the stand as its first witness. Mr. Schussler finished his testimony February 25, 1905, on page 2996. The last witness of Complainant finished his testimony January 5, 1906, on page 5861, of Complainant's testimony. Complainant filed 136 exhibits, one of which was a portfolio containing several hundred photographs.

The City began taking its testimony on October 26, 1905, and its last witness finished his testimony on December 18, 1905. The City's testimony covered 653 pages. The City filed 107 exhibits. The testimony was taken before the Hon. E. H. Heacock, Examiner.

During the progress of the trial the testimony was delivered to the City Attorney's office upon the day following each hearing by Mr. Chas. R. Cagan, the Official Reporter. Copies were made from this testimony, two sets filed in the office of the City Attorney, a set filed with the Board of Supervisors, and sets placed aside for the Engineers connected with the City. The City's entire testimony had not been distributed to its Engineers, but remained in the City Attorney's office. The original stenographic notes of the City's testimony, and the volumes of the City's testimony intended for the use of the U. S. Circuit Court, were in the possession of the Official Reporter and had not been filed. The exhibits filed by the City were in the custody of Hon. E. H. Heacock, the Examiner, before whom the testimony was taken.

A stipulation was entered into, at the conclusion of Complainant's case, that should the new City Attorney, Wm. G. Burke, who would take office January 8, 1906, desire to introduce additional testimony, that he could do so, Complainant reserving the right to do likewise. (P. 5861-62, Complainant's testimony.)

Upon the change of administration, Mr. Wm. T. Baggett was appointed first Assistant City Attorney and was delegated to take charge of the case and as he was entirely unfamiliar with the same, he was engaged in reviewing the testimony and papers in connection therewith, when the earthquake and fire of April 18-20, 1906, destroyed every record, etc., of the case in both the City Attorney's Office and the Board of Supervisors. The City's testimony and stenographic notes thereof, in the possession of the Official Reporter were also destroyed. By virtue of a stipulation, allowing either party to withdraw any exhibit filed, whilst the same was in the custody of the Examiner, the Spring Valley Water Company had withdrawn five of the City's exhibits, to-wit: Nos. 91, 93, 94, 95, and 96, which showed their lands, water rights and rights of way. Copies of these exhibits were made by the said Spring Valley Water Company, which were filed away in the vault of the Chief

Engineer of said Company. The earthquake and fire of April 18, 1906, destroyed the original exhibits whilst they were in the custody of the Spring Valley Water Company, so the representatives of the Company informed me, but the copies in the vault of the Chief Engineer were saved.

The condition of the case after the earthquake and fire of April 18-20, 1906, was as follows: The City had no testimony filed with the Examiner, but had filed its exhibits. Its case was still open. The Spring Valley Water Company had filed its testimony and exhibits with the Examiner, who filed the same with the Clerk of the U. S. Circuit Court, January 16, 1906. Fortunately, Engineer Dockweiler had preserved a copy of the City's testimony, which was rescued from his office, 418 California Street, on the first day of the fire, April 18, 1906. Immediately after the fire and as soon as the City Attorney's office had been located he was communicated with and said copy of testimony placed at his disposal. Four copies were made therefrom, and one was submitted to M. B. Kellogg, Esq., Chief Counsel for Complainant; a stipulation accompanied the same designating it as a true copy of the original, etc. Mr. Kellogg requested time to examine the same, and within a few days, to-wit: March 26, 1907, the stipulation was signed by M. B. Kellogg, for Complainant and Wm. G. Burke, City Attorney, for Defendant. On June 7, 1907, the City's testimony and all of its exhibits except six in number which were the reports of Mr. Wenzelburger, and which had been borrowed from the files of the Examiner by Complainant, were filed with the Clerk of the U. S. Circuit Court. On June 14, 1907, the above six exhibits, which had been returned, were likewise filed. The copies of the original exhibits of the City, which original exhibits had been destroyed whilst in the possession of the Spring Valley Water Company, as hereinbefore noted, had been returned to the Examiner in lieu of the originals. On April 20, 1908, Complainant filed its opening brief for actions Nos. 13,395, 13,598, and 13,756.

The water rates for 1905-1906 were enjoined by Bill of Complaint No. 13,756, filed May 2, 1905. No argument was presented and Complainant was allowed to take its Injunction Pendente Lite which was granted May 22, 1905, conditioned upon filing a Bond, which it did on May 26, 1905. The Official Reporter's notes of this hearing were destroyed in the fire and earthquake.

The water rates for 1906-1907 were not contested by the Spring Valley Water Company. The said Company ignored them entirely and collected under the rates of 1902-1903. In the investigation relative to fixing water rates for the year 1907-1908 the testimony adduced thereat before the Board of Supervisors, showed the above facts. Acting partly upon this testimony, etc., the Board of Supervisors on February 28, 1907, declared the franchises and water works forfeited. Subsequently, the Board of Supervisors appointed to succeed said Board rescinded said Board's action.

The water rates for 1907-1908 were enjoined by Complainant's Bill No. 14,275, filed May 31, 1907. On June 17, 1907, a Temporary Restraining Order, without Bond, was issued. The Order to Show Cause has been continued from time to time, the last continuance being on June 8, 1908, to August 3, 1908.

The water rates for 1908-1909 were complained of on June 22, 1908, on which date the Spring Valley Water Company filed its Bill No. 14,735, securing its Temporary Restraining Order and filed its Bond on Restraining Order. The application for an Injunction Pendente Lite was set for hearing June 25, 1908. The Hearing was had commencing on that date and continuing until July 11, 1908, upon which date it was, after argument, finally submitted to Judge E. S. Farrington, who has the same under consideration at present.

The following details relative to the Bonds furnished is submitted:

No. 13,395.--Furnished by the "National Surety Company" for \$135,000. Dated June 30, 1903. Approved by William W. Morrow, Circuit Judge, on June 30, 1903.

No. 13,598.—Furnished by the "National Surety Company" for \$175,000. Dated July 1, 1904. Approved by Southard Hoffman, Clerk of U. S. Circuit Court on July 1, 1904. Bond ordered June 26, 1904. William B. Gilbert, Judge.

No. 13,756.—Furnished by the "National Surety Company" for \$200,000. Dated May 25, 1905. Bond ordered May 22, 1905. William W. Morrow, Judge. Approved by Southard Hoffman, Clerk, on May 26, 1905.

No. 14,275.—Book No. 37 of the Minutes of the Circuit Court of the United States, Monday, June 17, 1907. March term, 1907. "No. 14,275.—Spring Valley Water Co. vs. City and County of San Francisco, et al. Upon motion of W. T. Baggett, Esq., attorney for defendants, it is ordered that the hearing on the order to show cause be continued to June 24, 1907. Upon motion of M. E. Kellogg, Esq., solicitor for complainant, it is ordered that a temporary restraining order issued herein and by consent of Mr. Baggett, it is ordered that no bond is required to be filed by complainant on temporary restraining order."

No. 14,735.—Furnished by the "Fidelity and Deposit Company of Maryland" for \$150,000. Dated June 22, 1908. Bond filed June 22, 1908. Southard Hoffman, Clerk. Approved by E. S. Farrington, Judge.

GENERAL REVIEW OF PROCEEDINGS HAD UNDER THE MUNICIPAL BOND ISSUE OF 1903-1904.

In reviewing the proceedings had during the fiscal year 1907-1908 for the acquisition of lands designated as required for various public improvements under the Municipal Bond issue of 1903-1904, I have deemed it advisable, in view of its public importance, to incorporate in this summary the substance of a report made to the Mayor and Board of Supervisors at the termination of my former incumbency of the office of City Attorney.

The original of that report and all official records have been destroyed, but so far as possible the work accomplished is fully reviewed from January, 1905, to date.

MISSION PARK.

The first property acquired was Mission Blocks Nos. 86 and 87, selected as the site of the Mission Park. These Blocks were owned by the Congregations Emanu-El and Sherith Israel, and on March 6, 1905, after brief negotiations, they were purchased for \$291,350 and became the property of the municipality. As the sum provided for this park was \$293,000 the City and County saved \$1,650 on its purchase.

GOLDEN GATE PARK AND PRESIDIO EXTENSION.

The land required for this improvement covered seven and a half blocks lying between Thirteenth Avenue and Fourteenth Avenue and extending from Fulton Street to the Presidio Reservation, and involved some seventy-two owners.

In April, 1905, the entire block between "A" Street and Point Lobos Avenue, Richmond District Block No. 271, was purchased from Charles G. Hooker.

Shortly afterward the block between Point Lobos Avenue and Clement Street, Richmond District Block No. 194, was secured from John Benson by condemnation.

By January, 1906, the municipality had further acquired by purchase and condemnation the entire Richmond District Block No. 393; entire Richmond District Block No. 84; all of Richmond District Block No. 368, with the exception of four pieces outstanding in the persons of J. D. Whitney, Joseph Boardman, James Brown and Mrs. E. J. Bassett; all of Richmond District Block No.

296, with the exception of one piece outstanding in the person of James E. Damon; all of Richmond District Block No. 169, with the exception of three pieces outstanding in the persons of Jacob Goldberg, Mrs. Samuel Tanner and Mrs. Ursula Knox; all of fractional Richmond District Block No. 59, with the exception of one lot owned by Lucy M. Wade.

The land purchased up to that time had cost the City and County \$298,562.05.

Since January, 1906, all the outstanding pieces of property have been acquired at a cost of \$000,000.00, with the exception of the pieces owned by Joseph Boardman and Mrs. E. J. Bassett. The delay in securing these two pieces of property has been due to the fact that both owners were deceased and because of the involved condition of the proceedings in the probate of the estates. At present, however, arrangements have been perfected to secure the Boardman lot for the sum of \$3,000.00 and the Bassett lot for the sum of \$1,500.00. The entire tract will then be vested in the municipality and will have cost the sum of \$

PUBLIC LIBRARY SITE.

In the bond issue it was decided to place the library upon the block bounded by Van Ness Avenue, Fulton, Grove and Polk Streets. This choice, however, was for good reasons set aside by the Board of Supervisors, and the block bounded by Van Ness Avenue, Hayes, Franklin and Fell Streets selected. On March 9, 1905, this office was directed to acquire that block. At present the title to the entire block, Western Addition Block No. 73, is vested in the municipality.

Following is a list of owners from whom the property was acquired by purchase or condemnation, the date of transfer and the consideration paid:

J. B. Randall.....	May 23, 1905	\$109,750
Eleanor Martin.....	July 11, 1905	146,500
Robert W. Inches.....	July 24, 1905	12,500
F. G. and Philom Bianchi...	Aug. 8, 1905	12,000
Geo. and Golde Fogel.....	Aug. 10, 1905	15,125
Mary Miner, et al.....	Aug. 14, 1905	28,500
Geo. M. Perine.....	Sept. 25, 1905	62,715
Margaret E. Feehan.....	Sept. 26, 1905	27,500
Chas. & Annie B. Strohmaier	Sept. 29, 1905	23,000
Mary Droger.....	Sept. 29, 1905	26,500
Wm. Blattner.....	Oct. 1905	31,000
Robt. Abram.....	Oct. 17, 1905	24,500
J. L. Kidwell.....	Dec. 23, 1905	82,500
Ellen M. Goff.....	Dec. 28, 1907	9,500

The amount voted for the purchase of the Library site was \$647,000. The actual cost amounted to \$611,590, resulting in a saving to the City and County of \$35,410.

CHILDREN'S PLAY GROUNDS SITES.

In the matter of the North Beach play grounds, offers were first obtained early in the year from the property owners in 50 vara block No. 129, bounded by Powell, Stockton, Filbert and Greenwich Streets, which was selected in the bond issue. After some inquiry, the Board of Supervisors rejected all the offers obtained, and selected as an alternative site 50 vara block No. 151, bounded by Powell, Chestnut, Mason and Lombard Streets. When offers had been obtained it was found that the prices asked were almost as excessive as in block No. 129, and after considerable effort had been made to obtain more reasonable figures this block was also rejected.

As a final alternative, 50 vara block No. 177, bounded by Mason, Francisco, Taylor and Chestnut Streets, was selected. On December 4, 1905, an offer was obtained from John Fay who owned one-third of the block, in which he agreed to sell his interest to the City and County for \$57,500. As this price seemed fair and was approved by the appraiser of the Board of Supervisors, it was referred to that body for consideration. It met with approval and was accepted. Later, however, his Honor, the Mayor, believing the block unavailable, vetoed the resolution of acceptance.

Finally, on December 31, 1907, the Board of Supervisors, by Resolution No. 1,749, selected 50 vara block No. 152, bounded by Montgomery Avenue, Mason Street, Lombard Street, Powell Street and Greenwich Street as an alternative site for the North Beach play grounds and directed the acquisition thereof. Offers were secured and piece after piece of property purchased until at present the title to the entire block No. 152 is vested in the City and County.

Following is a list of owners from whom the property was acquired, the date of transfer and the consideration paid:

Carrie M. Chambers.....	Apr. 30, 1908	\$ 7,000
Pietro Castagnetto.....	Apr. 23, 1908	15,000
Kate Heath Maher.....	May 12, 1908	11,000
Ida M. M. Ginocchio.....	May 19, 1908	26,000
Antonio Ratto.....	Apr. 30, 1908	8,500
Domenico Foppiano.....	May 4, 1908	4,500
Roman Catholic Archbishop..	Apr. 22, 1908	80,000
G. B. Dondero, et al.....	May 28, 1908	66,500
Louis Lercari.....	June 3, 1908	18,500
Guglielmo Pardini.....	May 20, 1908	6,500

The cost of acquiring these lands was estimated at \$244,000 and as they were acquired for the sum of \$243,500, the City and County not only secured the North Beach Play Grounds within the appropriation, but with a saving of \$500.

In the acquisition of the other play grounds, being portion of 100 vara block No. 397, the City and County has not made very great headway. In the first place the sums fixed by the various owners as the values of their respective properties were so high that the idea of acquiring the Harriet Street frontage, 550 feet by a depth of 75 feet was abandoned by the Board of Supervisors. When the block was selected the City owned one lot of land on Bryant Street, 92 feet, 6 inches front by a depth of 275 feet. In December, 1905, W. E. Dean sold to the City for the sum of \$150,000 his holdings in block No. 397, a piece of property 275 feet on Seventh street by 412 feet, 6 inches on Harrison Street. About the same time the City acquired from the Morton Draying and Warehouse Company, for the sum of \$70,000, a piece of property 137 feet, 6 inches on Harrison Street by a depth southeasterly of 275 feet abutting on the Dean property, together with the improvements thereon. By direction of the Board of Supervisors, arrangements were perfected to acquire from Ruffino & Bianchi, Inc., a lot of land on the northwesterly line of Bryant Street, 92 feet, 6 inches on Bryant Street by a depth northwesterly of 275 feet, together with the improvements thereon, for the sum of \$59,225.81. At the same time an agreement with Ruffino & Bianchi, Inc., was prepared, leasing to said Ruffino & Bianchi, Inc., the property sought to be acquired for the term of two years from July 1, 1908, at a monthly rental, for the first eighteen months of said term, of \$250.00 and without rental for the remaining six months of said term. Excluding the Harriet Street lots there remain but two pieces of property to be acquired, one of which is owned by C. E. Cook and Edith M. Moulton and the other owned by The Schmiedell Estate. As it has not been possible to agree with these owners on the value of their property, this office has been directed to condemn.

COUNTY JAIL AND ADDITIONS TO HALL OF JUSTICE SITE.

All of the property required for this improvement has been acquired with the exception of two pieces, one owned by Robert C. Bolton, et al., and the other by The Schmiedell Estate. For the purpose of fixing the value of property on Merchant Street an action in eminent domain was commenced against Robert C. Bolton, et al., and prosecuted to judgment in the Superior Court, condemning the lot on the north line of Merchant Street, 137 feet, 6 inches west on Montgomery Street, 31 feet, 8 inches west by 62 feet, 6 inches north, and assessing the value thereof at \$9,450.00. From this judgment Bolton has appealed and moved for a new trial, both motion and appeal now pending.

To establish the value of property on Washington Street an action in eminent domain was commenced against Florence G. Perine, et al., and prosecuted to judgment, condemning the lot on the south line of Washington Street 70 feet east of Kearny Street, 49 feet, 6 inches east by 34 feet, 8 inches south, and assessing the value thereof at \$22,000. On the basis of these two judgments the owners of property to be acquired in 50 vara lots Nos. 19 and 20 have been settled with, with the exception of Bolton and the Schmiedell Estate. Condemnation proceedings against both those owners are now pending.

Following is a list of owners of property acquired, the date of transfer and the consideration paid:

Florence G. Perine, et al.....	Jan. 10, 1908	\$22,000
Johann A. Schmidt Co.....	Feb. 6, 1908	8,800
Schwerin Real Estate Co., et al..	Mar. 3, 1908	12,970
Jesse G. Gobey.....	Jan 22, 1908	8,650
J. P. Trubody, et al.....	Apr. 6, 1908	13,235
O. C. Cappelmann, et al.....	Jan. 20, 1908	24,255
Mary A. Bond, et al.....	Jan. 18, 1908	42,402

It was estimated that the real estate necessary for the proposed additions to the Hall of Justice and County Jail would cost the City \$272,000.00. With the exception of two pieces of property all the land designated as required has been secured at a cost of \$132,312.00. On the basis of the Bolton judgment the two outstanding pieces probably will be secured for the sum of \$28,950.00, making the total cost to the City \$161,262.00.

OTHER LANDS ACQUIRED.

In addition to purchases made under the bond issue, the tract of 46,103 acres on Twin Peaks, selected by Resolution No. 5,374, as a site for a salt water reservoir for the Fire Department, has been acquired by condemnation. The value fixed on this land by judgment of the Superior Court, was \$48,500, or something over \$1,000 an acre. A judgment of \$1,000 for the improvements on this land made the total cost of the property to the City and County \$49,500.

Land valued at \$24,825 has been purchased by special appropriation for the preservation of Telegraph Hill. A lot costing \$5,000 has been acquired in order to extend Piedmont Street and another valued at \$3,750 has been obtained to open Hampshire Street beyond Serpentine Avenue.

ST. MARY'S SQUARE.

The municipality has acquired all but five pieces of property in this proposed park. The pieces of property unacquired are outstanding in the persons of Catherine T. Meara, Emilie E. Hughes, Leon E. Raverat, Mary Trobeck and Henry Scheer and wife.

The following is a list of property lately acquired and the consideration paid.

June 23, 1908, from the Hibernia Savings and Loan Society for the sum of \$2,475.00, a lot 22 feet, 6 inches on Quincy Street by a depth of 65 feet more or less.

June 29, 1908, from Hattie A. Smith for the sum of \$9,300.00, a lot 24 feet, 11 inches on Pine Street by a depth of 47 feet, 6 inches more or less.

From Margarethe Gingg for the sum of \$12,553.00, a lot on the northeast corner of Pine Street and Quincy Street, 22 feet on Pine Street by 59 feet on Quincy Street.

OPINIONS AND COMMUNICATIONS.

Addressed to the Various Departments and Officials of the Municipality by W. G. Burke, City Attorney from July 1, 1907, to January 8, 1908.

BOARD OF SUPERVISORS.

August 20, 1907.—Advising that appropriations may be made from the "Rehabilitation of Departments Fund" to cover deficit in salary fund of Department of Electricity.

September 25, 1907.—Advising that moneys realized from sale of Hall of Justice Bonds may be used in the purchase of site for that purpose whether or not there are sufficient funds to carry out the original project.

October 17, 1907.—Advising that the Board may authorize the refunding of money paid for liquor licenses where the persons did not engage in business or otherwise use the licenses.

October 19, 1907.—Advising that City is not liable to a prisoner for loss of property through carelessness of property Clerk of Police Department.

December 17, 1907.—Advising that City is not liable for purchase of three Book Typewriters which had not been purchased in accordance with Chapter III, Article II, of the Charter, relating to contracts.

January 3, 1908.—Advising that nothing can be done to dissolve the injunction against City, preventing interference with blasting on Telegraph Hill by Gray Bros., et al.

BOARD OF EDUCATION.

September 10, 1907.—Advising that Board is without power to lease school property except to highest bidder.

BOARD OF POLICE COMMISSIONERS.

October 11, 1907.—Advising that the Board is without power to disrate a member of the Department, and that a Detective Sergeant retiring from service is entitled to a pension of one-half of the salary attached to the position of Detective Sergeant.

BOARD OF FIRE COMMISSIONERS.

August 1, 1907.—Advising that the Board is without power to reduce a member in rank upon his own consent.

BOARD OF PUBLIC WORKS.

July 18, 1907.—Advising that the Board may grant conditional permit to Nellie Armstrong to erect building on corner of Willard and McAllister Streets.

CITY ATTORNEY

CHIEF OF POLICE.

October 10, 1907.—Advising that it is not the duty of the City Attorney to advise the Chief of Police.

RECORDER.

September 12, 1907.—Advising that it is the duty of the Recorder to ascertain the owners of land outlined on maps of lots about to be sold before said map can be recorded.

October 17, 1907.—Advising that where maps of subdivisions of land for the purpose of sale are offered for record the approval of the Board of Public Works must first be had if new streets are delineated thereon.

SUPERINTENDENT OF SCHOOLS.

July 31, 1907.—Advising that Board should hold annual examinations for applicants for teachers' certificates.

TREASURER.

January 2, 1908.—Advising that Treasurer's term of office expires January 8, 1908, at 12 o'clock, noon.

Addressed to the Various Departments and Officials of the Municipality by Percy V. Long, City Attorney from January 8, 1908, to June 30, 1908.

BOARD OF CIVIL SERVICE COMMISSIONERS.

May 27, 1908.—Advising that the position of interpreter of Greek and Roumanian languages for the Police Court is not subject to Civil Service.

June 19, 1908.—That there is no authority to appoint the Fire Commissioners and the Civil Service Commissioners a joint Board of Judges to conduct Civil Service examinations.

BOARD OF EDUCATION.

February 24, 1908.—Advising that the Board is without power to interfere with the acceptance or rejection of bids by the Board of Public Works for the construction or repair of School Houses, except to finally accept or reject the work when completed.

April 20, 1908.—Advising that the case of Laura T. Fowler is pending on appeal to the Appellate Court of the First Appellate District.

May 9, 1908.—Advising that it is within the power of the Board to refund rentals received from property destroyed before the end of the term.

June 26, 1908.—Advising that it is within the discretion of the Board to accept a lower bond for performance of terms of lease of school property than that specified in the proposals for bids.

June 30, 1908.—Advising that a cash bond may be accepted in lieu of a surety bond as specified in the proposals for bids.

BOARD OF ELECTION COMMISSIONERS.

June 25, 1908.—Advising that the Commissioners should be empowered by the Board of Supervisors before entering into contract for purchase of voting machines.

BOARD OF FIRE COMMISSIONERS.

March 21, 1908.—Advising that for the purpose of determining increase in pay the time of service of members of the Fire Department should be computed from the time of entry upon the duties of the position.

April 28, 1908.—Advising that a fireman who is reduced in rank at his own request is not entitled to reinstatement to the former rank.

June 26, 1908.—Advising that there is no authority to change the salaries of members of the Department by assigning them to positions requiring lighter duties.

BOARD OF HEALTH.

March 23, 1908.—Advising that Ordinance No. 328, providing for the summary destruction of buildings dangerous to life and health is constitutional.

June 16, 1908.—Advising that health regulations are matters of local concern and that the Charter provisions relating thereto, will control where in conflict with general laws.

BOARD OF POLICE COMMISSIONERS.

February 6, 1908.—Advising that a social club dispensing liquor to its members and not engaged in the "business" of selling liquors should not be charged with a liquor license.

February 13, 1908.—Advising that the power to exact liquor licenses is limited to those persons who engage in the business of selling liquor in less quantities than a quart and liquor to be drunk on the premises.

April 21, 1908.—Advising:

First—That no probationary service is required for promotion to higher rank in the Police Department.

Second—That the Civil Service Commissioners should certify the three highest names for the eligible list to the appointing power, for appointment or promotion.

June 26, 1908.—Advising that an applicant for examination for a position in the Civil Service who, at the time is not a citizen of the United States is ineligible to take such examination.

BOARD OF PUBLIC WORKS.

January 21, 1908.—Advising that certain applications for the opening of certain streets for the purpose of laying steam pipes should be denied until a grant of such use of the streets is given by the Board of Supervisors.

February 7, 1908.—Advising:

First—That the Civil Service Commission is without power to grant an employee of the Board of Public Works permission to "waive" certain employment required of him.

Second—That the Civil Service Commission may require a statement from the Board of Public Works of the duties pertaining to any new positions created by the latter Board.

Third—That where new positions are created it is proper to make temporary appointments thereto until Civil Service Examinations can be held to obtain a list of eligibles.

March 2, 1908.—Advising that the Board may grant to the United Railroads permission to construct connecting curves and turnouts over streets covered by existing franchises.

March 4, 1908.—Advising that the Board may make temporary appointment of a foreman carpenter pending the examination of applicants therefor.

March 26, 1908.—Advising that the specifications outlined for the construction of a municipal asphalt plant are not sufficient to secure competitive bids.

April 10, 1908.—Advising that permanent employees of the department, though their wages are fixed "per diem," are entitled to all holiday privileges.

April 16, 1908.—Advising that it is within the discretion of the Board to permit the repair of wooden structures within the fire limits.

June 18, 1908.—Advising that the fire regulations apply to all property within the fire limits whether same is in public or private ownership.

June 23, 1908.—Advising that unless permission is given by the Board of Public Works an individual has no authority to remove any part of a City street.

BOARD OF SUPERVISORS.

January 25, 1908.—Advising that the Board had not reserved the right of approval or rejection of ornamental pole and lamp designs to be erected by the United Railroads under Ordinance No. 20, New Series.

January 21, 1908.—Advising that the City and County is liable for the payment of grand juror fees for services performed prior to March 18, 1907, under the terms of Section 4344, Political Code.

January 27, 1908.—Advising that the Act of the Legislature of June 12, 1906, providing for the acquisition of a site and the construction of a building for the use of State officers and Departments is valid, but that the second Act of the same date, providing for the withdrawal of moneys from the State school fund for such purpose is unconstitutional.

February 7, 1908.—Advising that it is within the power of the Board to establish a municipal garbage crematory without regard to the existing franchise to the Sanitary Reduction Works.

February 24, 1908.—Advising that there is no power to exact a liquor license from the Louvre for liquors sold at tables in addition to the license for liquor sold at the bar.

February 5, 1908.—Advising that the Board of Supervisors is without power to establish "water districts" for the purpose of fixing water rates or to authorize one company to charge a higher rate than that exacted by another.

February 26, 1908.—Advising that contracts for public improvements can be let only after competitive bidding which must be upon definite fixed prices.

February 26, 1908.—Advising that inasmuch as City Attorney Burke had suffered judgment to be entered upon the sustaining of defendants demurrer in the action involving the appropriation for the purchase of the Geary Street Railroad, an appeal from such judgment would be ineffectual and that such judgment should be dismissed.

February 27, 1908.—Advising that it is not necessary to fix in the month of February the telephone rates which may be charged after the first of July, providing only that a reasonable time be given before such rates are to go into effect.

March 2, 1908.—Advising that improvements which may be constructed on school property leased to individuals are subject to taxation.

March 11, 1908.—Advising that the mere non-user of a franchise to operate a street railroad is not sufficient to work a forfeiture of such franchise, but that an action must be commenced for that purpose by the Attorney-General of the State.

March 27, 1908.—Advising that owner of property contracting for street work under a private contract is entitled to appeal to the Board of Supervisors

from the action of the Board of Public Works in accepting the street work so performed.

April 10, 1908.—Advising that the City is not bound by the terms of Resolution No. 6821, accepting the offer of the Schmiedell Estate, to convey certain property to the City inasmuch as the improvements upon said property had been destroyed by fire.

April 16, 1908.—Advising that the petition to close Elm Avenue through Western Addition Block No. 281, be granted.

April 17, 1908.—Advising that the City has no title to the Fillmore Street wharf property, and that the same should be assessed to the private owners thereof.

June 8, 1908.—Advising that the proposed amendment to the Tenement House Law is constitutional.

June 16, 1908.—Advising that the petition signed by electors demanding a special election to vote on the acquisition of certain public utilities is in accordance with the requirements of the Charter.

June 18, 1908.—Advising that the Supervisors cannot, by ordinance, permit municipal institutions to maintain more than two cows within the limits prohibiting such rights to individuals.

June 19, 1908.—Advising that the proposed bill regulating the vacation of unsafe and unsanitary structures would be constitutional if a section were added declaring such structures to be public nuisances.

June 24, 1908.—Advising and outlining course of procedure necessary in the acquisition of a municipal public water supply.

BOARD OF TRUSTEES OF THE POLICE RELIEF AND PENSION FUND.

January 20, 1908.—Advising that only those members of the Police Department who are retired subsequent to the adoption of Amendment No. 20 to the Charter, are entitled to the increase in pension equal to one-half of the increased salary provided for by such amendment.

DEPARTMENT OF ELECTRICITY.

June 6, 1908.—Advising that the Chief of the Department of Electricity is subject to Civil Service provisions of the Charter.

June 9, 1908.—Advising that the Department is liable for rental of premises held over after the end of lease at the same rate as fixed by the lease.

MAYOR.

April 8, 1908.—Advising that the County Clerk is not authorized to retain fees collected by him in the Naturalization Department.

RECORDER.

January 18, 1908.—Advising that unless it is shown that papers presented for record before April 18, 1906, were not recorded as required by law; a person is not entitled to have same re-recorded without payment of statutory fees therefor.

SUPERINTENDENT OF SCHOOLS.

February 4, 1908.—Advising that reports of School Census Marshals are "public records," but that reports of principals and teachers to their superior officers upon the standing of pupils under their charge are not open to the public.

March 27, 1908.—Advising that the Board of Education is without power to appropriate any money to the Teachers' Annuity Fund, except that specified in Section 10, of the Act of March 26, 1893.

TAX COLLECTOR.

February 6, 1908.—Advising that it is the duty of the Tax Collector to stamp the words "no female patrons" on liquor licenses issued with such conditions.

April 10, 1908.—Advising that deputies or employees, while under suspension for any cause, are not entitled to payment of their salaries during such period.

May 27, 1908.—Advising that the Tax Collector may issue new deeds to correct errors in original deeds of property sold for non-payment of taxes.

TREASURER.

March 9, 1908.—Advising that the rate of interest to be charged banks for loans of municipal funds may be changed, providing no loans have been made at a lower rate.

RECAPITULATION.

ACTIONS PENDING IN

U. S. Supreme Court.....	1
New York Supreme Court.....	1
U. S. Circuit Court.....	15
Supreme Court of California.....	6
District Court of Appeal of California.....	3
Superior Court (exclusive of McEnerney actions).....	337
Justices Court.....	26
Total of actions pending (exclusive of McEnerney actions).....	389

ACTIONS DETERMINED IN

U. S. Circuit Court of Appeals.....	1
In favor of City or its officers.....	1
U. S. Circuit Court.....	5
In favor of City or its officers.....	5
Supreme Court of California.....	11
In favor of City or its officers.....	8
Against City or its officers.....	3
District Court of Appeal of California.....	3
In favor of City or its officers.....	3
Superior Court	53
In favor of City or its officers.....	21
Against City or its officers.....	32
(Of these, 26 were actions in lieu of City deed and formal in character.)	
Total of actions determined (exclusive of McEnerney actions).....	73
Number of opinions rendered by W. G. Burke.....	15
Number of opinions rendered by P. V. Long.....	57

Respectfully,

PERCY V. LONG,

City Attorney.

Treasurer's Report

San Francisco, July 1, 1908.

To the Hon. E. R. Taylor,

Mayor of the City and County of San Francisco.

My Dear Sir: In conformity with the provisions of the Charter of the City and County of San Francisco, I herewith submit the report of the Treasurer's Office, showing receipts, disbursements and balances for the fiscal year ending June 30, 1908.

Very respectfully,

JOHN E. McDOUGALD,
Treasurer of the City and County of San Francisco.

TREASURER

RECEIPTS.

	Amount.	Total.
Balance on hand as per last annual report, June 30, 1907.....		\$5,165,974.83
General Fund, 1906-07—		
Taxes.....	35,372.13	
From State Harbor Commission, State's pro rata of paving Third street.....	1,826.15	
5% gross receipts United Railways.....	25,500.00	
Transfer from P. B. Street Bond Fund (to correct error).....	4,681.17	
Transfer from General Fund 1905-06 (surplus).....	12,951.08	
Transfer from Unapportioned Fee Fund.....	19,645.08	
Transfer from Advertising Fund.....	4,000.00	
Transfer from Police Relief and Pension Fund.....	11,500.00	
Transfer from Tax Collector Commission Apportionment.....	1.00	
Transfer from Bond Redemption and Interest Apportionment.....	338,504.51	
		453,981.12
General Fund, 1907-1908—		
Taxes.....	3,395,685.41	
Fines in Police Court Department 1.....	12,106.00	
Fines in Police Court Department 2.....	11,844.00	
Fines in Police Court Department 3.....	10,181.00	
Fines in Police Court Department 4.....	9,792.00	
City and County Licenses.....	1,497,822.20	
Mayor—Rent of City Property.....	7,818.00	
Mayor—Sale of Condemned Horses.....	1,379.38	
Board of Works—House Building Permits.....	52,024.00	
Board of Works—Sale of old material.....	2,885.50	
Board of Works—Removal of Debris.....	181.10	
Fines in Superior Courts.....	1,230.00	
Auditor—State Lunacy Commission Fees.....	280.00	
Auditor—Sale of old brass license tags.....	38.40	
Coroner—Money taken from person of decedents.....	278.93	
Assessor—Poll Tax Commission.....	12,590.10	
Joseph Lycette (Police Officer) Refund on overpayment.....	46.67	
Transfer from Unapportioned Fee Fund.....	243,924.86	
Geary Street Railway—Percentage of Gross Receipts.....	9,949.08	
Geary Street Railway—Cost of Paving Geary Street, bet. Powell and Mason.....	22.50	
Geary Street Railway—Damages to Fire Apparatus.....	18.38	
Transfer from General Fund (Special Tax Levy).....	2,750.68	
State of California—Refund under Section 3804 Penal Code.....	921.47	
State of California—Refund on demand of Preston School, Nov., 1907.....	18.00	
Sheriff—Board of U. S. Prisoners.....	106.00	
Associated Charities—Refund on over payment.....	156.50	
J. C. Astreda—Refund on overcharge—Care of Children.....	83.00	
Almshouse—Sale of Swill.....	106.88	
Almshouse—Sale of Junk.....	144.00	
A. J. Todd (Probation Officer).....	80.00	
Clerk, Board of Supervisors—Proposed trip to Washington, D. C.....	998.00	
Police Department—Sale of condemned Horses.....	229.90	

TREASURER

423

RECEIPTS.—Continued.

	Amount.	Total.
Gas and Electric Co.—Refund on over payment.....	\$ 91.20	
Transfer from Playground Bond Fund (Loan).....	350,000.00	
Transfer from Hospital Bond Fund (Loan).....	150,000.00	
Transfer from Assessor's Account (Loan).....	300,000.00	
Transfer from General Fund, 1906-1907.....	100,000.00	\$6,175,783.14
General Fund, 1907-1908 (Special Levy)—		
Taxes.....	746,322.92	
Transfer from Playground Bond Fund (Loan).....	205,000.00	
Transfer from Jail Bond Fund (Loan).....	200,000	
Transfer from Sewer Bond Fund (Loan).....	70,000.00	1,221,322.92
Common School Fund—		
Taxes.....	775,505.60	
State School Money.....	564,803.98	
Rents of School Property.....	477.40	
Sale of old material.....	1,486.15	
Superintendent of Schools—Money donated by Children of United States.....	27,973.25	
Alliance Assurance Co.—Insurance on Fifth and Market Streets.....	2,000.00	
Brown Bros.—Money refunded on overpayment.....	288.00	
Transfer from School Bond Fund (Loan).....	530,000.00	
Transfer from Assessor (loan).....	85,000.00	
Transfer from General Fund, 1906-1907.....	35,000.00	
Transfer from School Fund (Special Levy).....	375.09	2,022,909.47
Common School Fund (Special Levy)—		
Taxes.....	101,771.32	
Transferred from School Bond Fund (loan).....	30,000.00	131,771.32
Yerba Buena School Fund—		
Transferred from Common School Fund.....	27,973.25	27,973.25
Teachers' Institute and Library Fund—		
Examination and certificate fees.....	228.00	228.00
Advertising Fund—		
Board of Supervisors—Fees.....	7,083.75	
Board of Works—Fees.....	5,519.33	
Board of Fire Commissioners—Fees.....	405.85	13,008.95
Redemption Advertising Fund—		
Auditor.....	676.70	
Tax Collector.....	757.50	1,434.20
Unapportioned Fee Fund—		
Mayor.....	96.00	
Auditor.....	53.50	
Sheriff.....	38,121.19	
County Clerk.....	110,041.65	
Recorder.....	81,632.65	
Recorder—Marriage licenses.....	4,252.00	
Clerk—Justices' Court.....	26,838.25	
Board of Works—Engineers' fees.....	18,540.10	

RECEIPTS.—Continued.

	Amount.	Total.
Board of Works—Chimney inspection.....	\$ 131.00	
Board of Health.....	925.50	
Police Department.....	1,380.00	
Poundkeeper.....	3,887.65	
Department of Electricity.....	15,511.25	
Tax Collector—Issuing 94 City Deeds.....	282.00	
		\$301,692.7
Park Fund—		
Taxes.....	300,745.90	
Receipts Children's Playground.....	25,180.35	
Rental of boathouse.....	325.00	
Board of police horses.....	1,973.35	
Programme privilege.....	1,346.25	
Rental of Tea Garden.....	500.00	
Automobile and Motor Cycle permits.....	110.00	
Rental of Beach Chalet.....	915.50	
Fourth of July Committee—Work performed at Stadium.....	75.00	
Sale of goat and donkey.....	10.00	
Sale of old material.....	467.60	
Concerts at Golden Gate Park.....	1,750.00	
United Railways—Right of way privilege.....	100.00	
Warren & Malley—Forfeiture on contract.....	320.00	
Receipts from Stadium.....	73.55	
Unclaimed demand of Prof. Gruber.....	100.00	
		333,992.5
Library Fund—		
Taxes.....	64,445.55	
Fines.....	1,698.05	
Books lost and paid for.....	79.10	
Rental of Library Blocks, July, August, and September, 1907.....	225.00	
Rental of Library lot to E. M. Graney.....	75.00	
Transfer from General Fund (Res. 1,191, Board of Supervisors).....	4,033.30	
		70,556.0
Police Relief and Pension Fund—		
Fines of officers.....	1,975.00	
Contributions of officers.....	19,666.00	
Transfer from Unapportioned Fee Fund.....	1,245.00	
Transfer from General Fund (account licenses).....	66,900.25	
Transfer from General Fund (account Police Court fines).....	10,980.75	
Rewards of officers.....	119.00	
Sale of unclaimed, lost and stolen property..	333.04	
		101,219.0
House Moving—Board of Works—		
Permits.....	1,345.00	
		1,345.0
House Moving—Department of Electricity—		
Permits.....	675.00	
		675.0
Duplicate Tax Fund—		
Taxes paid in duplicate.....	9,128.76	
		9,128.7
Tearing Up Streets—		
Permits.....	130,863.17	
		130,863.1
Robinson Bequest Interest Fund—		
Interest received.....	2,050.00	
		2,050.0

RECEIPTS.—Continued.

	Amount.	Total.
Assessor's Account—		
Taxes.....	\$549,544.21	
From General Fund, 1907-1908 (loan turned).....	300,000.00	
From School Fund, 1907-1908 (loan returned).....	85,000.00	
From Firemen's Relief Fund (loan returned).....	11,000	
		\$945,544.21
Henri Windel Bequest Interest Fund—		
Interest received.....	966.47	
		966.47
State of California—		
Taxes.....	1,898,506.31	
Poll Taxes.....	61,264.20	
Pupils at Whittier Reform School.....	1,501.60	
Pupils at Preston School of Industry.....	9,647.54	
Children at Home for Feeble Minded.....	24,007.50	
Redemption of property sold to State.....	12,198.36	
Collateral Tax.....	176,773.82	
		2,183,899.33
Firemen's Relief and Pension Fund—		
Taxes.....	36,546.85	
Transfer from Assessor (loan).....	11,000.00	
Transfer from Library Bond Fund (loan).....	10,000.00	
Transfer from Hospital Bond Fund (loan).....	3,000.00	
Transfer from General Fund (Resolution, Board of Supervisors).....	3,300.00	
		63,846.85
Mayor's Special Deposit Fund—		
Mayor.....	100.00	
		100.00
Special Permit Fund—		
Permits—Board of Works.....	49,150.00	
		49,150.00
Special Badge Fund—		
License Collector—Badges.....	140.00	
		140.00
Public Building School Bond Fund—		
Transfer from School Fund (loan returned).....	570,000.00	
Transfer from School Fund, Special (loan returned).....	30,000.00	
Transfer from Firemen's Relief Fund (loan returned).....	500.00	
		600,500.00
Public Building Bond Fund—		
Transfer from Firemen's Relief Fund (loan returned).....	10,000.00	
		10,000.00
Public Building Playground Bond Fund—		
Transfer from General Fund, Special (loan returned).....	205,000.00	
Transfer from General Fund, 1907-1908 (loan returned).....	350,000.00	
		555,000.00
Public Building Hospital Bond Fund—		
Transfer from General Fund, 1907-1908 (loan returned).....	150,000.00	
Transfer from Firemen's Relief Fund (loan returned).....	3,000.00	
		153,000.00

RECEIPTS.—Continued.

	Amount.	Total.
Public Building Sewer Bond Fund— Transfer from General Fund, Special (loan returned).....	\$ 70,000.00	\$ 70,000.00
Public Building Street Bond Fund— Transfer from Jail Bond Fund (loan re- turned).....	30,000.00	
Transfer from Park Extension Bond Fund (loan returned).....	75.00	30,075.00
Public Building Jail Bond Fund— Transfer from General Fund, Special (loan returned).....	200,000.00	
Transfer from Street Bond Fund (loan).....	30,000.00	230,000.00
Hospital Bond Redemption Account— Taxes.....	24,142.68	24,142.68
Sewer Bond Redemption Account— Taxes.....	168,210.68	168,210.68
School Bond Redemption Account— Taxes.....	84,099.41	84,099.41
Street Bond Redemption Account— Taxes.....	38,801.73	38,801.73
Jail Bond Redemption Account— Taxes.....	15,538.10	15,538.10
Library Bond Redemption Account— Taxes.....	36,685.21	36,685.21
Playground Bond Redemption Account— Taxes.....	17,256.64	17,256.64
Park Extension Bond Redemption Account— Taxes.....	8,616.45	8,616.45
Mission Park Bond Redemption Account— Taxes.....	7,753.23	7,753.23
Hospital Bond Interest Account— Taxes.....	16,870.46	16,870.46
Sewer Bond Interest Account— Taxes.....	23,894.69	23,894.69
School Bond Interest Account— Taxes.....	48,251.04	48,251.04
Street Bond Interest Account— Taxes.....	38,774.03	38,774.03

TREASURER

427

RECEIPTS.—Continued.

	Amount.	Total.
Jail Bond Interest Account— Taxes.....	\$ 18,931.69	\$ 18,931.69
Library Bond Interest Account— Taxes.....	33,275.75	33,275.75
Playground Bond Interest Account— Taxes.....	25,415.76	25,415.76
Park Extension Bond Interest Account— Taxes.....	10,776.52	
Transfer from Mission Park Interest Account	80.00	
Transfer from Street Bond Interest Account	2,425.10	13,281.62
Mission Park Bond Interest Account— Taxes.....	9,909.31	9,909.31
Total.....		\$21,687,839.75

DISBURSEMENTS.

	Amount.	Total.
General Fund, 1905-1906—		
Transferred to General Fund, 1906-1907.....	\$ 12,951.08	
		\$ 12,951.08
General Fund, 1906-1907—		
Demands paid.....	969,353.08	
Superior Court orders paid.....	903.60	
Transferred to General Fund, 1907-1908.....	100,000.00	
Transferred to School Fund.....	35,000.00	
Transferred to Firemen's Relief Fund.....	3,300.00	
Transferred to Library Fund.....	4,033.30	
		1,112,589.98
General Fund, 1907-1908—		
Demands paid.....	4,343,058.52	
Superior Court orders paid.....	31,955.98	
Transferred to Police Relief and Pension Fund (licenses).....	65,605.50	
Transferred to Police Relief and Pension Fund (fines).....	12,275.50	
Transferred to Assessor's Account (loan re- turned).....	300,000.00	
Transferred to Playground Bond Fund (loan returned).....	350,000.00	
Transferred to Hospital Bond Fund (loan returned).....	150,000.00	
		5,252,895.50
General Fund, 1907-1908 (Special Tax Levy)—		
Demands paid.....	709,798.16	
Transferred to General Fund, 1907-1908.....	2,750.68	
Transferred to Sewer Bond Fund (loan re- turned).....	70,000.00	
Transferred to Playground Bond Fund (loan returned).....	205,000.00	
Transferred to Jail Bond Fund (loan re- turned).....	200,000.00	
		1,187,548.84
Common School Fund—		
Demands paid.....		
Transferred to School Bond Fund (loan re- turned).....	1,380,481.15	
Transferred to Assessor (loan returned).....	570,000.00	
Transferred to Yerba Buena School Fund.....	85,000.00	
	27,973.25	
		2,063,454.40
Common School Fund (Special Tax Levy)—		
Demands paid.....	84,973.35	
Transferred to Common School Fund.....	375.09	
Transferred to School Bond Fund (loan re- turned).....	30,000.00	
		115,348.44
Yerba Buena School Fund—		
Demands paid.....	393.65	
		393.65
Teachers' Institute and Library Fund—		
Demands paid.....	346.11	
		346.11
Advertising Fund—		
Demands paid.....	12,659.56	
Transferred from General Fund, 1906-1907..	4,000.00	
		16,659.56
Advertising Redemption Fund—		
Demands paid.....	1,434.20	
		1,434.20

TREASURER

429

DISBURSEMENTS.—Continued.

	Amount.	Total.
Unapportioned Fee Fund—		
Demands paid.....	\$ 27,430.45	
Transferred to General Fund.....	263,569.94	
Transferred to Police Relief and Pension Fund.....	1,245.00	
		\$292,245.39
Park Fund—		
Demands paid.....	309,693.48	
		309,693.48
Library Fund—		
Demands paid.....	93,733.30	
		93,733.30
Police Relief and Pension Fund—		
Demands paid.....	74,388.34	
Transferred to General Fund, 1906-1907.....	11,500.00	
		85,888.34
House Moving Fund—		
Board of Works—Demands paid.....	1,535.00	
		1,535.00
House Moving Fund—		
Department of Electricity—Demands paid....	938.00	
		938.00
Duplicate Tax Fund—		
Demands paid.....	5,399.46	
		5,399.46
Tearing Up Streets—		
Demands paid.....	137,619.61	
		137,619.61
Robinson Bequest Interest Fund—		
Demands paid.....	4,100.00	
		4,100.00
Assessor's Account—		
Apportioned to Sundry Funds.....	416,210.60	
Transferred to Firemen's Relief Fund (loan)....	11,000.00	
Transferred to School Fund (loan).....	85,000.00	
Transferred to General Fund, 1907-1908 (loan).....	300,000.00	
		812,210.60
State of California Account—		
Settlement with State Controller, Dec., '07..	440,547.25	
Settlement with State Controller, Jan., '08..	953,658.51	
Settlement with State Controller, May, '08..	786,632.31	
		2,180,838.07
Henri Wendel Bequest Interest Fund—		
Demands paid.....	958.61	
		958.61
Firemen's Relief and Pension Fund—		
Demands paid.....	40,777.30	
Transferred to Library Bond Fund (loan returned).....	10,000.00	
Transferred to Assessor (loan returned).....	11,000.00	
Transferred to Hospital Bond Fund (loan returned).....	3,000.00	
Transferred to School Bond Fund (loan returned).....	500.00	
		65,277.30

DISBURSEMENTS.—Continued.

	Amount.	Total.
Special Permit Fund— Demands paid.....	\$ 54,245.00	
		\$ 54,245.00
Special Badge Fund— Demands paid.....	90.00	
		90.00
Hospital Bond Fund— Demands paid.....	471.66	
Transferred to Firemen's Relief Fund (loan)	3,000.00	
Transferred to General Fund, 1907-1908 (loan).....	150,000.00	
		153,471.66
Sewer Bond Fund— Demands paid.....	233,314.82	
Transferred to General Fund, Special (loan)	70,000.00	
		303,314.82
School Bond Fund— Demands paid.....	220,472.48	
Transferred to School Fund (loan).....	560,000.00	
		780,472.48
Street Bond Fund— Demands paid.....	241,545.83	
Transferred to General Fund, 1906-1907.....	4,681.17	
Transferred to Jail Bond Fund (loan).....	30,000.00	
		276,227.00
Jail Bond Fund— Demands paid.....	142,586.84	
Transferred to Street Bond Fund (loan re- turned).....	30,000.00	
Transferred to General Fund, 1907-1908 (special).....	200,000.00	
		372,586.84
Library Bond Fund— Demands paid.....	9,570.62	
Transferred to Firemen's Relief Fund (loan)	10,000.00	
		19,570.62
Playground Bond Fund— Demands paid.....	243,665.00	
Transferred to General Fund, 1907-1908 Special, (loan).....	205,000.00	
Transferred to General Fund, 1907-1908 Special, (loan).....	350,000.00	
		798,665.00
Mission Park Bond Fund— Demands paid.....	6.34	
		6.34
Park Extension Bond Fund— Transferred to Street Bond Fund (loan re- turned).....	75.00	
		75.00
Hospital Bond Redemption Account— Demands paid.....	25,000.00	
Transferred to General Fund, 1906-1907.....	2,531.33	
		27,531.33

DISBURSEMENTS.—Continued.

	Amount.	Total.
Sewer Bond Redemption Account—		
Demands paid.....	\$181,200.00	
Transferred to General Fund, 1906-1907.....	10,206.46	\$191,406.46
School Bond Redemption Account—		
Demands paid.....	89,800.00	
Transferred to General Fund, 1906-1907.....	6,454.65	96,254.65
Street Bond Redemption Account—		
Demands paid.....	42,500.00	
Transferred to General Fund, 1906-1907.....	3,889.59	46,389.59
Jail Bond Redemption Account—		
Demands paid.....	17,400.00	
Transferred to General Fund, 1906-1907.....	951.89	18,351.89
Library Bond Redemption Account—		
Demands paid.....	41,100.00	
Transferred to General Fund, 1906-1907.....	1,636.10	42,736.10
Playground Bond Redemption Account—		
Demands paid.....	18,500.00	
Transferred to General Fund, 1906-1907.....	1,597.69	20,097.69
Park Extension Bond Redemption Account—		
Demands paid.....	8,200.00	
Transferred to General Fund, 1906-1907.....	1,074.44	9,274.44
Mission Park Bond Redemption Account—		
Demands paid.....	7,300.00	
Transferred to General Fund, 1906-1907.....	1,554.79	8,854.79
Hospital Bond Interest Account—		
Demands paid.....	6,562.50	
Transferred to General Fund, 1906-1907.....	18,314.19	24,876.69
Sewer Bond Interest Account—		
Demands paid.....	9,513.00	
Transferred to General Fund, 1906-1907.....	155,290.68	164,803.68
School Bond Interest Account—		
Demands paid.....	29,858.50	
Transferred to General Fund, 1906-1907.....	63,375.07	93,233.57
Street Bond Interest Account—		
Demands paid.....	22,233.75	
Transferred to General Fund, 1906-1907.....	31,337.68	
Transferred to Park Exten. Interest account.	2,425.10	55,996.53
Jail Bond Interest Account—		
Demands paid.....	8,221.50	
Transferred to General Fund, 1906-1907.....	10,315.45	18,536.95
Library Bond Interest Account—		
Demands paid.....	22,345.75	
Transferred to General Fund, 1906-1907.....	24,324.84	46,670.59

DISBURSEMENTS.—Continued.

	Amount.	Total.
Playground Bond Interest Account—		
Demands paid.....	\$ 24,246.25	
Transferred to General Fund, 1906-1907.....	3,988.05	\$ 28,234.30
Park Extension Bond Interest Account—		
Demands paid.....	15,535.00	
Transferred to General Fund, 1906-1907.....	5.55	15,540.55
Mission Park Bond Interest Account—		
Demands paid.....	9,581.25	
Transferred to General Fund, 1906-1907.....	1,656.06	
Transferred to Park Extension Interest Account.....	80.00	11,317.31
Telegraph Hill Bond Redemption and Interest Account—Demands paid.....	3,319.21	3,319.21
Public Building Salary Fund—		
Demands paid.....	250.00	250.00
Total disbursements.....		17,436,460.00
Balance Cash on hand June 30th, 1908.....		4,251,379.75
Total.....		\$ 21,687,839.75

RECAPITULATION OF THE BALANCES IN THE CITY AND COUNTY FUNDS
AT THE CLOSE OF BUSINESS ON THE 30TH DAY OF JUNE, 1908.

General Fund, 1906-1907.....	\$172,834.54	
General Fund, 1907-1908.....	922,887.64	
General Fund, 1907-1908, Special Tax Levy.....	33,774.08	
Common School Fund.....	14,397.14	
Common School Fund, Special Tax Levy.....	16,422.88	
Yerba Buena School Fund.....	27,579.60	
Teachers' Institute and Library Fund.....	320.94	
Advertising Fund.....	1,456.34	
Unapportioned Fee Fund.....	33,052.97	
Park Fund.....	96,018.85	
Park Memorial Gate Fund.....	5,000.00	
Library Fund.....	34,258.12	
Police Relief and Pension Fund.....	45,526.63	
House Moving Fund—Board of Works.....	545.00	
House Moving Fund—Department of Electricity..	1,848.41	
Duplicate Tax Fund.....	14,318.29	
Tearing Up Streets Fund.....	31,401.57	
Robinson Bequest Fund.....	50.00	
Robinson Bequest Interest Fund.....	750.00	
Assessor's Account.....	518,874.24	
State of California.....	29,026.31	
Henri Windel Bequest Fund.....	446.06	
Firemen's Relief and Pension Fund.....	17.06	
Special Permit Fund.....	47,296.75	
Special Badge Fund.....	814.00	
Hospital and School Building Fund.....	2,215.22	
Public Building Hospital Bond Fund.....	248,185.34	
Public Building Sewer Bond Fund.....	75,662.29	
Public Building School Bond Fund.....	544,572.83	
Public Building Street Bond Fund.....	213,407.47	
Public Building Jail Bond Fund.....	134,714.16	
Public Building Library Bond Fund.....	123,497.88	
Public Building Playground Bond Fund.....	274,914.00	
Public Building Mission Park Bond Fund.....	340.66	
Mayor's Special Deposit Fund.....	100.00	
Hospital Bond Redemption Account.....	25,838.29	
Sewer Bond Redemption Account.....	187,216.71	
School Bond Redemption Account.....	92,808.36	
Street Bond Redemption Account.....	41,811.55	
Jail Bond Redemption Account.....	17,724.63	
Library Bond Redemption Account.....	42,283.17	
Playground Bond Redemption Account.....	19,027.36	
Park Extension Bond Redemption Account.....	8,513.68	
Mission Park Bond Redemption Account.....	7,662.31	
Telegraph Hill Bond Redemption and Interest Account.....	2,455.79	
Hospital Bond Interest Account.....	13,539.15	
Sewer Bond Interest Account.....	18,964.57	
School Bond Interest Account.....	33,107.41	
Street Bond Interest Account.....	27,715.27	
Jail Bond Interest Account.....	14,771.59	
Library Bond Interest Account.....	21,843.65	
Playground Bond Interest Account.....	13,136.59	
Park Extension Bond Interest Account.....	5,332.61	
Mission Park Bond Interest Account.....	5,063.95	
Balance Cash on hand June 30, 1908.....	4,265,343.91	
Less A. C. Widber, Deficiency Account.....	13,964.16	
		4,251,379.75

LOANS OUTSTANDING ON THE 30TH DAY OF JUNE, 1908.

To Merchants National Bank.....	\$ 65,000.00
To French-American Bank.....	125,000.00
	190,000.00

By JAMES C. TOMALTY, Bookkeeper.

San Francisco, Cal., July 20th, 1908.

JOHN E. McDOUGALD,

Treasurer of the City and County of San Francisco.

TREASURER'S REPORT OF SPECIAL AND UNAPPORTIONED FUNDS
FOR FISCAL YEAR, 1907-1908.

RECEIPTS.	Amount.	Total.
Balance on hand June 30, 1907.....		\$331,253.71
Police Court Bail Money.....	\$ 592,076.00	
Tax Collector—Taxes.....	7,561,334.75	
Tax Collector—Special.....	16,381.38	
Tax Collector—Commission.....	1.00	
Tax Collector—Licenses.....	1,065,276.75	
Redemption of Property sold to State.....	46,055.12	
Assessor—Poll Taxes.....	61,261.20	
Assessor—Poll Tax Commission.....	10,810.80	
Assessor—Personal Property Taxes.....	549,544.21	
Collateral Inheritance Tax.....	204,882.71	
Teachers' Annuity and Retirement Fund.....	16,677.20	
Special Redemption Taxes.....	53.56	
County Clerk (Special Deposit).....	156,749.92	
Absent Heirs.....	1,009.75	
Public Administrator.....	1,800.00	
State School Money.....	797,704.23	
		11,081,618.58
		11,412,872.29

DISBURSEMENTS.	Amount.	Total.
Police Court Bail Money.....	605,434.00	
Tax Collector—Taxes.....	7,553,440.80	
Tax Collector—Commission.....	1.00	
Tax Collector—Special.....	16,381.38	
Tax Collector—Licenses.....	1,065,276.75	
Redemption of property sold to State.....	46,586.54	
Assessor—Poll Tax.....	61,261.20	
Assessor—Poll Tax Commission.....	12,590.10	
Assessor—Personal Property Taxes.....	549,544.21	
Collateral Inheritance Tax.....	183,773.89	
Teachers' Annuity and Retirement Fund.....	15,292.70	
Special Redemption Taxes.....	636.98	
County Clerk (Special Deposit).....	128,596.55	
Absent Heirs.....	9,803.33	
Public Administrator.....	2,166.43	
State School Money.....	735,526.91	
Balance on hand June 30, 1908.....		10,986,312.77
		426,559.52
		11,412,872.29

RECAPITULATION OF THE BALANCES IN THE SPECIAL AND UNAPPORTIONED FUNDS ON THE 30TH DAY OF JUNE, 1908.

	Amount.	Total.
Police Court Bail Money.....	15,310.50	
Tax Collector—Taxes.....	76,627.51	
Tax Collector—Commission.....	1.00	
Tax Collector—Special.....	1,968.87	
Redemption of property sold to State.....	3,583.84	
Assessor—Commission.....	10,763.10	
Collateral Inheritance Tax.....	44,274.28	
Teachers' Annuity and Retirement Fund.....	4,159.32	
Special Redemption Taxes.....	1,193.74	
County Clerk (Special Deposits).....	62,174.83	
Absent Heirs.....	14,908.66	
Public Administrator.....	10,614.00	
State School Money.....	180,979.87	
		426,559.53

REPORT OF TEACHERS' ANNUITY AND RETIREMENT FUND.

	Amount.	Total.
Total amount in fund.....		58,493.25
On deposit in German Bank.....	7,466.10	
On deposit in French Bank.....	6,717.64	
On deposit in Mechanics Bank.....	6,440.05	
On deposit in Security Bank.....	11,553.08	
On deposit in Hibernia Bank.....	6,476.37	
On deposit in Mutual Bank.....	5,838.05	
On deposit in Central Trust Co.....	5,584.50	
On deposit in City and County Bank.....	4,258.14	
	54,333.93	
Balance in City and County Treasury.....	4,159.32	58,493.25

By JAMES C. TOMALTY, Bookkeeper.

San Francisco, July 20, 1908.

JOHN E. McDOUGALD,

Treasurer, City and County of San Francisco.

Report of Justices' Court

To the Honorable the Board of Supervisors
of the City and County of San Francisco, State of California.

Gentlemen:—Herewith please find my report of the receipts and disbursements of the Justices' Court and Justices Clerk's Office for the fiscal year ending June 30th, 1908:

RECEIPTS.

Fees paid for filing Justices' Court actions, trial and default judgments, appeals to Superior Court, etc.—

1907—July	\$ 1,799.25	
August	1,831.35	
September	1,924.50	
October	2,122.50	
November	53.25	
December	1,856.75	
1908—January	2,921.00	
February	2,949.00	
March	3,137.25	
April	3,216.25	
May	2,380.50	
June	2,654.75	

Total receipts	\$26,846.25
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DISBURSEMENTS.

Salaries of Justices of the Peace—Five at \$3,600.00	
per annum	\$18,000.00
Salaries of Justices' Clerk and Assistants.....	8,400.00

Total disbursements	\$26,400.00
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Excess of receipts over disbursements.....	\$ 446.25
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Respectfully submitted,

GEO. S. McCOMB,
Justices' Clerk.

Report of Chief of Police

REPORT OF WILLIAM J. BIGGY, CHIEF OF POLICE OF THE CITY AND
COUNTY OF SAN FRANCISCO, FOR THE FISCAL YEAR
ENDING JUNE 30, 1908.

San Francisco, July 16, 1908.

To the Honorable Edward R. Taylor, Mayor of the City
and County of San Francisco, State of California.

Dear Sir:

In compliance with Section 9, Article XVI of the Charter, I submit herewith the Annual Report of the Police Department for the fiscal year ending June 30, 1908. The compilation has been arranged in exhibits.

The police signal system was totally destroyed in the burned district, and badly damaged in the other portion of the City, by the great fire following the earthquake of April, 1906, and, as the burned district is being rapidly built up and reinhabited, it is of vital importance that the system be reestablished as soon as possible.

Many of the patrol wagons of the department are old and nearly useless, and there should be at least four new ones provided.

The headquarters of the department, as well as those of Company A, are temporarily housed at No. 64 Eddy Street, with very poor facilities for the discharge of official business. In addition to this, the North End, Park, Potrero, Bay View and Ocean View Stations are occupying rented premises, which expense should be saved the City by providing accommodations on City property; particularly the Park, North End and Potrero Stations.

An appropriation of \$15,000.00 was made this year for the establishment of one large stable for the housing and care of the department horses, which will reduce the annual expense in that direction very materially. This will no doubt be completed within the next few months.

The police patrol boat has been placed in commission, and is quartered at the Mission Street Dock, ready for any police work that may develop in the waters of our bay.

Owing to the rapid spread and settlement of the outlying districts of the City, particularly the Mission, Potrero and Sunset, it has become necessary that a new police district be established, covering the western portion of the present Mission district. This I was in hopes of being able to accomplish the present fiscal year, but as the Board of Supervisors was unable to see its way clear in allowing for such in the annual budget for 1908-1909, we shall have to do the best we can until another year rolls around.

Respectfully submitted,

W. J. BIGGY,
Chief of Police.

Exhibit "A"—Refers to the police stations and their locations throughout the City.

Exhibit "B"—Numerical strength of the department, with rank and annual salary attached to each.

Exhibit "C"—Comparative statement of the strength of the department and the arrests made for the thirty years ending June 30, 1908.

Exhibit "D"—Relates to patrol wagon service, sick, injured and insane cared for, persons taken home, and lost children looked out for.

Exhibit "E"—Shows the mounted patrol, with rank, and territory covered.

Exhibit "F"—Letters and telegrams received and sent out.

Exhibit "G"—Subpoenas served.

Exhibit "H"—Condition of and work done in the Bureau of Identification.

Exhibit "I"—Estimated value of property reported lost or stolen, with value of that recovered during the year.

Exhibit "J"—Money received from the sale of unclaimed property.

Exhibit "K"—Statements of arrests by months and the crimes charged against the culprits.

Exhibit "L"—Appeals from the Police to the Superior Courts.

Exhibit "M"—Statement of the police contingent fund.

Exhibit "N"—Money received for services of police officers.

Exhibit "O"—Murders or attempted murders of police officers.

Exhibit "P"—Appointments, removals and action taken by the Board of Police Commissioners on charges preferred against members of the department.

Exhibit "Q"—Relates to retail liquor dealers, arrests for violating the liquor license laws, and licenses of auctioneers, intelligence offices, pawnbrokers, second-hand dealers, kinetscopes, panoramas, museums, cycloramas, merry-go-rounds, phonograph parlors, shooting galleries, junk dealers, peddlers, solicitors, drivers, motormen and guides.

Exhibit "R"—Report of the Police Relief and Pension Fund Commissioners.

EXHIBIT "A"

POLICE STATIONS AND THEIR LOCATIONS.

Name of Station.	Location.
Central Station.....	64 Eddy Street.
City Hall Station.....	N. Side Bush, bet. Polk and Van Ness.
O'Farrell Street Station.....	2117 O'Farrell Street.
North End Station.....	3118 Fillmore Street.
Golden Gate Park Station.....	506 Stanyan Street.
Southern Station.....	Fourth and Clara Streets.
Potrero Station.....	609 Twentieth Street.
Bay View Station.....	S. E. cor. Railroad and Fourteenth Aves.
Mission Station.....	Seventeenth and Division Streets.
Ocean View Station.....	Plymouth St., bet Sagamore and Ottawa.
Harbor Station.....	N. E. cor. Drumm and Commercial Sts.

EXHIBIT "B."

Numerical strength of the Department, with rank and the annual salary attached to each.

Rank	Salary Each.
4 Commissioners	\$1,200.00
1 Secretary to Commissioners.....	2,400.00
1 Stenographer to Commissioners.....	1,800.00
1 Chief	4,000.00
1 Captain of Detectives.....	3,000.00

CHIEF OF POLICE

439

7 Captains of Police.....	2,400.00
1 Clerk to Chief.....	2,400.00
1 Property Clerk	2,400.00
14 Lieutenants of Police	1,920.00
25 Detective Sergeants	1,800.00
48 Patrol Sergeants	1,680.00
24 Corporals	1,560.00
682 Patrolmen	1,464.00
1 Police Surgeon.....	1,500.00
3 Engineers on Police Patrol Boat.....	1,500.00
26 Patrol Wagon Drivers	1,200.00
3 Prison Matrons	720.00
1 Prison Cook	1,080.00
3 Telephone Operators	600.00
1 Chief Hostler	1,500.00
1 Hostler	1,080.00

There is \$24.00 per annum deducted from each man's salary, from the Chief of Police to Patrolmen, including both ranks, which is paid into the pension fund. All the others are exempt, as they are not entitled to a pension.

EXHIBIT "C."

Comparative statement of the number of arrests and strength of the Police force for the thirty years ending June 30, 1908.

Years.	No. of Officers.	No. of Arrests.
1878-79	329	22,120
1879-80	340	21,063
1880-81	400	23,011
1881-82	400	25,969
1882-83	400	24,149
1883-84	400	25,591
1884-85	400	24,432
1885-86	406	26,587
1886-87	406	23,805
1887-88	406	19,466
1888-89	406	23,462
1889-90	406	23,549
1890-91	406	24,528
1891-92	456	28,417
1892-93	456	25,987
1893-94	456	25,824
1894-95	482	25,960
1895-96	557	30,462
1896-97	559	29,168
1897-98	559	28,013
1898-99	559	27,769
1899-1900	588	26,448
1900-01	588	27,362
1901-02	607	28,480
1902-03	643	29,336
1903-04	671	36,208
1904-05	707	33,893
Records of 1905-06 destroyed, except from April 18 to July 1, 1906.....	708	878
1906-07	759	27,013
1907-08	802	38,738

CHIEF OF POLICE

EXHIBIT "D."

PATROL WAGON SERVICE.

Number of runs.....	19,100
Miles travelled.....	42,713
Prisoners brought to stations.....	23,566
Fires attended.....	564
False alarms.....	517
Sick and injured to hospitals.....	2,359
Insane cared for.....	228
Prisoners transferred to City Prison and County Jail.....	14,260
Persons taken home.....	114
Lost children.....	131

EXHIBIT "E."

MOUNTED PATROL.

The Golden Gate Park and Ocean Beach with the outlying sections of the Richmond, Sunset, Bay View and Mission Districts are covered by mounted officers, consisting of the following:

- 1 Sergeant.
- 3 Corporals.
- 54 Patrolmen.

EXHIBIT "F."

LETTERS AND TELEGRAMS RECEIVED AND SENT OUT.

Letters received.....	4,859
Letters sent out.....	7,925
Telegrams received.....	699
Telegrams sent out.....	604
Total.....	14,087

EXHIBIT "G."

SUBPOENAS SERVED.

Superior Court.....	904
Police Court.....	6,059
Grand Jury.....	118
Coroner's	1,891
Police Commissioners.....	132
Total.....	9,104

EXHIBIT "H."

REPORT OF BUREAU OF IDENTIFICATION, PHOTOGRAPHS AND DESCRIPTIONS OF CRIMINALS ON HAND JUNE 30, 1908.

Local criminals (Whites, Negroes, Japanese, Females, Key-book).....	19,256
Local Chinese criminals.....	2,270
State Prison photographs and descriptions—	
San Quentin	22,935
Folsom	7,029
Los Angeles	3,397
Oakland	296
Foreign, United States, Europe, etc.....	4,492
Total.....	56,000

CHIEF OF POLICE

441

Photographs and Bertillion measurements taken during fiscal year.....	614
Photographs and descriptions received during year from State Prisons, outside Police Departments, etc.....	2,108
Circulars received during year from California points.....	423
Circulars received from outside States and Foreign countries.....	673
Circulars prepared and sent out.....	10,850
Photographs and descriptions sent out.....	2,898

EXHIBIT "I."

ESTIMATED VALUE OF PROPERTY LOST AND STOLEN AND OF PROPERTY RECOVERED DURING FISCAL YEAR ENDING JUNE 30, 1908.

Month.	Lost or Stolen.	Recovered.
July, 1907.....	\$11,407.00	\$ 520.00
August.....	12,382.25	845.00
September.....	13,988.95	1,582.00
October.....	14,702.40	1,879.50
November.....	17,956.15	4,880.00
December.....	17,489.85	986.70
January, 1908.....	18,634.65	3,704.00
February.....	15,833.50	851.35
March.....	15,172.25	2,525.00
April.....	52,420.15	1,127.00
May.....	23,179.75	823.00
June.....	14,307.65	2,171.00
	<u>\$227,475.05</u>	<u>\$21,894.55</u>

EXHIBIT "J."

The following is a statement of the amount of money realized on the sale of unclaimed property in the hands of the Property Clerk since the last annual report:

Cash taken from packages.....	\$800.59	
Result of auction sale.....	754.10	\$1,554.69

DISBURSEMENTS.

Auctioneer's commission at 7½%.....	\$56.55	
Expressage on packages.....	15.00	
Advertising sale in Evening Post.....	5.00	
Advertising sale in Chronicle.....	20.00	
Postal cards containing notice of sale.....	4.00	\$ 100.55
		<u>\$ 100.55</u>
Net proceeds paid to Treasurer.....		\$1,454.14

EXHIBIT 'K'—Continued.

TABULATED STATEMENT OF OFFENSES CHARGED AND ARRESTS MADE BY THE POLICE DEPARTMENT OF SAN FRANCISCO FOR THE FISCAL YEAR ENDING JUNE 30, 1908.

	1908												Total
	1907												
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	
Failure to provide for minor child	10	9	10	11	9	11	13	12	19	14	10	14	142
False imprisonment	1	1	1	1	5	1	1	1	1	1	1	1	9
False personation	19	4	7	9	11	6	11	6	13	14	11	3	108
False pretenses, obtaining money or goods by	3	3	4	4	5	6	7	7	7	3	5	8	51
Fast or reckless driving	16	9	16	6	8	19	17	6	2	3	4	3	109
Felony, throwing red pepper with malicious intent	1	1	1	1	1	1	1	1	1	1	1	1	11
Firearms, discharging in City limits	1	1	1	1	1	1	1	1	1	1	1	1	11
Firearms, selling to minors	1	1	1	1	1	1	1	1	1	1	1	1	11
Fire Ordinance, Violating	1	1	1	1	1	1	1	1	1	1	1	1	11
Fire Works, Discharging	1	1	1	1	1	1	1	1	1	1	1	1	11
Fire Works, Discharging	1	1	1	1	1	1	1	1	1	1	1	1	11
Fish Law, violating	1	1	1	1	1	1	1	1	1	1	1	1	11
Forceful Entry and Detainer	1	1	1	1	1	1	1	1	1	1	1	1	11
Forgery	7	3	7	6	9	8	9	3	3	3	4	6	18
Fraudulent conveyance	6	3	1	1	1	1	1	1	1	1	1	1	3
Fraudulently concealed property	4	1	1	1	1	1	1	1	1	1	1	1	59
Fugitives	15	4	1	1	1	1	1	1	1	1	1	1	11
Gambling, concealed	4	15	7	11	19	128	157	172	2	2	1	6	17
Gambling house, keeping	81	81	110	102	422	583	576	600	490	315	408	391	973
Gambling house, visiting	1	1	1	1	1	1	1	1	1	1	1	1	67
Gambling, craps	1	1	1	1	1	1	1	1	1	1	1	1	67
Gambling, Cruseo	1	1	1	1	1	1	1	1	1	1	1	1	67
Gambling, dice	1	1	1	1	1	1	1	1	1	1	1	1	67
Gambling, Dominoes	1	1	1	1	1	1	1	1	1	1	1	1	67
Gambling, Faro	1	1	1	1	1	1	1	1	1	1	1	1	67
Gambling, nickel-in-slot	1	1	1	1	1	1	1	1	1	1	1	1	67
Gambling, pool	1	1	1	1	1	1	1	1	1	1	1	1	67
Gambling, pool selling in prescribed limits	1	1	1	1	1	1	1	1	1	1	1	1	67
Gambling, stud horse poker	1	1	1	1	1	1	1	1	1	1	1	1	67
Gambling, Wheel of Fortune	1	1	1	1	1	1	1	1	1	1	1	1	67
Gambling, Lottery Aiding and Managing	1	1	1	1	1	1	1	1	1	1	1	1	67
Gambling, lottery house, keeping	4	4	2	5	3	3	1	3	6	9	6	3	15
Gambling, Lottery House Visiting	4	4	2	5	3	3	1	3	6	9	6	3	50
Gambling, lottery tickets in possession	7	7	2	11	3	3	3	3	9	7	2	20	67
Gambling, lottery ticket selling	8	8	12	4	3	7	5	7	5	8	14	14	87
Gambling, Pie-Gaw Game	1	1	1	1	1	1	1	1	1	1	1	1	11
Gambling, tan game, keeping	1	1	1	2	7	4	4	3	5	1	1	1	19
Gambling, tan game, keeping	1	1	1	2	7	4	4	3	5	1	1	1	4

Gambling, tan game, visiting	9	21	5	30	8	73
Game Law, violating	3	1	4	4	9	9
Gas Ordinance Violating						
Hack Ordinance, violating	3	1	1	1	2	21
Health Ordinance, violating	38	42	128	189	95	815
Ill fame, inmate of house of	12	14	77	113	44	151
Ill fame, keeping house of	7	3	4	9	13	73
Ill fame, keeping minor in house of	1	3	5	6	8	4
Ill fame, placing wife in house of						
Ill fame, Soliciting for House of	17	16	20	39	26	235
Ill fame, visitor of house of	1	3	1	4	4	9
Incest						
Indecent exhibition		32	12	16	3	64
Indecent exposure	1	1	4	3	5	53
Insanity	14	20	17	21	20	228
Indecent Pictures		3	17		32	20
Kidnaping						
Knockout Drops		1	1	1		6
Language, vulgar and profane		1	25	22	47	344
Larceny, grand	38	31	24	25	37	11
Larceny, grand, attempted		1	1	4	2	73
Larceny, petit	66	71	93	99	88	1028
Larceny, petit, trick and device				8	1	10
Larceny, petit, attempted						
Laundry Order, Violating						
Lewd and indecent act, committing						
Libel	1	4	5	3	6	69
License Law, liquor		3	2	10	3	31
License Law, violating	14	6	3	1	6	260
License Law, merchandize	5	9	30	22	24	307
License, peddling without	1	3	16	51	11	6
Liquor, carrying into City Prison	11	3	1	15	8	108
Malicious mischief		13	8	2	7	3
Manslaughter	38	36	35	40	25	397
Mayhem	11	11	8	7	9	125
Milk Ordinance, violating	1	1	1	1	2	10
Minor, employing as acrobat	14	10	31	22	14	242
Minor, jumping on and off steam car in motion		13	2		43	3
Minor, jumping on and off cable car in motion						
Minor, allowing, in pool rooms						
Minor, selling liquor to		7	8	2	2	25
Minor, Selling Tobacco to		5	6	5	1	44
Murder	6	8	2	5	2	4
Mutiny						
Medical treatment						
Morphine, Carrying into Prison	122	133	160	149	122	1561
		1	104	104	150	1

CHIEF OF POLICE

Sodomy, Attempted.....				1	1																2
Soliciting and employing one to commit public offense					3					3											11
Surrendered by Bondsmen.....																					
Street, Bail Playing on.....																					27
Street car obstruction.....	8	5	3	4	1	2															30
Street, distributing hand bills on.....	1	1	3	1	1	1		8													230
Street Order, violating.....	24	13	6	19	19	48		14	26												75
Threats to kill.....	7	2	8	8	5	6		3	1												2
Trademark, violation of.....																					32
Trespass.....			8		20					2											2
Unlawful Cohabitation.....		1						1													2
Urinating in Public Street.....	2	3	2					1		2											11
Violating Child Labor Law.....																					2
Vagrancy.....	195	159	131	204	423	322		386	341	330											3441
Violating Section Penal Code No. 601.....	6									9											23
Violating Section Penal Code No. 602.....	3									4											13
Vet. Surgeon Practicing Without Diploma P. C. 330.....										4											17
Wearing Unlawful Apparel.....													3	2	1						6
Totals.....	2429	2283	2751	2785	3705	3812	3907	3533	4013	3325	3385	3179	38747								

EXHIBIT "L."

REPORT OF POLICE COURT APPEALS TO THE SUPERIOR COURT, AND
DISPOSITION OF SAME FOR THE FISCAL YEAR ENDING
JUNE 30, 1908.

New appeals pending June 30, 1907.....	1	
Appeals filed during the fiscal year ending June 30, 1908.....	11	
Judgments affirmed.....		5
Judgments reversed.....		3
Judgments modified.....		1
New appeals pending June 30, 1908.....		3
Totals.....	12	12

EXHIBIT "M."

STATEMENT OF THE POLICE CONTINGENT FUND, FOR THE FISCAL
YEAR ENDING JUNE 30, 1908.

RECEIPTS.

July 24, 1907, received from Treasurer.....	\$ 666.66
Aug. 28, 1907, received from Treasurer.....	666.66
Sept. 25, 1907, received from Treasurer.....	666.65
Oct. 31, 1907, received from Treasurer.....	666.65
Dec. 5, 1907, received from Treasurer.....	666.65
Jan. 3, 1908, received from Treasurer.....	666.65
Feb. 1, 1908, received from Treasurer.....	666.65
Mar. 7, 1908, received from Treasurer.....	666.65
Mar. 24, 1908, received from Treasurer.....	666.65
April 21, 1908, received from Treasurer.....	666.65
May 15, 1908, received from Treasurer.....	666.65
June 13, 1908, received from Treasurer.....	666.65

Total received from Treasurer.....	\$7,999.82
July 1, 1907, cash on hand.....	1.78

Total amount coming into hands of Property Clerk
during year \$8,001.60

DISBURSEMENTS.

EXPENSES PAID FROM CONTINGENT FUND DURING FISCAL YEAR.

July, 1907, expenses for month, as per vouchers on file....	\$ 366.09
Aug., 1907, expenses for month, as per vouchers on file....	398.50
Sept., 1907, expenses for month, as per vouchers on file....	608.82
Oct., 1907, expenses for month, as per vouchers on file....	411.78
Nov., 1907, expenses for month, as per vouchers on file....	603.00
Dec., 1907, expenses for month, as per vouchers on file....	988.95
Jan., 1908, expenses for month, as per vouchers on file....	720.75
Feb., 1908, expenses for month, as per vouchers on file....	757.51
Mar., 1908, expenses for month, as per vouchers on file....	1,307.05
April, 1908, expenses for month, as per vouchers on file....	1,091.35
May, 1908, expenses for month, as per vouchers on file....	803.70
June, 1908, expenses for month, as per vouchers on file....	695.25

Total..... \$8,752.75

CHIEF OF POLICE

449

Less the following amounts advanced to Police Officers for the purpose of investigating criminal cases, bringing back criminals, etc., later returned.

Dec. 19, 1907,	Refund by Detective Sergeant Reagan, extradition of J. Johnson.....	\$ 120.00
Dec. 31, 1907,	Refund by Detective Sergeant Armstrong. Case of Harry Chim.....	15.00
Jan. 4, 1908,	Refund in Barnett and Walker case by J. W. Raphael.....	128.00
Jan. 13, 1908,	Refund by Detective Sergeant Regan in J. Johnson case.....	80.00
Jan. 22, 1908,	Refund by Detective Sergeant Murphy in case of R. E. Dunkin.....	200.00
Jan. 22, 1908,	Refund by J. W. Raphael. Case of W. J. Barnett.....	4.00
Feb. 4, 1908,	Refund by Detective Sergeant T. L. Ryan in case of Lily Healy.....	30.00
Feb. 6, 1908,	Refund by Officer C. Goff; advanced to investigate dynamite cases.....	14.70
Feb. 17, 1908,	Refund by Detective Sergeant E. J. Wren in case of James Lee.....	20.00
Mar. 14, 1908,	Refund by Detective Sergeant D. Matheson in case stolen property, Los Angeles..	3.15
Mar. 31, 1908,	Advance to Ella Morarity.....	10.00
April 2, 1908,	Refund money won on gambling detail by Officer J. F. Madden.....	3.00
April 10, 1908,	Refund money won on gambling detail by Officer J. F. Madden.....	6.00
April 10, 1908,	Refund money advanced to Dr. A. H. Miller to go to Denver.....	25.00
April 10, 1908,	Refund money won on gambling detail by Officer J. F. Madden.....	6.00
April 10, 1908,	Refund money won on gambling detail by Officer J. F. Madden.....	3.00
April 13, 1908,	Refund by Chief Biggy in M. Wilson case	72.20
April 16, 1908,	Refund by Officer W. Meagher; won on gambling detail	4.65
April 21, 1908,	Refund by Officers King and Cummings; won on gambling detail.....	5.00
April 24, 1908,	Refund in case of Officer French; ambulance to hospital.....	5.00
April 29, 1908,	Refund by Detective Sergeant Regan in E. Burke case.....	50.00
June 1, 1908,	Refund money used in case of A. J. Mefret; telegrams	2.55
June 12, 1908,	Refund by Detective Sergeant Proll; serving subpoenas, Santa Barbara.....	29.00

Total amount refunded.....	\$836.25
Total amount expended during fiscal year.....	\$7,916.50
Cash on hand June 30, 1908.....	85.10

\$8,001.60

CHIEF OF POLICE

EXHIBIT "N."

Statement of the amount of money received and paid into the City and County Treasury, as per Treasurers' receipts on file, for the service of Police officers detailed at various places of amusement, etc., per Section 12, Chapter X, of the Charter, during the fiscal year ending June 30, 1908.

1907—July	\$ 65.00
August	67.50
September	92.50
October	72.50
November	85.00
December	175.00
1908—January	137.50
February	155.00
March	127.00
April	125.00
May	135.00
June	142.50
Total.....	<u>\$1,379.50</u>

Statement of the amount of money deducted from awards to Police officers by the Honorable Board of Police Commissioners, and paid into the City and County Treasury, as per Treasurer's receipts, during the fiscal year ending June 30, 1908.

1907—July	\$48.00
December	14.00
1908—January	7.00
March	50.00
Total.....	<u>\$119.00</u>

EXHIBIT "O."

MURDERS OR ATTEMPTED MURDERS OF POLICE OFFICERS DURING THE FISCAL YEAR.

Patrolman Edward T. McCartney, a member of Company D, was shot and killed at the corner of Twenty-fourth and Folsom Streets, at 4:00 A. M., September 3d, 1907, by John Tansey, a striking carman. Tansy was convicted of manslaughter and given ten years in State Prison.

Patrolman Edward H. Mills, a member of Company A, was shot twice on the night of February 16, 1908, on Golden Gate Avenue, near Market Street, while arresting Richard Johnson, who had just held up and robbed a man a few minutes before. Johnson was convicted of attempt to commit murder and sentenced to serve five years in State Prison.

Patrolman William H. Heins, a member of Company A, was shot and killed on the night of June 4, 1908, at the corner of Montgomery and Pacific Streets, while quelling a riot, by James O. and Thomas O. Young. The Young brothers are now awaiting trial in our Superior Court on a murder charge.

EXHIBIT "P."

STRENGTH OF THE POLICE DEPARTMENT AND SUMMARY OF ACTION
TAKEN BY THE BOARD OF POLICE COMMISSIONERS IN THE TRIAL
OF COMPLAINTS AGAINST MEMBERS THEREOF DURING THE
FISCAL YEAR ENDING JUNE 30, 1908.

BOARD OF POLICE COMMISSIONERS JUNE 30, 1908.

A. D. CUTLER.....	Commissioner and President of the Board
JOSEPH LEGGETT.....	Commissioner
HUGO D. KEIL.....	Commissioner
CHAS. A. SWEIGERT.....	Commissioner
CHAS. F. SKELLY, Secretary.	

NUMERICAL STRENGTH OF THE POLICE DEPARTMENT JUNE 30, 1908.

Police Commissioners.....	4
Secretary, Board of Police Commissioners.....	1
Secretary, Board of Police and Pension Fund Commissioners.....	1
Police Surgeon.....	1
Police Stenographer.....	1
Telephone Operators.....	3
Matrons, City Prison.....	3
Cook, City Prison.....	1
Hostlers	2
Engineers	3
Patrol Wagon Drivers.....	24
Chief of Police.....	1
Captain of Detectives.....	1
Captains of Police.....	6
Clerk, Chief of Police.....	1
Property Clerk.....	1
Detective Sergeants	25
Lieutenants of Police	14
Sergeants of Police	46
Corporals of Police	21
Police Officers	685
Total.....	845

APPOINTMENTS AND REMOVALS DURING YEAR ENDING JUNE 30, 1908.

Chief of Police, appointed.....	1
Chief of Police, resigned.....	1
Police Officers, appointed.....	141
Police Officers, resigned	4
Police Officers, died	11
Police Officers, dismissed	12
Police Officers, retired	17
Police Officers, reinstated	1
Patrol Wagon Drivers, appointed	4
Patrol Wagon Drivers, resigned	1
Matrons, City Prison, appointed.....	2
Matrons, City Prison, dismissed	1
Telephone Operators, appointed.....	3

Telephone Operators, dismissed.....	1
Hostlers, appointed.....	2
Hostlers, dismissed.....	1
Police Surgeon, appointed.....	1
Police Surgeon, resigned.....	1
Engineers, appointed	3

ACTION TAKEN BY BOARD IN TRIAL OF MEMBERS OF THE POLICE
FORCE ON CHARGES DURING YEAR ENDING JUNE 30, 1908.

Number of complaints filed.....	87
Number of complaints sustained by dismissal from the Department.....	12
Number of complaints sustained by fines.....	30
Number of complaints sustained by reprimand.....	13
Number of complaints dismissed	32
Aggregate amount of fines.....	\$1,875.00

EXHIBIT "Q."

RETAIL LIQUOR DEALERS.

Total number licensed places June 30, 1907.....	2,357
Applications received during the year.....	10,212
Withdrawn	23
Refused	82
Revoked	36
Retired from business	155
	191
New places granted.....	183
Total number licensed places June 30, 1908.....	2,349
Net loss	8
Straight saloons	2,043
Restaurants	133
Halls	3
Dance Halls	32
Clubs (incorporated).....	8
Concert Halls	4
Billiard Parlors	3
Ferryboats	8
Sealed Packages	12
Lodging Houses and Bar.....	3
Boarding Houses and Bar.....	33
Hotel and Bar.....	44
Hotel	1
Saloon and Restaurant, combination.....	22

ARRESTS MADE DURING YEAR FOR VIOLATION OF LIQUOR LICENSE
LAWS AND DISPOSITION OF SAME BY COURTS.

Number of arrests	214
Number dismissed	129
Number convicted	80
Number pending	5
Amount of fines paid after conviction.....	\$3,305.00

CHIEF OF POLICE

453

AUCTIONEERS.

Total number licensed places June 30, 1907.....	29	
Total number new permits granted.....	26	
		55
Retired from business.....	10	
Died	1	11
		44
Total number places in business June 30, 1908.....		44

INTELLIGENCE OFFICES.

Total number licensed places June 30, 1907.....	25	
Total number new places opened during year.....	28	53
		53
Retired from business.....	15	
Refused renewal	1	16
		16
Total number places in business June 30, 1908.....		37
Net gain	12	
Applications refused	4	

PAWNBROKERS.

Total number of places in business June 30, 1907.....	29	
Total number of new places opened.....	14	43
		43
Total number retired from business.....		4
		4
Total number places in business June 30, 1908.....		39
Net gain	10	
Applications refused	3	

SECOND-HAND DEALERS.

Total number places in business June 30, 1907.....	60	
Total number new places opened during year.....	47	107
		107
Total number places closed during year.....	9	
Total number places revoked during year.....	1	10
		10
Total number places in business June 30, 1908.....		97
Total number applications refused.....	14	

KINETOSCOPES.

Applications received		47
Applications refused	1	
Applications withdrawn	2	
Applications pending	6	9
		9
Permits granted and places now open.....		38

CHIEF OF POLICE

PANORAMAS.

Applications received.....		14
Applications withdrawn	2	
Retired from business.....	1	3
	<hr/>	<hr/>
Permits granted and places now open.....		11

MUSEUMS.

Applications received		5
Applications withdrawn	2	
Applications refused	1	3
	<hr/>	<hr/>
Permits granted and places now open.....		2

CHUTE.

Applications received	1	
Permits granted	1	
Places now open		1

CYCLORAMAS.

Applications received	1	
Applications pending	1	

MERRY-GO-ROUND.

Applications received.....	2	
Applications pending	1	
	<hr/>	<hr/>
Permits granted and now in operation.....		1

PHONOGRAPH PARLORS.

Applications received	4	
Applications withdrawn	2	
	<hr/>	<hr/>
Permits granted and places now open.....		2

SHOOTING GALLERY KEEPERS.

Total number places in business June 30, 1907.....	9	
Applications received during year.....	24	33
	<hr/>	<hr/>
Applications withdrawn	6	
Applications refused	8	14
	<hr/>	<hr/>
Permits revoked	6	
	<hr/>	<hr/>
Retired from business.....	1	7
Total number places in business June 30, 1908.....		12

PERMITS TO CARRY CONCEALED WEAPONS.

Applications received during year ending June 30, 1908.....		177
Applications refused		60
	<hr/>	<hr/>
Applications granted		117
Permits revoked	1	

CHIEF OF POLICE

455

JUNK GATHERERS.

Total number in business June 30, 1907.....	116	
New applications granted.....	18	134
Retired from business.....		14
Total number in business June 30, 1908.....		120
Applications withdrawn	4	
Applications refused	1	
Applications received	19	
Applications withdrawn	1	
Applications granted		18

PEDDLERS.

Applications received for year ending June 30, 1908.....		2,107
Applications withdrawn.....	40	
Applications refused	11	51
Applications granted		2,056
Average per quarter	514	
Arrested for peddling without license.....		94
Cases dismissed		72
Convicted and fined		22
Amount of fines and forfeitures in police courts.....		\$155.00

SOLICITORS.

Total number in business June 30, 1907.....	9	
Applications received during year.....	31	40
Retired from business during year.....		24
Total number in business June 30, 1908.....		16

DRIVERS.

Total number drivers June 30, 1907.....		262
Applications received during year.....		302
Applications withdrawn	3	
Applications refused	1	
Applications pending	4	8
Applications granted		294
Permits revoked	1	

MOTORMEN.

Total number of Motormen June 30, 1907.....		371
Applications received during year.....		586
Applications withdrawn	7	
Applications refused	1	
Applications pending	2	10
Applications granted		576
Permits revoked	3	

EXHIBIT "R"

REPORT
OF THE
Police Relief and Pension Fund Commissioners

FOR

FISCAL YEAR ENDING JUNE 30, 1908.

To the Hon. Edward R. Taylor,

Mayor of the City and County of San Francisco.

Dear Sir: The following Board of Police Pension Fund Commissioners was in office during the fiscal year 1907-08, and acting under the provisions of Chapter X of Article VIII of the Charter of the City and County of San Francisco, approved by the Legislature January 19, 1899:

A. D. CUTLER.....President
CHARLES A. SWEIGERT.....Commissioner
HUGO D. KIEL.....Commissioner
JOSEPH LEGGETT.....Commissioner

The following members of the Police Department of the City and County of San Francisco were retired from active duty and pensioned by the Board of Police Relief and Pension Fund Commissioners, during the fiscal year 1907 and 1908, under the provisions of Chapter X of Article VIII of the Charter:

NAME	Section of Chapter X of Article VIII of the Charter under which retired.....	Amount.	Rank.	Date of Retirement.
Arnop Bainbridge.....	1 and 2	\$74.00	Detective Sergeant.	July 5, 1907
Shadrick Campbell.....	1 and 3	61.50	Sergeant.....	Oct. 7, 1907
Harry C. Reynolds.....	1 and 3	74.00	Detective Sergeant.	Oct. 7, 1907
Joseph F. Lycett.....	1 and 3	†60.00	Police Officer.....	Jan. 16, 1908
Thomas Coleman.....	1 and 3	†60.00	Police Officer.....	Jan. 16, 1908
Corneilus Donohoe.....	1 and 2	†60.00	Police Officer.....	Jan. 16, 1908
Edward M. Eagan.....	1 and 2	†64.00	Detective Sergeant.	Jan. 16, 1908
Raymond M. Silvey.....	1 and 3	74.00	Detective Sergeant.	Jan. 16, 1908
Patrick Coughran.....	1 and 3	†60.00	Police Officer.....	Jan. 23, 1908
Samuel M. Thomson.....	1 and 3	†60.00	Police Officer.....	Jan. 30, 1908
Edward Byram.....	1 and 3	74.00	Detective Sergeant.	Feb. 4, 1908
Ross J. Whittaker.....	1 and 3	74.00	Detective Sergeant.	Feb. 4, 1908
Gustavis D. Harper.....	1 and 3	74.00	Detective Sergeant.	Feb. 6, 1908
John B. Martin.....	1 and 3	99.00	Captain of Police...	Mar. 26, 1908
Smith Carr.....	1 and 3	60.00	Police Officer.....	Apr. 14, 1908
Charles J. Cody.....	1 and 3	74.00	Detective Sergeant.	Apr. 14, 1908
Peter A. Gillen.....	1 and 3	50.00	Police Officer.....	Mar. 21, 1908

† Increase under Amendment 20.

The following pensioners died during the fiscal year 1907-1908:

NAME.	Rank.	Under Section.	Amount.	Date of Retirement.	Date of Death.
Patrick Crowley.....	Chief of Police	†3	\$165.66%	Apr. 7, 1897	Sept. 25, 1907
Edward F. Ward.....	Sergeant.....	*1 and 3	61.50	July 5, 1906	Oct. 17, 1907
Hamlin H. Murphy..	Police Officer...	†4 and 5	50.00	July 5, 1898	Mar. 18, 1908
Jotham P. Marston..	Police Officer...	*1 and 3	50.00	July 1, 1901	Feb. 7, 1908
John Connolly.....	Police Officer...	†4 and 5	50.00	Dec. 31, 1899	Feb. 27, 1908

* Under section of Charter.

† Under Act of 1899 as amended.

The following persons, not members of the Department, were granted a pension during the fiscal year 1907-1908.

Therese McCartney, widow of Police Officer Ed I. McCartney, under Section 4 of Chapter X of Article VIII of the Charter. Amount per month, \$50.00.

Lily Madden, widow of Police Officer Jerome Madden, under Section 4 of Chapter X of Article VIII of the Charter. Amount per month, \$50.00.

Hannah Floyd, widow of Police Officer John M. Floyd, under Section 4 of Chapter X of Article VIII of the Charter. Amount per month, \$50.00.

Margaret Hogan, widow of Police Officer Dennis Hogan, under Section 4 of Chapter X of Article VIII of the Charter. Amount per month, \$60.00.

Catherine Heins, widow of Police Officer William Heins, under Section 4 of Chapter X of Article VIII of the Charter. Amount per month, \$60.00.

PENSION ROLL, JUNE 30, 1908.

NAME.	Section Act of 1899.	Pension per Month.	Rank.	Date when Retired.
Dunlevy, Andrew J.....	*1 and 2	99.00	Captain of Police.....	April 4, 1904
Martin, John.....	*1 and 2	99.00	Captain of Police.....	Mar. 26, 1908
Dillon, Thomas.....	*1 and 3	74.00	Detective Sergeant.....	July 6, 1903
Bainbridge, Arnop.....	*1 and 2	74.00	Detective Sergeant.....	July 5, 1907
Reynolds, Harry C.....	*1 and 3	74.00	Detective Sergeant.....	Oct. 7, 1907
Silvey, Raymond M.....	*1 and 3	74.00	Detective Sergeant.....	Jan. 16, 1908
Bryam, Edward.....	*1 and 3	74.00	Detective Sergeant.....	Feb. 4, 1908
Whittaker, Ross J.....	*1 and 3	74.00	Detective Sergeant.....	Feb. 4, 1908
Harper, Gustavus D.....	*1 and 3	74.00	Detective Sergeant.....	Feb. 6, 1908
Cody, Charles J.....	*1 and 3	74.00	Detective Sergeant.....	April 14, 1908
Moran, Jas. F.....	4 and 5	74.00	Property Clerk.....	Dec. 31, 1899
Price, William.....	*1 and 3	69.00	Lieutenant.....	Oct. 2, 1905
Ayres, Jno. C.....	*1 and 3	69.00	Lieutenant.....	Jan. 2, 1906
Campbell, Shadrick.....	*1 and 3	61.50	Sergeant.....	Oct. 7, 1907
Melody, Joseph.....	*1 and 3	61.50	Sergeant.....	July 5, 1906
Hensley, Wm. D.....	4 and 5	61.50	Sergeant.....	April 8, 1890
Sharp, Abraham.....	3	61.50	Sergeant.....	Aug. 31, 1893
Bethell, Thos.....	4 and 5	61.50	Sergeant.....	Dec. 31, 1899
Houghtaling, A. J.....	3	61.50	Sergeant.....	Jan. 3, 1898
Cohnr, Edward.....	3	61.50	Sergeant.....	July 31, 1895
Monaghan, Hugh.....	4 and 5	61.50	Sergeant.....	Dec. 31, 1899
Avan, John.....	3	61.50	Sergeant.....	Nov. 2, 1898
Shields, Jno. W.....	*1 and 2	61.50	Sergeant.....	April 16, 1900
Lindheimer, Mier.....	*1 and 2	61.50	Sergeant.....	April 16, 1900
Murphy, Michael.....	3	61.50	Sergeant.....	Jan. 3, 1898
Wright, Casius P.....	*1 and 3	61.50	Sergeant.....	Jan. 5, 1903
Harper, Edgar.....	*1 and 3	61.50	Sergeant.....	April 4, 1904
Tobin, Patrick.....	*1 and 3	61.50	Sergeant.....	April 5, 1905
Harman, Geo. W.....	3	61.50	Sergeant.....	Jan. 3, 1895
Parrotte, Jno. F.....	*1 and 3	57.50	Corporal.....	July 5, 1906
Bowlen, Thos. C.....	4 and 5	57.50	Corporal.....	July 7, 1903
Egan, Edward M.....	*1 and 3	64.00	Corporal.....	Jan. 16, 1908
Gardinier, Henry.....	4 and 5	50.00	Police Officer.....	Sept. 30, 1899
McDonough, Patrick.....	4 and 5	50.00	Police Officer.....	Sept. 30, 1899
Cochran, James.....	4 and 5	50.00	Police Officer.....	Sept. 30, 1899
Tyner, William.....	4 and 5	50.00	Police Officer.....	Sept. 30, 1899
Birch, William.....	4 and 5	50.00	Police Officer.....	Sept. 30, 1899
Flannery, Michael.....	4 and 5	50.00	Police Officer.....	April 8, 1890
Duff, Thomas.....	4 and 5	50.00	Police Officer.....	April 13, 1890
McMahon, Francis C.....	4 and 5	50.00	Police Officer.....	July 6, 1893
Horrigan, Eugene.....	4 and 5	50.00	Police Officer.....	Jan. 4, 1897
McGrath, Jno. A.....	4 and 5	50.00	Police Officer.....	July 1, 1897
Loftus, Michael.....	4 and 5	50.00	Police Officer.....	Jan. 3, 1898
McNulty, Thomas.....	3	50.00	Police Officer.....	Jan. 3, 1898
Wells, Chas. C.....	4 and 5	50.00	Police Officer.....	April 4, 1898
Gaynor, Wm. P.....	3	50.00	Police Officer.....	April 3, 1899
Birmingham, Jno.....	3	50.00	Police Officer.....	April 3, 1899
Courneen, Dennis.....	3	50.00	Police Officer.....	Aug. 1, 1899
Libby, Daniel.....	3	50.00	Police Officer.....	Oct. 5, 1899
Fleming, Patrick.....	4 and 5	50.00	Police Officer.....	Oct. 5, 1899
Manning, John.....	4 and 5	50.00	Police Officer.....	Nov. 2, 1899
Williams, Amos M.....	4 and 5	50.00	Police Officer.....	Dec. 6, 1899
Menihan, Patrick.....	4 and 5	50.00	Police Officer.....	Dec. 6, 1899
Michaels, Amelia.....	6	33.33	Widow of M. Michaels.....	
Burke, Delia.....	6	46.00	Widow of Wm. Burke.....	
Heaphey, Nellie.....	6	33.33	Widow of M. Heaphey.....	
Norton, Sarah.....	*4	50.00	Widow of Jas. Norton.....	
Conway, Maria.....	*4	50.00	Widow of Thos. Conway.....	
Morgan, Violet J.....	*4	50.00	Widow of Jos. Mogan.....	
Daley, Catherine.....	*4	50.00	Widow of D. J. Daley.....	
Anthony, Lena.....	*4	57.50	Widow of A. Anthony.....	
Gwinn, Mary F.....	*4	50.00	Widow of Wm. Gwinn.....	

* Of Charter.

CHIEF OF POLICE

459

PENSION ROLL, JUNE 30, 1908.—Continued.

NAME.	Section Act of 1899.	Pension per Month.	Rank.	Date when Retired.
Mangan, Kate.....	*4	50.00	Widow of Wm. Mangan.	
Spillane, Mary.....	*4	99.00	Widow of Jno. Spillane.	
Fenner, Hilda.....	*4	50.00	Widow of Max Fenner.	
Cook, Norah.....	*4	50.00	Widow of Jas. Cook.	
Floyd, Hannah.....	*4	50.00	Widow of J. M. Floyd.	
McCartney, Therese.....	*4	50.00	Wid. of E. J. McCartney	
Madden, Lilly.....	*4	50.00	Widow of J. Madden.	
Hogan, Margaret.....	*4	60.00	Widow of D. Hogan.....	
Heins, Catherine.....	*4	60.00	Widow of W. H. Heins..	
Doran, Joseph.....	4 and 5	50.00	Police Officer.....	Dec. 31, 1899
Benjamin, Levi M.....	4 and 5	50.00	Police Officer.....	Dec. 31, 1899
Behan, Maurice.....	4 and 5	50.00	Police Officer.....	Dec. 31, 1899
Barnes, Chas. M.....	*1 and 3	50.00	Police Officer.....	July 21, 1902
Dillon, Thos. H.....	3	50.00	Police Officer.....	Dec. 31, 1899
Coleman, Peter.....	3	50.00	Police Officer.....	Dec. 31, 1899
Conly, John J.....	4 and 5	50.00	Police Officer.....	Jan. 5, 1900
Tyron, Thos. C.....	4 and 5	50.00	Police Officer.....	Jan. 6, 1900
Whittle, Robert.....	*1 and 2	50.00	Police Officer.....	July 2, 1900
Morton, John M.....	*1 and 3	50.00	Police Officer.....	April 16, 1900
Bode, Ernest F.....	*1 and 3	50.00	Police Officer.....	July 1, 1901
O'Connor, John M.....	*1 and 3	50.00	Police Officer.....	July 1, 1901
O'Grady, Timothy.....	*1 and 3	50.00	Police Officer.....	July 1, 1901
Harris, Cyrus B.....	*1 and 3	50.00	Police Officer.....	April 3, 1906
Perry, Patrick.....	*1 and 3	50.00	Police Officer.....	Dec. 3, 1902
Watterman, Chas. H.....	*1 and 3	50.00	Police Officer.....	Oct. 6, 1902
Aitken, James.....	*1 and 3	50.00	Police Officer.....	April 6, 1903
Farley, Elliott.....	*1 and 3	50.00	Police Officer.....	April 6, 1903
Richter, Peter.....	*1 and 3	50.00	Police Officer.....	Oct. 6, 1903
Fleming, John.....	*1 and 3	50.00	Police Officer.....	Jan. 11, 1904
De Blois, Geo.....	*1 and 3	50.00	Police Officer.....	Jan. 11, 1904
Haggett, Geo. W.....	*1 and 3	50.00	Police Officer.....	July 5, 1906
Samuels, Wm. P.....	*1 and 3	50.00	Police Officer.....	April 19, 1904
Falls, Richard J.....	*1 and 3	50.00	Police Officer.....	April 4, 1904
Smith, Hiram G.....	*1 and 3	50.00	Police Officer.....	Oct. 1, 1906
Hanley, Wm. C.....	*1 and 3	50.00	Police Officer.....	Aug. 2, 1904
Crosby, Patrick.....	*1 and 3	50.00	Police Officer.....	Jan. 11, 1904
Arrellanes, Christopher.	*1 and 3	50.00	Police Officer.....	Jan. 3, 1905
Sawyer, Benj. F.....	*1 and 3	50.00	Police Officer.....	April 19, 1905
Cook, James.....	*1 and 3	50.00	Police Officer.....	April 3, 1906
Stanton, Thomas.....	*1 and 3	50.00	Police Officer.....	May 25, 1906
Harrington, Gregory.....	*1 and 3	50.00	Police Officer.....	May 25, 1906
Hickey, Jerome J.....	*1 and 3	50.00	Police Officer.....	July 5, 1906
Meyer, Geo. Wm.....	*1 and 3	50.00	Police Officer.....	Oct. 1, 1906
Owens, Daniel.....	*1 and 3	50.00	Police Officer.....	Jan. 21, 1907
Cavanaugh, Thos. J.....	*1 and 3	50.00	Police Officer.....	Jan. 21, 1907
Smith, Albert M.....	*1 and 3	50.00	Police Officer.....	April 1, 1907
Edwards, Jno. C.....	*1 and 3	50.00	Police Officer.....	Jan. 21, 1907
Gillin, Peter A.....	*1 and 3	50.00	Police Officer.....	Mar. 21, 1907
Lycett, John F.....	*1 and 3	+60.00	Police Officer.....	Jan. 16, 1908
Coleman, Thomas J.....	*1 and 3	+60.00	Police Officer.....	Jan. 16, 1908
Donohue, Cornelius.....	*1 and 3	+60.00	Police Officer.....	Jan. 16, 1908
Coughran, Patrick.....	*1 and 3	+60.00	Police Officer.....	Jan. 23, 1908
Thomson, Samuel M.....	*1 and 3	+60.00	Police Officer.....	Jan. 30, 1908
Carr, Smith.....	*1 and 3	+60.00	Police Officer.....	April 14, 1908

* Of Charter.

† Increase under amendment 20.

RECAPITULATION.

Number of retired officers drawing pensions on July 1, 1907.....	86	
Other persons drawing pensions on July 1, 1907.....	13	
Total drawing pensions on July 1, 1907.....		99
Number of officers retired during fiscal year ending June 30, 1908....	17	
Other persons granted pensions during fiscal year ending June 30, 1908	5	
Total.....		22
Died during fiscal year ending June 30, 1908.....	5	
Restored to active duty during fiscal year ending June 30, 1908.....	0	
Total.....		5
Total drawing pensions on July 1, 1908.....		116

FINANCIAL STATEMENT FOR THE FISCAL YEAR ENDING JUNE 30, 1908.

By amounts paid in pension fund during year.....	\$70,478.19	
By amounts paid for other purposes.....	3,506.30	
K. F. Conway, Secretary.....	600.00	
Dr. James Keeny, examining applicants for pensions.....	210.00	
Dr. Thos. Huntington, examining applicants for pensions	210.00	
Total amount audited and paid.....		\$75,004.49

Recorder's Report

San Francisco, Cal., July 25, 1908.

To the Hon. Edward R. Taylor,
Mayor, City and County of San Francisco.

Dear Sir:

Pursuant to Charter provisions, Article XVI, Section 9, I submit herewith to your Honor a report in detail of the business of the Recorder's office for the fiscal year ending June 30, 1908.

The instruments filed in the department numbered 55,729, being an increase of 1,659 over the preceding fiscal year, and exceeding by 14,369, the next highest number in any year of the city's history. When it is remembered that the operations of the department during the past fiscal year were much curtailed by the long period of so-called legal holidays, and also by the unusual financial stringency prevailing throughout the year, the showing is particularly gratifying to me, and proves that the office is steadily growing in the volume of business transacted and in its importance to the community.

The cash receipts of the department were \$85,884.55, while the expenditures were \$61,262.49, leaving a surplus of \$24,622.06. This sum, representing a profit to the city, would have been appreciably greater had it not been for the legal holiday period in the latter part of 1907, when the receipts were much curtailed, without a corresponding cut in the expenditures being possible.

Of the 55,729 documents filed during the year, 2,287 were building contracts, which number does not, however, represent the total number of buildings erected, for in many cases owners and contractors rely upon the unrecorded agreement. Considering the difficulty with which loans have been obtained in past year, the building activity as shown by above figures is encouraging.

A total of 12,240 deeds were filed in the year. While a small per cent of this number represented re-recorded instruments, the actual conveyances were more numerous than the average of late years.

During the year, notices of action (*lis pendens*) to establish suit under the McEnerney Act to the number of 7,001 were filed, while 4,277 decrees establishing title under the same act were filed for record. Since this act is operative (unless extended by the Legislature) only until July 1, 1909, it is reasonable to expect during the fiscal year just begun, a great rush of business in this class of instruments. Careful estimates show that only about one-fourth of the realty of the city and county has thus far been brought under the operation of the act, and an extraordinary activity must follow in this, the remaining year, if all or the greater portion of property titles are to be established under the provisions of this law.

I may state, in this connection, that while an increase in the number of papers affecting the establishment of titles is a practical certainty, I also feel that better conditions must soon prevail in the realty and building lines, and that the office will experience an increase of business through greater activity in these operations, and in the consequent increase of loans and releases of the same.

Should the expected increase in business come, the department will be found poorly equipped to meet the same in the matter of the regular fund allowance. This I clearly pointed out to the Board of Supervisors when the new budget was being prepared, but the members of the Board did not, it seems, find it expedient to meet my estimates as to the financial needs of the department. There seems to be a lack of appreciation of the responsibilities attached to this

department. Greater liberality on the part of the Board of Supervisors would have enabled me to correct the rather faulty manner of transcribing the Records. At present I am obliged to depend on the copyists for the comparing and correction of their work, and in order to ensure accuracy in this respect have conceded to them their just demands of six cents per folio for the work. A greater appropriation would have permitted me to appoint a necessary number of comparers, who could be held accountable. It has been my contention, based on years of experience, that for the maintenance of this department, 80 per cent of the receipts should be allowed. This would avoid the constantly recurring demand on the part of the head of the department for funds to meet charges that are just and proper, and which in any event must be paid.

The increasing importance of the work of this department justifies me in calling your attention to the evident discrimination of the provisions of the Charter in regard to the compensation of the employees of my office. A comparison with salaries paid in other departments will demonstrate that my chief deputy is only paid \$150 as against \$250 and \$200 per month paid for same position in other departments, while my deputies receive \$125, against \$150 paid in other county offices. My index clerks, who perform most important services, should all receive at least \$125 per month, instead of \$100. This just revision of salaries in this department would result in much greater efficiency.

It would also be a distinct gain to the service if requisitions for needed supplies and betterments were filled without the long delay that is now the usual course, perhaps unavoidably, under the present system.

While many improvements are urgently needed in the Hall of Records, I desire to express my approval of such steps as have already been taken by the Building Committee of the Board of Supervisors to provide metal furniture and fixtures in place of the wooden appurtenances now in use. All of the bookracks and filing cabinets installed to date are metal; now twenty-four metal desks and chairs for same have been ordered, and the Committee has signified its willingness to carry out the entire scheme of metal furnishing as soon as funds to pay for same may be spared.

I am also pleased to state that the Building Committee has given serious consideration to the construction of an elevator for the Hall of Records, and I earnestly hope that this much-needed improvement will be an acquirement of the near future.

In order that the official municipal reports may contain a list of the records saved from the conflagration of 1906, I append the same in detail, as follows:

VARIOUS EARLY RECORDS AS FOLLOWS:

- Vol. C, Land Titles.
- Vol. A-B, Transfer Deeds "Records," being a Deed book.
- Vol. A-B, Spanish Records.
- Vol. Alcalde Records and Deeds.
- Vol. B, District Records.
- Vol. Spanish Records Translated.
- Vol. B and B-C, Records Water Lots.
- Vol. All Original Grants.
- Vol. 1 to 5, Certified Grants.
- Vol. A-B, Almond Records.
- Vol. Blotters and Spanish Blotters and Alcade Blotters (all).
- Vol. A-A, B-B, Spanish Records and also unmarked Spanish Records.
- Vol. One Certificate of Residence.
- Vol. Of Official Notes and Spanish Blotter.
- Vol. Marked Mission Book.
- Vol. 1849, B-B, A-A, "1848-1849 No. 2" and one unmarked Volume of Miscellaneous Records.

DEEDS.

Vols. A to H inclusive.
 Vols. K to N. inclusive.
 Vols. 1 to 39 inclusive.
 Vols. 91 to 98 inclusive.
 Vols. 141 to 223 inclusive.
 Vol. 226.
 Vols. 1,627 to 1,657 inclusive.
 Vols. 1,659 to 1,700 inclusive.
 Vols. 1,746 to 1,786 inclusive.
 Vols. 1,788 to 2,136 inclusive.
 Vols. 2,138 to 2,166 inclusive.
 Vols. 2,168 to 2,176 inclusive.
 Vols. 2,178 to 2,179 inclusive.
 Vols. 2,181 to 2,182 inclusive.
 Vols. 2,184 to 2,186 inclusive.

MORTGAGES.

Vol. 1,136.

SATISFACTION OF MORTGAGES.

Vol. A and 230.

LIENS.

Vol. 91.

BONDS.

Vol. 11 to 18 inclusive.

ATTACHMENTS.

Vol. 1, 10, 11, 12.

MAP BOOKS.

Vol. 1, A, B, C, D, E, F, Loose Map Book, Seventeenth Street Extension Assessment, and Laguna District Assessment.

MORTUARY RECORDS.

Vol. 1, 2, B, M, O, P, Q, R, and Records to December 31st, 1904 (unmarked).

STATE LICENSED SURVEYORS.

Vol. 1.

INDEXES SAVED.

Vol. General Index 1 to 241 (being all).
 Deed Index, Nos. 1, 2, and 28, 39 to 43 inclusive, 87 to 148 inclusive.
 Mortgage Index No. 62.
 Map Index No. 1 (being all).
 Marriage Index No. 24 and 25.
 Index to Papers on File No. 30 and No. 26.
 Index to Original Grants.

All papers filed from July 1, 1900, to April 11, 1906, and not returned to parties filing same, were also saved, and are returnable upon presentation of Recorder's receipts.

Since the fire of 1906 all new record volumes have begun with the new serial number 1. The new series, covering the period, from the fire to this date, embraces the following volumes:

Deeds—Vols. 1 to 195 inclusive.
 Mortgages—Vols. 1 to 76 inclusive.
 Releases of Mortgages—Vols. 1 to 20 inclusive.
 P. P. Mortgages—Vols. 1 to 18 inclusive.
 Lis Pendens—Vols. 1 to 32 inclusive.
 Leases—Vols. 1 to 25 inclusive.
 Liens—Vols. 2 to 15 inclusive.
 Covenants—Vols. 1 to 13 inclusive.
 Notice of Ownership—Vols. 1 to 11 inclusive.
 Powers of Attorney—Vols. 1 to 3 inclusive.
 Homesteads—Vols. 1 to 3 inclusive.
 Transcript of Judgment—Vol. 1.
 Attachments—Vols. 1 to 3 inclusive.
 Sheriff's Certificates—Vol. 1.
 Bonds—Vol. 1.
 Architect's Certificate—Vol. 1.
 Patents—Vol. 1.
 Limited Partnership—Vol. 1.
 Separate Property of Wife—Vol. 1.
 Certificate of Residence—Vol. 1.
 Wills—Vol. 1.
 Assignment of Mortgages—Vols 1 to 2 inclusive.
 Miscellaneous—Vols. 1 to 15 inclusive.
 Tax Deeds—Vols. 1 to 2 inclusive.
 Marriage Licenses—Vols. 1 to 23 inclusive.
 And Indexes covering all records.

As a matter of interest to the public, I desire to give notice that under the law passed a few years since building contracts are returnable (to the parties who file same) two years after the notice of completion of the building has been recorded. If not called for, the Recorder is authorized to destroy the contracts.

I desire to inform your Honor that the initial registration of land titles under the Torrens Land Act, approved March 17, 1897., and later declared constitutional by the Supreme Court of the State, will take place in this department within a few days. Several decrees establishing title under that Act in this City and County are now merely awaiting the procurement by this office of the necessary registration books and certificates. These have been ordered, following the forms adopted by the proper authorities.

To what extent the people will avail of this newly-operative law I can, of course, form no estimate. Should a general movement ensue to register titles under this system, the work of the Recorder's office would be augmented in great degree, and special provision would have to be made to meet the new conditions.

In this connection, I want to say that it seems to me a matter of regret that the several systems of establishing title are available. One system, covering all property, would result in less confusion and in more general satisfaction. However, since the various procedures are based upon State laws, the remedy could only come from the same source.

A special need of the Recorder's office, and one that must sooner or later be met, is a complete set of block books wherein the property subdivisions are correctly drawn. Under late laws, the Recorder must note, on separate sets of block books, notices of ownerships, and notices of action in establishment of title suits. I find that the block books provided for that purpose are very

faulty as to subdivisions and measurements, and of such poor material and workmanship that they must soon be unfit for use. New books should be executed by the City Engineer's department, or some other competent and responsible department.

Redrawing of many city maps is also a necessity of the early future.

With an earnest invitation to your Honor to frequently visit my department and become familiar with its operations and needs, I am, sir,

Very Respectfully,

EDWARD GODCHAUX,
Recorder.

MONTHLY RECEIPTS PAID INTO THE TREASURY.

1907—July	\$ 6,845.55
August	7,369.90
September	6,383.05
October	6,876.40
November	3,643.50
December	7,207.75
1908—January	7,769.35
February	7,383.70
March	7,740.65
April	8,542.45
May	7,635.90
June	8,486.35
Total	<u>\$85,884.55</u>

MONTHLY STATEMENT OF SALARIES AS CHARGED AGAINST THE
RECORDER'S APPROPRIATION.

1907—July	\$ 5,585.04
August	4,852.66
September	4,936.10
October	5,283.06
November	4,914.59
December	5,064.92
1908—January	4,797.32
February	4,867.65
March	5,197.00
April	5,280.15
May	5,244.00
June	5,240.00
Total	<u>\$61,262.49</u>

RECAPITULATION.

Total Receipts for Fiscal Year 1907-1908.....	\$85,884.55
Total Salaries for same period.....	61,262.49
Surplus to credit of department.....	<u>\$24,622.06</u>
Number of documents filed and recorded, 1907-1908.....	55,729
Number of documents filed and recorded, 1906-1907.....	54,070
Increase in number of papers recorded.....	<u>1,659</u>

COMPARATIVE STATEMENT FROM 1859 TO 1908, INCLUSIVE.

Year.	Papers.	Total Receipts.	Total Expenses.	Surplus.	Deficit.
1859-60.....	5,596	\$18,300.00	\$13,847.00	\$ 4,453.00	.....
1860-61.....	.....	.....	.....	.....	.....
1861-62.....	11,970	34,605.00	26,792.50	7,902.60	.....
1862-63.....	12,631	33,683.75	24,984.65	8,649.10	.....
1863-64.....	13,391	34,534.25	33,358.25	1,176.00	.....
1864-65.....	13,989	37,702.00	29,175.91	8,526.09	.....
1865-66.....	14,114	37,348.50	28,092.24	9,256.26	.....
1866-67.....	14,262	43,237.25	30,427.59	12,809.66	.....
1867-68.....	16,496	51,501.50	37,184.14	4,317.36	.....
1868-69.....	18,761	55,549.25	42,399.52	12,149.73	.....
1869-70.....	14,146	44,890.70	36,156.26	8,734.44	.....
1870-71.....	15,024	44,975.50	35,873.20	11,102.30	.....
1871-72.....	12,897	41,176.75	35,372.92	5,702.83	.....
1872-73.....	11,207	34,051.25	34,494.16	.....	\$ 442.91
1873-74.....	13,138	32,654.00	30,267.64	2,386.36	.....
1874-75.....	17,486	44,407.50	38,616.11	5,791.39	.....
1875-76.....	18,218	46,626.60	38,376.23	6,249.37	.....
1876-77.....	21,396	51,386.75	40,930.41	10,456.34	.....
1877-78.....	17,632	42,835.25	36,557.80	6,177.45	.....
1878-79.....	18,871	38,175.00	34,893.62	3,281.38	.....
1879-80.....	17,778	34,783.75	33,327.82	1,455.93	.....
1880-81.....	14,102	31,420.50	29,817.40	1,603.10	.....
1881-82.....	12,835	31,284.85	32,093.14	.....	808.29
1882-83.....	14,266	34,237.00	30,261.34	3,875.66	.....
1883-84.....	15,340	38,142.25	31,894.21	6,248.04	.....
1884-85.....	15,500	38,702.50	32,295.00	6,407.50	.....
1885-86.....	15,092	37,361.00	31,182.27	5,178.73	.....
1886-87.....	17,065	43,764.00	33,754.78	10,009.22	.....
1887-88.....	20,005	53,238.45	36,144.02	17,096.43	.....
1888-89.....	22,370	52,858.56	43,476.36	10,382.20	.....
1889-90.....	24,907	64,534.80	42,497.14	22,037.66	.....
1890-91.....	26,111	68,284.53	45,136.44	23,148.09	.....
1891-92.....	25,306	66,520.20	38,687.75	27,832.45	.....
1892-93.....	25,262	60,234.00	43,190.51	17,043.49	.....
1893-94.....	23,102	55,389.25	40,490.84	14,898.41	.....
1894-95.....	23,434	58,868.75	41,109.80	17,658.95	.....
1895-96.....	23,637	61,949.50	42,924.46	19,023.04	.....
1896-97.....	22,270	34,559.45	41,217.92	.....	6,658.47
1897-98.....	23,713	34,398.85	42,699.02	.....	8,300.17
1898-99.....	22,272	31,803.10	41,679.19	.....	9,876.09
1899-1900.....	24,622	37,451.05	39,725.22	.....	2,274.17
1900-01.....	25,776	39,584.45	33,852.00	5,732.45	.....
1901-02.....	29,242	45,539.60	39,040.56	6,499.04	.....
1902-03.....	35,112	54,077.70	43,000.00	11,077.70	.....
1903-04.....	37,337	57,537.45	43,900.00	13,637.45	.....
1904-05.....	41,360	63,330.85	43,900.00	19,430.85	.....
1905-06.....	40,434	62,143.30	40,935.68	21,207.62	.....
1906-07.....	54,070	83,978.90	56,113.20	27,207.62	.....
1907-08.....	55,729	85,884.55	61,262.49	24,622.06	.....

LIST OF INSTRUMENTS FILED AND RECORDED DURING FISCAL YEAR 1907-1908.

INSTRUMENTS.

	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	Total
Acceptances and Abandonments of Buildings	301	337	256	228	185	216	219	190	143	176	168	190	2409
Agreements and Covenants	66	94	57	87	70	111	97	60	84	86	72	92	976
Assignments of Mortgages	15	19	10	16	9	24	16	29	22	31	17	21	229
Assignments, Releases and Executions	37	37	42	42	4	68	61	138	57	67	52	44	649
Bank Statements	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bills of Sale	32	17	30	25	23	23	35	40	43	39	38	30	388
Bonds	19	10	10	5	2	33	21	1	2	2	4	2	111
Builder's Contracts and Bonds	189	205	222	193	98	137	142	172	239	245	202	243	2,287
Certificates of Birth, Death, etc.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Certificates of Redemption—State	15	10	12	20	27	19	12	17	11	17	6	3	154
Certificates of Sale, Assignments and Redemptions	3	5	5	3	3	1	10	17	7	7	3	2	59
Deeds	30	26	34	30	7	50	20	23	15	32	17	18	302
Deeds of Trust	1123	1067	975	1041	553	964	1080	1050	1129	1231	973	1054	12,240
Election Expenses (statements of)	67	67	58	73	31	71	44	56	59	65	69	69	729
Homesteads, Declarations and Abandonments	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Judgments, Abstracts and Transcripts, Satisfaction and Assignments	25	26	16	32	18	35	31	35	39	22	25	43	347
Leases, Assignments and Surrenders	8	8	10	13	5	12	17	12	18	22	20	14	159
Liens and Releases of Liens	115	107	95	132	96	93	128	84	96	99	78	100	1,223
Lis Pendens	160	338	202	200	147	279	243	266	230	170	138	165	2,538
Maps	74	70	57	40	25	88	50	54	123	72	48	65	766
Marriage Certificates and Licenses	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Miscellaneous	386	362	311	337	406	328	343	337	295	294	307	436	4,112
Mortgages of Personal Property	53	38	47	65	93	45	37	40	70	83	59	73	703
Mortgages of Real Property	92	84	77	68	78	111	120	122	108	142	113	141	1,246
Partnerships, Limited	423	455	391	389	217	371	371	362	482	504	446	436	4,847
Powers of Attorney, Revocations, Substitutions	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Probates, Decrees of Distribution, etc.	31	45	32	36	26	33	22	27	35	33	28	17	365
Reconveyances	73	101	74	92	17	92	78	76	85	91	60	96	1,335
Releases of Personal Property Mortgages	65	89	71	80	38	63	75	90	86	94	78	81	910
Releases of Real Estate Mortgages	2	4	.....	12	7	4	4	6	8	6	6	7	66
Separate Property of Wife	243	272	212	288	168	199	279	292	319	333	277	255	3,097
Sole Trader	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tax Certificates	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Notices of Sale	80	20	25	34	23	25	36	38	42	42	33	30	374
Architect's Certificates	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Notices of Ownership	383	259	216	269	94	127	95	62	60	109	97	115	1,886
Lis Pendens to Establish Title	590	557	450	568	70	692	603	500	591	729	769	882	7,001
Decrees to Establish Title	106	160	230	252	20	375	560	480	467	506	497	624	4,277
Total	4826	4866	4246	4661	2561	4695	4851	4661	4950	5350	4702	5551	55,729

Sheriff's Report

San Francisco, Cal., August 15, 1908.

To the Hon. Edward Robeson Taylor, Mayor of the City
and County of San Francisco.

Dear Sir:

I herewith submit to you, my Annual Report of the Fiscal Year, ending June 30, 1908, as per Section 9, Article XVI, of the Charter.

OFFICE.

The following amounts were received and paid into the City and County Treasury, as per statement filed with the Auditor.

1907—July	\$3,509.67	1908—January	\$3,658.35
August	2,267.62	February	4,527.84
September	2,392.10	March	3,298.45
October	3,207.60	April	3,785.60
November	551.30	May	3,776.98
December	2,733.37	June	3,559.33
Total paid in for year ending June 30, 1908.....		\$37,268.21	
Received for U. S. Prisoners, quarterly account U. S. Marshal and paid into Treasury.....		106.00	
Grand total paid into Treasury for fiscal year.....		\$37,374.21	

JAIL No. 1.

The absolute need of a new jail to take the place of the one destroyed by the conflagration of 1906, is made manifest by the ever increasing number of prisoners in Jail No. 2.

We should have a building more centrally located, so that prisoners awaiting trial could be comfortably and properly housed, and brought into Court within a reasonable time, instead of consuming almost the entire day in going to and from the different courthouses.

I would respectfully suggest that this matter be considered at an early date, and that the City Architect submit plans and specifications so that the work may proceed without delay.

The thanks of the City are due to the ladies of the California Club, for numerous contributions to the Jail Libraries, which now comprise about 2,500 catalogued volumes.

JAIL No. 2.

These buildings can be made safe and comfortable with a few repairs, such as building a new roof, new stairs and better fences. They are well adapted for Jail purposes, and are kept in good condition by constant and thorough cleaning, as well as painting, inside and outside.

About 150 men are employed in the kitchen, butchershop, tailorshop, stables and barns, and in repairing and macadamizing the roads in the vicinity of the Jails.

SHERIFF

JAIL No. 3.

This Jail can be put in first class condition by building a new bathhouse and other minor repairs.

The unfortunate inmates are, as a rule, weak, irresponsible women, who are unable to care for themselves.

COMMISSARY DEPARTMENT.

The number of persons to be provided for by this department are ever on the increase, the average for the past fiscal year being over 320.

I am enclosing you herewith a list of money expended out of our subsistence fund to the amount of \$3,328.22.

I found that these repairs were of an absolute necessity, and were done under the supervision of the Board of Public Works.

We have also purchased out of this fund the sixty pairs of handcuffs, also made some repairs to old harness, and purchased new harness.

We desire especially to call your attention to the fact, that since the disaster, we have been unable to obtain a vault, or a safe of sufficient size to protect the Records of this office against a possible fire, having at the present writing, a small safe which is not large enough to hold the smaller books, to say nothing of the Bonds given by litigants. We therefore respectfully make requisition for a vault with sufficient capacity to hold the said Records, Bonds, etc.

Another important matter to which we call your attention, is the small force that now must handle the very voluminous business daily brought into this office, causing delay and numerous complaints from attorneys, because of the impossibility of prompt action, and therefore request your assistance in securing more deputies for the proper transaction of business.

Respectfully submitted,

L. J. DOLAN,
Sheriff, City and County of San Francisco.

FINANCIAL STATEMENT FOR THE FISCAL YEAR 1907-1908.

JULY, 1907 TO JUNE 30th, 1908.

	Dr.	Cr.
Appropriation for Subsistence of Prisoners.....		\$41,000.00
Additional Appropriation		1,868.61
Expenditures for Subsistence of Prisoners.....	\$42,868.61	
	\$42,868.61	\$42,868.61

	Dr.	Cr.
Appropriation for Sheriff's expense.....		\$1,500.00
Additional appropriation		386.37
Expenditures for Sheriff's expense.....	\$1,886.37	
	\$1,886.37	\$1,886.37

BOARD OF PUBLIC WORKS, BUREAU OF BUILDINGS.

San Francisco, Cal., June 12, 1908.

Disbursements charges to account "Subsistence of Prisoners"—

April 10, 1908—Snook, cement	\$ 15.00
April 14, 1908—S. F. Tool Works, hasps.....	14.15
April 18, 1908—Bennett Bros., nails.....	11.71
April 14, 1908—Olson-Mahoney Lumber Co., lumber.....	15.59
April 14, 1908—Olson-Mahoney Lumber Co., lumber.....	126.18
April 20, 1908—Olson-Mahoney Lumber Co., lumber.....	41.70
April 24, 1908—Gladding-McBean Co., sewer pipe.....	1.16
April 18, 1908—Gladding-McBean Co., sewer pipe.....	16.50
April 27, 1908—J. Cassaretto, gravel.....	5.50
April 30, 1908—Labor for month on fence and gate.....	583.00
April 24, 1908—William Bateman, chapel benches.....	200.00
April 28, 1908—Keystone Iron Works, grills, etc.....	295.00
April 30, 1908—Bennett Bros., hardware.....	3.15
May 2, 1908—Keystone Iron Works, iron wickets.....	15.00
May 2, 1908—J. A. Snook, cement.....	18.75
May 7, 1908—William Bateman, window frames.....	12.00
May 7, 1908—William Cronan, iron gutter and leaderpipe.....	20.00
May 12, 1908—S. F. Tool Works, one galv. screen.....	5.00
Total.....	\$1,399.39

Disbursements charged to Subsistence of Prisoners from December 31st, 1907 to June 30th, 1908.

Dec. 31, 1907—L. E. Clawson, chimneys.....	\$ 43.20
Jan. 31, 1908—Pacific Heating & Blower Co., installing heaters.....	460.00
Feb. 10, 1908—W. W. Montague & Co., repairing ranges.....	239.70
Feb. 10, 1908—Baker & Hamilton, new wagon.....	337.50
April 10, 1908—D. Walters & Co., cocoa matting.....	105.23
April 30, 1908—Baker & Hamilton, new rifles.....	79.60
April 30, 1908—Lastufka Bros., straight jackets.....	62.50
May 8, 1908—Keystone Iron Works, screen.....	9.50
May 8, 1908—Bennett Bros., handcuffs.....	238.00
May 31, 1908—Lastufka Bros., halters	25.50
June 25, 1908—O'Kane, blankets, harness, etc.....	150.65
June 29, 1908—H. F. Dugan, twenty-one barrels creofect.....	100.00
June 30, 1908—J. McTigue, repairing harness.....	77.45
Total.....	\$1,928.83

The 336 prisoners in custody June 30th, 1908 are distributed as follows:

JAIL NO. 1.

Convicted and on Appeal of Supreme Court—

Murder	3
Forgery	2
Burglary	3
Robbery	8
Arson	1
Perjury	1
Obtaining money by false pretenses.....	1

Awaiting Trial—

Assaults with deadly weapon.....	3
Murder	7
Obtaining money by false pretenses.....	1
Forgery	3
Burglary	32
Grand larceny	9
Infamous crime against nature.....	2
Rape	2
Robbery	5
Manslaughter	1
Assault to commit murder.....	7
Embezzlement	1
Extortion	1
Assault to commit rape.....	2
Prisoners serving sentence for misdemeanor.....	15
Impersonating U. S. Officer.....	1
Violating Section 476 of Penal Code.....	2
Received stolen goods.....	1
Violating Section 5,438, U. S. Statute.....	1
Violating Section 5,414, U. S. Statute.....	0
Violating Section 5,430, U. S. Statute.....	1
Violating Chinese exclusion act.....	1
Total	117

JAIL NO. 2.

Prisoners serving sentences for misdemeanors.....	181
Total.....	181

JAIL NO. 3.

Women awaiting trial.....	2
Women serving sentences for misdemeanors.....	36
Total.....	38
Total prisoners on hand June 30, 1908.....	336

COUNTY JAIL NO. 2.

Number of Prisoners Committed during the Fiscal Year
Ending June 30th, 1908.

Number of prisoners on hand June 30, 1907.....	107
Committed during the year.....	1,668
Received from the City Prison.....	3
Received from County Jail No. 1.....	3
Returned from City and County Hospital.....	1
Total.....	1,782

Number of Prisoners Released during Fiscal Year
Ending June 30, 1908.

Discharged by expiration of sentence.....	1,533
Discharged by order of Court.....	38
Died	11
Sent to City and County Hospital.....	8
Escaped	5
Sent to Insane Asylum.....	6
Total.....	1,601
Total number received and on hand.....	1,782
Total number discharged.....	1,601
Prisoners on hand June 30, 1908.....	181

NUMBER OF PRISONERS (LITERATE AND ILLITERATE) RECEIVED
DURING FISCAL YEAR ENDING JUNE 30, 1908.

Number of prisoners who can read and write.....	1,504
Number of prisoners who cannot read and write.....	164
Total number	1,668

OCCUPATION OF PRISONERS COMMITTED DURING FISCAL YEAR
ENDING JUNE 30, 1908.

Occupation.	Number.	Occupation.	Number.
Actors	2	Coffee Roasters	1
Agents	1	Coopers	4
Bakers	8	Dishwashers	32
Barbers	25	Doctors	1
Blacksmiths	12	Druggists	4
Bartenders	19	Dyers	1
Bankers	1	Electricians	9
Boilermakers	14	Elevator Men	2
Bookbinders	9	Engineers	8
Bookkeepers	13	Engravers	3
Bootblacks	3	Expressmen	4
Bellboys	4	Farmers	5
Boatbuilders	2	Fishermen	4
Brickmakers	5	Firemen.....	36
Brass Finishers.....	2	Filecutters	1
Butchers	13	Gardners	15
Cabinetmakers	9	Gasfitters	35
Canmakers	26	Glasscutters	7
Coremakers	3	Hatters	1
Cooks	69	Harnessmakers	6
Cigarmakers	6	Housemovers	4
Clerks	33	Hostlers	28
Conductors	12	Ironworkers	14
Candymakers	1	Junkdealers	2
Carpenters	53	Ironmoulders.....	5
Chauffeurs	2	Janitors	5
Coachmen	4	Jockeys	1
Coalpassers	1	Horseshoers	5
Cutters	1	Lathers	2

Longshoremén	6	Roadmén	1
Lumbermén	1	Riveters	2
Laborers	529	Roofers	3
Metalworkers	2	Shoemakers	7
Molders	1	Switchmén	1
Machinists	24	Steamfitters	3
Miners	35	Sailors	59
Motormén	3	Saloonkeepers	2
Millwrights	2	Seamen	36
Laundrymén	6	Stablemén	13
Marblecutters	3	Stewards	1
Millmén	1	Sailmakers	7
Newspaper Reporters	2	Shiptrimmers	1
Nurses	2	Signpainters	6
Painters	57	Shinglers	2
Porters	13	Stevedore	3
Peddlers	30	Shoecutters	4
Plasterers	10	Steamboat deckhand	1
Printers	12	Typesetters	1
Pavers	1	Tailors	13
Plumbers	11	Teamsters	110
Paperhangers	2	Upholsters	2
Pressmén	5	Wireworkers	4
Pianomovers	1	Wagonmakers	2
Pipefitters	3	Woodcarvers	6
Glassblowers	2	Whalers	4
Ropeworkers	1	Woolsorters	1
Railroadmén	7		
Riggers	3		
Total.....			1,668

TERM OF SENTENCES OF PRISONERS COMMITTED DURING FISCAL
YEAR ENDING JUNE 30, 1908.

Sentence.	Number.	Sentences.	Number.
1 year	8	\$300 or 150 days	1
9 months	1	180 or 90 days	2
6 months	154	150 or 150 days	2
5 months	14	100 or 100 days	3
4 months	24	100 or 50 days	1
3 months	132	100 or 40 days	1
150 days	1	90 or 90 days	4
90 days	78	60 or 60 days	6
60 days	113	60 or 30 days	10
50 days	2	50 or 25 days	14
40 days	19	50 or 10 days	3
30 days	369	30 or 30 days	106
25 days	4	30 or 10 days	2
20 days	44	25 or 25 days	3
15 days	41	20 or 20 days	36
10 days	268	20 or 10 days	11
5 days	15	10 or 10 days	165
		10 or 5 days	1
		5 or 5 days	9
Total.....			1,668

PRISONERS COMMITTED FOR ONE AND MORE THAN ONE TERM
DURING FISCAL YEAR ENDING JUNE 30, 1908.

Times committed.	Number.	Time committed.	Number.
First time	1,216	Ninth time	3
Second time	216	Tenth time	21
Third time	84	Eleventh time	3
Fourth time	38	Twelfth time	7
Fifth time	19	Fifteenth time	8
Sixth time	18	Twentieth time	13
Seventh time	12	Twenty-fifth time	1
Eighth time	6	Fortieth time	4
Total.....		1,668	

NATIVITY OF PRISONERS COMMITTED DURING FISCAL YEAR ENDING
JUNE 30, 1908.

UNITED STATES.

Nativity.	Number.	Nativity.	Number.
Alabama	4	Missouri	32
Arkansas	0	New Mexico	1
California	399	Nebraska	4
Colorado	9	Nevada	10
Connecticut	18	New Hampshire	1
Dakota	1	New Jersey	6
Florida	4	New York	108
Georgia	1	North Carolina	3
Illinois	47	Ohio	32
Indiana	14	Oregon	11
Iowa	15	Pennsylvania	68
Kansas	8	Rhode Island	5
Kentucky	15	South Carolina	4
Louisiana	7	Tennessee	0
Maine	13	Texas	10
Maryland	16	Vermont	1
Massachusetts	61	Virginia	10
Michigan	21	Washington	7
Minnesota	3	Wisconsin	10
Mississippi	1	Indian Territory	2
Montana	4	New Orleans	2
Arizona	1	Utah	4
Total.....		993	

FOREIGN.

Nativity.	Number.	Nativity.	Number.
Australia	2	Mexico	23
Austria	24	Norway	22
Belgium	4	New Brunswick	1
Canada	21	Peru	1
Chili	1	Prussia	1
Denmark	11	Porto Rico	17
England	39	Russia	9
France	12	Sandwich Island	2
Finland	10	Scotland	30
Greece	11	South America	1
Germany	100	Sweden	33
Holland	1	Switzerland	12
Ireland	212	Spain	5
Italy	48	Central America	1
China	11	Honolulu	3
East India	3	Hungaria	3
Japan	3	Cuba	1
Total.....			<hr/> 675

MANNER OF DISPOSITION.	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	Total
Discharge on expiration of term of sentence.....	105	97	103	101	140	180	203	137	202	196	178	133	1775
Delivered to U. S. Marshal for transfer, bail or release.....													
Discharge on payment of fines.....		3	2	2	3	4	1	1	3	4	8	16	31
Discharged on bail, habeas corpus or appeal bond.....	15	2	3	7	3	4	11	6	7	5	3	7	31
Discharged by order Court, acquitted or charge dismissed.....	3	4	1	9		6	1	7	4	7	11	2	74
Pardoned by Governor of State.....													55
Sent to City Prison to labor.....	1	4	3	6	1	4	3	5	3	3	3	2	28
Transported to State Prison.....	6	1	8	19	2	13	14	13	8	13	20	6	123
Sent to Reform School.....		1				1	4	4	2	1	2		9
Escaped.....		1					4						9
Died.....	1	1	1	2		2	3	1	1	1	1	1	15
Released on probation.....	4	3	3	10	7	7	3	17	7	3	11	3	71
Sent to Insane Asylum.....	3		1	3		1	1	1	1	3		3	17
Total number disposed of each month.....	138	117	125	159	149	222	249	190	239	239	245	178	2250

RECAPITULATION.

Prisoners in County Jail July 1, 1907.....	215
Prisoners received during year.....	2,371
Total.....	2,586
Prisoners discharged during year.....	2,250
Prisoners remaining in County Jail June 30, 1908—Males.....	298
Prisoners remaining in County Jail June 30, 1908—Females.....	38
Total.....	336

SHERIFF

479

Obtaining money under false pretenses.....	2																			23
Perjury.....		1																		2
Placing wife in house of prostitution.....																				1
Petit larceny.....	29	16	8	1			15	34	10											2
Robbery.....		20					25													4
Robbery, assault to commit.....		7					5	34												1
Rape, assault to commit.....	2		8				7			46										17
Receiving stolen goods.....							8			1										33
Soliciting lascivious and indecent act.....							2	3												3
Selling liquor without license.....							1	1		3										1
Soliciting prostitution.....				1			1	1												1
Seeking an abortifacient.....								1		1										4
Threats against life.....								1												1
To inflict bodily injury.....								1		1										2
Urinating in public place.....								1												1
Violating Section No. 601, Penal Code.....																				2
Violating Section No. 3,242, U. S. Statute.....																				2
Violating Ordinance No. 1,056, Board of Supervisors.....								1												1
Violating Ordinance No. 446, Board of Supervisors.....							1	1												1
Violating Park Ordinance.....							1													1
Violating Section No. 270, Penal Code.....	1																			2
Violating Section No. 273, Penal Code.....	1																			1
Violating Ordinance No. 908.....								1												1
Violating Section No. 1,367, Penal Code.....																				1
Violating Section No. 470, Penal Code.....										1										1
Violating Section No. 442½, Penal Code.....																				1
Violating Section No. 1,059, Penal Code.....																				1
Violating Section No. 357, Penal Code.....																				1
Violating Section No. 2,998, U. S. Statute.....																				1
Violating Ordinance No. 1,371, Board of Supervisors.....														5						5
Avoiding payment of fare.....									1											1
Vagrancy.....	41	50	31	65	80	86	87	61		2										2
Obstructing street.....																				777
Violating Act of Congress.....																				2
Violating Section No. 476, Penal Code.....																				1
Violating Section No. 499, Penal Code.....																				1
Impersonating U. S. officer.....																				5
Grand Jury witness.....																				2
Violating Chinese Exclusion Act.....																				1
Violating Section No. 5,430, U. S. Statute.....																				16
Criminal conspiracy.....																				1
Selling poison.....																				4
Violating Section No. 42, Penal Code.....																				1
Violating Section No. 476, Penal Code.....																				1
Ordered in custody.....																				2
Number received monthly for various offenses.....	164	156	143	173	201	256	239	213	223	282	177	194	2371							4

Grand total..... 2,371

AVERAGE DAILY NUMBER OF PRISONERS IN ALL JAILS.

1907—July	210
August	232
September	268
October	269
November	286
December	358
1908—January	365
February	400
March	358
April	407
May	356
June	333
Average daily number of prisoners in all the jails for fiscal year ending June 30, 1908.....	320

Board of Health Report

Report of the President and of the Health Officer

The year 1907-1908 undoubtedly was one of the most eventful in the history of the Department. On July 1st, 1907, the Board of Health consisted of the following members:

Dr. Jules A. Simon, President; Doctors W. A. Harvey, T. G. MacConkey, Guy E. Manning, H. Darcy Power, and as ex-officio members, Mr. J. D. Dinan, Chief of Police, and Mr. Geo. F. Duffy, President, Board of Public Works. The Board appointed at this time Dr. J. T. Watkins as Health Officer.

On August 12th the first cases of plague (Mr. and Mrs. Conti of 20 Midway Place) were reported to the Board of Health by Dr. Caglieri. The cases were at once carefully investigated. Mrs. Conti died at her residence before she could be moved. Mr. Conti who recovered after a severe attack, was taken to the Isolation Pavilion at the City and County Hospital. When the hospital was visited by the authorities at 9:30 p. m. on the same day, August 12th, they found two more cases in the hospital that had been admitted without diagnosis—one case in O Ward, Guadalupe Mendoza from Pacific and Davis Streets, and another one in K Ward, Jose Hyman, who had lived in the same shack with Mendoza. Both cases were at once removed to the contagious pavilion. On the same date, Dr. Austin, in charge of the Marine Hospital, notified the Board of Health that a sailor, A. Ruvak, who, on August 9th, 1907, had come to the Marine Hospital directly from the Steamer "Samoa," had died at that institution of plague. A thorough disinfection of the premises from which the cases came was ordered at once, and a campaign planned for the eradication of the disease.

From the very beginning the City Board of Health had the hearty cooperation of the State Board of Health and of the United States Marine Hospital Corps; of the latter notably of Doctors Austin, Long and Stansfield. Some delay unfortunately was caused by the fact that the Health Officer on August 16th had to take charge of the City and County Hospital on account of the resignation of Dr. John B. Hughes, the then warden of the hospital; but at a meeting of the Board on August 26th, Dr. Watkins presented a full outline as to how the work should be conducted by districting the city, placing a medical man at the head of each district with a sufficient force of inspectors and laborers under him. In the meantime the situation had become very aggravated by the occurrence of four cases of plague at the City and County Hospital. These cases had developed at the institution itself. On August 24th, O'Leary, an orderly in the nurses quarters, died of plague; on August 23d, Dr. C. Jones, interne, showed symptoms of a light infection from which he recovered; on August 26th, Miss Keating, one of the nurses, developed a similar light attack, and on August 27th another inmate, a Mr. Casey, sickened and died shortly afterwards of plague.

On August 27th the City and County Hospital was placed in charge of Dr. A. A. O'Neill and closed for all cases except cases of plague. The hospital was also placed in quarantine. Arrangements were made at the same time with the Almshouse to receive the cases which otherwise should have gone to the City and County Hospital. On September 10th all necessary preparations for the proposed disinfection of the City and County Hospital were completed and the hospital was thoroughly fumigated. No further cases developed in the

hospital after those which were first mentioned. By that time a rat-proof corrugated iron fence had also been constructed around the infectious pavilion at the hospital, a good part of the work being done by the physicians at the hospital, as laborers, being afraid of the infection, refused to do the work.

The plan of campaign first presented by the Health Officer on August 20th had been elaborated in the meantime, and on September 7th, the first medical and sanitary inspectors were appointed, also two competent bacteriologists. Even before that, on September 4th, a rigid inspection of the dead had been inaugurated.

As soon as the seriousness of the situation was recognized, His Honor, the Mayor, communicated with the Federal Government requesting the President to direct the Public Health and Marine Hospital Service to assume charge of the measures necessary to eradicate and prevent the spread of bubonic plague as they had done in the former out-break in Chinatown. General Wyman, of the Marine Hospital Service, immediately sent Passed-Assistant Surgeon Rupert Blue, as he had had charge of the work in Chinatown before.

Plans had also been made to erect a Plague Hospital on a lot adjoining the Isolation Hospital for smallpox and leprosy.

On September 11th a re-organization of the Board of Health took place. Doctors McConkey and Manning remained. In place of Dr. Simon, Dr. Harvey and Dr. Power, resigned; Doctors T. W. Huntington, T. Dudley Tait and William Ophuls were appointed by the Mayor. At the first meeting of the new Board of Health, Dr. Ophuls was elected President; Dr. Watkins, the Health Officer, resigned, and Dr. Herbert Gunn was elected in his place. All energies were bent towards getting the anti-plague work immediately started in the various districts, more especially in the Italian quarter in the North Beach district which was the worst focus of infection. It was also decided to rush the erection of the plague hospital on the site selected and to offer a rat bounty, first of five cents, which as it did not produce the desired effect was later increased to ten cents.

When Dr. Rupert Blue made his first tour of inspection about September 15th, fairly extensive operations were already in progress, the work being facilitated by the fact that many of the District Commanders had served under Dr. Blue in Chinatown during the former out-break and were, therefore, familiar with the requirements of the situation.

Dr. Blue officially took charge on September 16th, but much of the work was done directly through the Health Office until he had established his own headquarters on September 23d, 1907. From the very beginning there was perfect harmony and co-operation between the Federal, State and City authorities. The seriousness of the situation was immediately recognized by all of them, and the most energetic measures at once adopted by all parties concerned. A joint conference, at which the Federal authorities were represented by Drs. Blue and Hobdy, the quarantine officer, the State authorities by Governor Gillet, Dr. Regensburger, President, State Board of Health, and other members of the same body, and the City authorities by Mayor Edward R. Taylor, representatives from the Board of Supervisors and from the City Board of Health, was held at the Union League Club on September 21st. This meeting served very much to promote mutual understanding and efficient co-operation. The Board of Supervisors realizing the necessity of large expenditures, in spite of the enormous drain on the City Treasury for rehabilitation work necessitated by the earthquake and fire of 1906, gave freely and appropriated for the month of September: \$25,000.00 for anti-plague work. It was, therefore, possible to give reassuring news to the public which had become quite alarmed by this time. From then on the campaign continued along the same general lines. An exhaustive report will undoubtedly be published by the Marine Hospital Service. It seems sufficient to say here that the City was divided into twelve districts of various sizes according to the density of the population and the requirements of the situation

as shown in the appended map. At the head of each district there is one Medical Inspector, under him several Sanitary Inspectors and a corps of laborers. There were employed in the month of November, fourteen Medical Inspectors, twenty-five Sanitary Inspectors, thirteen Assistant Sanitary Inspectors and 232 laborers, total number of employees being 284.

Dr. Blue reports in November, 1907, "the expense of operations is something like \$50,000.00 per month. The bulk of same, at present, is borne by the City of San Francisco. Approximately 300 men are employed in this work. The underlying principle upon which the campaign is conducted is the destruction of the rat and his parasites. Plague is essentially a disease of rats transmissible to man, largely through the agency of the flea. If, then, the rat is destroyed, plague can be stamped out. At present, some 5,000 traps are being set every day for them, while a total of 250,000 pieces of poison are being put out for rodents, every week. The result is, that more than 13,000 rats were trapped and found dead last week alone. On November 9th, 1907, the total number of rats received so far, was 16,494; of these thirty-four proved to be infected with plague. It is interesting to state that the infected rats have been found exactly in the same localities where the human cases have occurred.

Of further measures taken against the spread of the disease, we may enumerate the following.

First. The Inspection of all dead in the City by specially appointed Medical Officers, representing the United States and the City authorities. All even slightly suspicious cases are investigated by autopsy and bacteriological examinations.

Second. Special attention has been directed to the abatement of all nuisances. The sewer in the infected quarter, which was totally blocked, was opened up by the energetic work of the Board of Public Works. Large numbers on insanitary refugee shacks have been condemned, vacated and destroyed. Special attention has been directed to unsanitary stables, which naturally attract and harbor rats.

Table No. 2 gives a statement of cases of plague found in the various districts, arranged according to months, showing the disappearance of disease among man in February. Wherever cases occurred, the premises were disinfected very thoroughly and a special effort was naturally made to exterminate the rats in the building and its surroundings. Places where diseased rats were found were treated in the same manner. In the beginning it was necessary to work from these established foci in a radial direction, but eventually the whole city was covered. So far as the destruction of the rats is concerned, table No. 3, gives part of the result. Very many of the poisoned rats were, of course, never found. This is especially true of those which were poisoned by the long continued systematic work in the sewers and also of those poisoned along the water-front. This table also gives the number of rats which were examined bacteriologically. It was impossible to examine all rats, but an attempt was made to examine as large a proportion of the rats as possible. The table also shows the number found infected each month. It shows that the rat infection, contrary to what was observed in man, increased until February to diminish from thereon to the present time when it is quite limited, although unfortunately not entirely extinct. This difference in the course of the disease among human beings and rats has been observed in many other places and is usually attributed to the comparative absence of the transmitting agent, the flea, in winter, the fleas not being sufficiently abundant to find their way into the habitation of man.

Table No. 4 gives the rat infection for the different districts, showing the alarming size of the area over which the infection extended in this city; only two far out-lying districts, No. 7 and No. 8, being practically free. The bacteriological examination of rats was conducted at first partly by the City Laboratory, under Dr. Wherry, and partly by the laboratory of the Marine Hospital Service. Since April the work has been done entirely by the Federal authorities.

Experience in other cities infected with plague has shown abundantly that the mere poisoning and trapping of rats is entirely inadequate to cope with the situation. From the very beginning, therefore, much attention was directed to destroying their breeding places and cutting off their food supply. At the beginning of the campaign, San Francisco, undoubtedly, was an ideal harboring and breeding place for rats. Many parts of the city were full of temporary structures harboring rats underneath their wooden floors. All through the burned district there were vast accumulations of rubbish in which rats could breed; the sewers were broken and freely accessible to rats almost everywhere. Places providing rat-food, such as stables, markets, restaurants, and granaries, were not protected against rats with rare exceptions. One of the most serious menaces was the entirely inadequate system of garbage removal. San Francisco unfortunately has no municipal garbage collection. Rates for the removal of garbage were high, and as a result many householders preferred to dispose of their garbage wherever opportunity offered. In order to avoid the charges in the crematory, the garbage collectors even often would surreptitiously dispose of their garbage on empty lots. It was only after months of strenuous effort that the householders became convinced of the necessity of keeping their garbage in enclosed receptacles and of having it removed at regular intervals, and that the garbage collectors were persuaded to do their duty in the matter. It is very much to be feared, however, that conditions will return to the old status as soon as the vigilance of the Federal forces is relaxed. Fortunately the people of San Francisco have voted \$1,000,000 for a municipal crematory, and when this is established, which should be done at the earliest possible moment, it is to be hoped that better control of the situation can be obtained. So far as the sewers are concerned, conditions have improved very considerably, thanks to the energetic work of the Board of Public Works and the Marine Hospital Service, but conditions cannot be much relieved until the new sewer system, for which bonds have been already voted, is constructed.

The rat-proofing of stables, markets, restaurants, slaughter-houses, and warehouses, i. e., places in which foodstuffs are kept, and of the residence of the people presents an appallingly large and complex problem. Still, experience elsewhere and in the former out-break in Chinatown in this city has shown that this is the only work that gives a permanent safe-guard against the recrudescence of plague. It should, therefore, be looked upon as more important than all other measures, and efforts in this direction must continue permanently.

The situation was partly dealt with by suitable legislation. The Ordinances which were passed are appended. A stable ordinance was first enacted, which provided the concreting and proper drainage of all future stables. A very large number of existing unsanitary stables were forced to concrete, if necessary by condemnation proceedings.

The following table will show the magnitude of the operations:

Total number of Board actions.....				512
Hearings and re-hearings.....				795
	Number	Completely Abated	In Progress	No. Result
Stables	353	275	72	6
Dwellings	87	26	51	10
Nuisances	72	30	31	11
	512	331	154	27

This statement comprises only those cases in which resistance was offered to the wishes of the Board of Health. The vast majority of cases were settled without hearing.

The building laws of the city were so amended as to prohibit the construction of planked yards and wooden sidewalks, both of which were found to be infested with rats, and as a most important measure a section was added to

these laws requiring the rat-proofing of all basements in future buildings by concrete, except in the outlying districts where in buildings of less than 800 square feet floor area, rat-proofing by elevating the building and leaving an open space underneath is allowed. Still another ordinance compels rat-proofing of all existing structures and gives the Board of Health plenary power in this regard. As in the course of the campaign it was found that chicken coops and other places where live animals were kept were dangerous harboring and breeding places for rats, a special chicken ordinance was passed which requires concreting of these places. An ordinance was passed providing the concreting of floors in markets. The Board of Health also passed rules and regulations in regard to rat-proofing and the proper sanitary construction of slaughterhouses.

In any sanitary campaign of this character very little can be accomplished without the intelligent backing and co-operation of the entire community. A campaign of education was therefore inaugurated in the very beginning of the outbreak. A very serious obstacle to these efforts, however, was encountered in the attitude of the press, which with one notable exception either did not print any news on the subject at all or was openly antagonistic to the efforts of the Health authorities, using all means at their disposal to try to convince the people that there was no necessity for any radical improvements. In order to overcome this difficulty, the Board of Health and the Merchants' Association almost simultaneously issued circulars of instructions to householders. This was done about the beginning of October, 1907. The circular sent from the Board of Health is appended. Somewhat later a similar statement signed by the Mayor was published in the "Call" and partly reprinted in the "Examiner." An attempt was also made at the end of November to arouse the interest of the more important commercial organizations, and the appended circular notice was sent to all physicians in January. Very little success, however, was obtained in this direction until in January, when, at the suggestion of the State Medical Society of California, the Mayor appointed a Citizens' Health Committee of twenty-five, consisting of the following citizens:

E. H. Rixford, Gustav Brenner, T. C. Friedlander, H. H. Sherwood, Frank J. Symmes, Chas. C. Moore, Harry M. Sherman M. D., Martin Regensburger M. D., John M. Williamson M. D., George H. Evans M. D., Charles G. Levison M. D., James H. Parkinson M. D., T. H. Swayne, Capt. H. W. Goodall, James McNab, A. W. Scott Jr., L. M. King, Walter Macarthur, John Gallwey M. D., Langley Porter, M. D., H. C. Moffitt, M. D., P. M. Jones, M. D., E. N. Ewer, M. D., N. K. Foster M. D., Homer S. King, Chairman, and L. M. King, Secretary.

Executive Committee—Chas. C. Moore, Chairman, Gustav Brenner, Walter Macarthur, Geo. H. Evans M. D., and Frank J. Symmes.

Executive Finance Committee—Leon Sloss, Chairman, Wm. A. Magee, and E. R. Dimond.

Very active steps were taken by the Citizens' Health Committee to acquaint all citizens with the real danger of the situation. All kinds and classes of people were addressed in a very large number of public meetings and in this way a most helpful co-operation of the public was secured. Apart from a great deal of other work, the Citizens' Health Committee was of greatest service in the roll of mediator between the authorities and the citizens who were required to spend considerable sums of money in the sanitation of premises owned by them. By the tactful efforts of the Citizens' Health Committee a very large part of the work was done voluntarily by owners without any friction with the sanitary authorities. It would also have been impossible to carry on the anti-plague campaign with the same thoroughness and efficiency if the Citizens' Health Committee had not come to the assistance of the Federal and city authorities by the collection of a fund of over \$150,000.00, which was put at the disposal of the Marine Hospital Service and expended directly through Dr. Rupert Blue. The prompt response of the citizens to the appeal of the Citizens' Health Committee for contributions was most gratifying and all the more remarkable when one considers the great losses of the community in the fire and

earthquake of 1906 and the extreme monetary stringency which existed at the time.

The expenses of the campaign naturally have been very heavy. The city's finances were in such an unfortunate condition that in November, 1907, it became necessary to ask the United States Government to assume more of the financial burden, and on November 19th they took over a large proportion of the expense. A statement of the expenses borne by the municipality is appended. The Federal Government in addition spent \$210,000.00; the Citizens' Health Committee, \$152,000.00 approximately, and the State of California in our City approximately \$20,000.00. The sum total of expenses to July 1st was, therefore, very nearly \$500,000.00, not counting the great expense borne by the citizens in rat-proofing their premises, which is variously estimated as from \$500,000.00 to \$1,000,000.00.

Owing largely to the efficient guidance and co-operation of the United States Marine Hospital Service, under Dr. Rupert Blue, the results of the anti-plague campaign so far have been most encouraging; more so than could have been reasonably hoped at the beginning of the outbreak. Still so long as the infection remains among the rats, the battle is not won. We have now entered upon the most difficult part of the campaign, because the public is naturally beginning to lose interest; is even becoming more and more antagonistic to the measures prescribed by the Board of Health, especially when they contemplate an expenditure of money. Even the authorities are naturally tiring of the long continued strain and of the continued expenditure of money. It should be borne in mind, however, that so long as there remains one infected rat in the city, the danger remains serious and imminent. This will be all the more apparent when one takes into consideration the amazing rapidity of the multiplication of the rat when unchecked and the probability of a renewed widely disseminated outbreak of the disease among them. All the money and energy spent will count for nothing unless the campaign is continued with unabated vigor until the last traces of rat infection have disappeared and to a certain extent forever afterwards. So many cities have had to regret negligence in this most important point that it is to be hoped that our city will learn by their experience.

One of the most serious menaces which remains is the condition of the water front with its antiquated wooden docks which naturally form ideal harboring and breeding places for rats and which affords a splendid avenue for new infection from the Orient. An enormous task is to be accomplished here, and the city is to be congratulated on the fact that the Board of Harbor Commissioners is fully aware of the situation and is bending all efforts towards effecting the necessary improvements. The building of stone and concrete docks has already started.

The Plague Hospital, the construction of which was commenced at the end of September, was finished November 8th, 1907, and put in charge of Dr. A. A. O'Neill. It consists of separate cottages, each accommodating four to five patients; of one cottage for an office; of another one for kitchen and dining-room; of separate cottages for nurses and internes, etc. One cottage is fitted up as a laboratory and another one for rat examination and animal experimentation. Each cottage has running water, etc., and there is an abundance of good modern plumbing. The hospital can hold from fifty to sixty patients with facilities for enlargement. It is surrounded entirely by a rat-proof galvanized iron fence sunk in concrete. The hospital was constructed by the Board of Public Works at a cost of approximately \$20,000.00.

Appended hereto are tables showing expenditures in suppressing the bubonic plague, cases of plague by months and by districts, circulars issued to the public and ordinances adopted as sanitary measures in connection with the suppression of the disease. (See pages 498 to 511.)

CITY PHYSICIAN.

On September 16th Dr. Watkins, the former Health Officer, was appointed City Physician, vice Doctors Rottanzi and Adler, resigned. Dr. Watkins, besides attending to his other multitudinous duties faithfully has made an especial study of the conditions at the City Prison and the County Jail, and many improvements in these places are the direct result of his well-directed and energetic efforts.

Dr. Watkins reports: "At Jail No. 2 a heating plant has been put in and plans for a hospital outlined. Jail No. 3 has been condemned and vacated, and a new and adequate one fitted up in the south wing of the old industrial school. The sick at prisons and jails have received, according to our statistics, about two-fifths as many more treatments as has previously been the custom to give them. All except very short time prisoners have been vaccinated at the prison. A plan for caring of the city's sick poor has been evolved whereby, while grafting and malingering have become increasingly difficult, the really sick receive a degree of medical attention never before equalled in the history of the Department.

"There is very great need of an annex to the City and County Hospital for the care of senile and habitual drunkards, of persons addicted to drug habits, and of epileptics. Patients should be committed to this institution until such time as they shall be pronounced cured. The presence of patients of this character in the open wards of the City and County Hospital and of the Almshouse is detrimental to the discipline of these institutions and in many ways injurious to the other inmates."

Dr. Watkins has also exerted himself to have the Board of Education provide suitable schoolroom furniture.

CITY AND COUNTY HOSPITAL.

The City and County Hospital at Potrero Avenue and Twenty-second Street, an old, dilapidated, most unsanitary wooden structure, erected as a temporary hospital thirty-five years ago and used ever since in spite of repeated condemnation by successive Boards of Health, was again formally condemned on September 17th, 1907, as a nuisance, and, on account of the urgency of vacating this dangerous structure, steps were taken at once to provide new quarters for the city patients. On October 14th, building No. 2, on the Almshouse tract, was selected for this purpose, and repairs begun on the structure, which although poorly adapted for hospital use was still the best which could be found for the time being. These repairs which were quite extensive were finished by the Board of Public Works on January 1st, 1908, and on January 2d, 1908, the patients remaining at the old City and County Hospital, 137 in number, were removed to this building, a distance of four or five miles within two days.

The City and County Hospital at this time was in charge of Dr. William R. Dorr, who had been appointed warden when the former warden, Dr. A. A. O'Neill, took charge of the Plague Isolation Hospital. From September 13th no new cases had been admitted to the old City and County Hospital, except tubercular and infectious cases, the latter only because it was impossible to place them otherwise. The other new cases were partly sent to the Almshouse where rather provisional arrangements had been made hurriedly for their reception. On September 20th, Colonel Torney, in charge of the U. S. Presidio General Hospital, at the solicitation of the Board of Health, opened the doors of this institution to the city's patients charging the city the usual army rates for the care of the patients. This arrangement continued to mutual satisfaction until May, 1908, when it became possible to relieve the United States authorities of this burden. The city authorities will always remember, with great

pleasure, the many courtesies received and the model care and treatment which the city's poor received under this hospitable roof.

On September 25th, satisfactory arrangements were made with several hospitals in the city (University of California, Lane, Hahnemann, Mt. Zion, St. Luke's and Childrens' Hospitals) for the reception of the city patients.

A very important innovation in administration of the city charities was made on October 4, 1907, when an official investigator of cases was appointed by the Board of Health from the Associated Charities. Formerly very little effort had been made to restrict these charities to the worthy poor. The conditions in the city institutions seems to have been relied upon to exclude all but those who were at the very end of their resources. This system of investigation of prospective city charges has been perfected since then until now all patients are received at one central station—the Central Emergency Hospital—and if, at all, possible are kept there until the necessary investigations have been made before they are transferred to the City and County Hospital or, if necessary, to other hospitals in the city. The value of this investigation to the city and also indirectly to the really needy is shown by the following report by Mrs. G. Newell, the official investigator, for May, 1908:

Cases applying for hospital care.....	254
Number refused.....	95

After having been vacated, the old City and County Hospital, in the Mission, was torn down by the Board of Public Works and the wreckage burned.

On March 10th, 1908, about 8:30 A. M., a fire broke out under the roof of the southwest corner of building No. 2, on the Almshouse tract, then being used as the City and County Hospital, which in a very short time destroyed the entire building. It was only through the heroic work of the attendants and through the prompt and efficient assistance of the employees of the Relief Home, which is situated on the same tract of land, that all patients were removed in time from the burning building without accident. The patients were housed temporarily in building No. 1 on the Almshouse tract until buildings at the Ingleside Race Track, formerly used for refugees by the Relief Corporation, could be arranged for hospital purposes. These buildings were graciously put at the disposal of the city by Mr. Thomas Williams. Work on these buildings was completed by the Board of Public Works by April 10th, 1908, when the patients were moved to their new quarters. The Board of Supervisors appropriated \$12,209.00 for new equipment, and \$10,000.00 for repairs. The Associated Charities, in addition, prepared one building for the reception and proper treatment of tubercular cases. Although everything was done to put the buildings, which formerly were used as stables for race horses in a habitable condition, naturally the result is not at all what could be desired. All the buildings are old, the roofs more or less leaky which will cause much annoyance in the approaching rainy season. The buildings are not connected by covered corridors as they should be. Some of the buildings are open to such an extent that it will be practically impossible to heat them, others again do not provide for sufficient ventilation. It seems entirely out of the question to handle in such quarters acute cases, such as cases of pneumonia and typhoid, apart from the fact that it would be dangerous to transport them such a long distance over very poor roads. Acute surgical cases also should not be treated at Ingleside for similar reasons, and also because in an emergency it would be impossible to get the surgeon out from town in anything like a reasonable time. There is, therefore, most urgent need for the speedy erection of the new City and County Hospital in the Mission, for which the people of San Francisco at the last bond election have voted \$2,000,000.00. The appropriation made by the Board of Supervisors for the City and County Hospital, \$120,000.00 for the year, i. e., about 74 cents per patient per day, is barely sufficient to provide the patients with the absolute necessities. We find that it not even suffices to give

patients the special diets which they require. That 74 cents per patient per day is not enough to care for patients properly is shown by hospital statistics from all over the country. The better class of municipal hospitals spend \$1.50 and more a day. That this is the proper rate for San Francisco also is shown by the fact that the teaching hospitals in the city are caring for our patients at this rate and inform us that this rate does not quite cover the expense of the patients to them. Dr. Dorr remarks in his report, "We now average about 100 employees to 300 patients, which would be one employee to about every three patients. This proportion is inadequate to properly look after the patients and is so considered by the American authorities on the subject, who claim that in hospitals run on the ward plan there should be at least one employee to every two patients. Until such time as the institution has at its disposal sufficient money to provide the requisite number of employees it will be open to decided but just criticism."

EMERGENCY HOSPITALS.

On September 25th, the Board of Health appointed Dr. Wallace I. Terry to the position of Chief Surgeon of the Emergency Hospitals. Dr. Terry took sufficient interest in municipal matters to undertake the work of re-organization of this Department, and has succeeded in bringing it to a most gratifying state of efficiency. The Park Emergency Hospital was changed into an ambulance station, as the small number of patients treated did not warrant the maintenance of a hospital. The Central Emergency Hospital has been enlarged by the conversion of an adjoining storehouse into an annex containing seven beds and four cells with bath and other minor rooms. An additional matron has been provided for the Detention Hospital of Insane. A new ambulance and a team of horses have been secured. The Central and Harbor Hospitals have been painted and renovated to considerable extent.

The Board of Supervisors have granted in the new budget \$10,000.00, for the erection and maintenance of a temporary new emergency hospital on the old City and County Hospital site and a permanent emergency station on this site will be erected when the new City and County hospital is built. The permanent new Central Emergency Hospital should be placed in the new City Hall, i. e., in the same position which it occupied before the catastrophe of 1906, as it is absolutely necessary for this institution to be centrally located in order to render proper service to the community.

ALMSHOUSE.

At the Almshouse, conditions were far from satisfactory at the beginning of the fiscal year. There were four buildings to house the seven to eight hundred inmates. The largest one, building No. 1, was very old, the foundation and supports in a unsafe condition, especially since the earthquake; the plumbing was inadequate, antiquated and out of order; the roof leaky; the whole building filthy from the long continued occupancy by most undesirable class of people, and the earthquake damages had not been repaired. Building No. 2, which later was used as the City and County Hospital, was in the same condition, although it was not in such a poor shape structurally. The other two buildings were devoted to the care of bed-ridden paralytics, males and females, and other inmates who had to be kept under restraint on account of viciousness, imbecility or other mental defects, i. e., of individuals who either should have been taken care of in a hospital or should have been committed to an asylum for the insane.

Fortunately the terrible needs of the Almshouse had come to the notice of the Relief and Red Cross Corporation, which naturally took interest in the institution to which many of their wards would have to go eventually. They had on

hand a large number of individuals, about 800, who were unable to support themselves and who had been deprived of all other means of support by the earthquake and fire. Chiefly, in order to provide permanent quarters for these sufferers from the great catastrophe of 1906, the Relief Corporation erected on the Almshouse tract a new building on the pavilion plan at a cost of \$300,000.00. This building is most suitable for the purpose for which it is constructed and modern in every respect. The plumbing and the kitchen arrangements are models of their kind. It has accommodations for about 1,100 people. Pending the completion of this building the Relief and Red Cross Corporations kept the refugees at the model camp at Ingleside, under the Superintendency of Mr. C. M. Wollenberg, who succeeded most admirably in taking care of these unfortunates under most trying circumstances.

When the building on the Almshouse tract was nearly completed in October, 1907, it was decided at a joint conference of a committee from the Board of Supervisors, the Relief Corporation, and the Board of Health to transfer the conduct of the Almshouse to the Relief Corporation, under Mr. Wollenberg's management; the Relief Corporation to use for the city wards the unexpended balance in the treasury for Almshouse purposes. This transfer was actually made shortly after Mr. F. A. Schmitz, the then superintendent resigned on October 25th, 1907. The Relief Home of the Aged and Infirm, which name from then on was to replace the old name of Almshouse, was finished by January 22d, and the Relief and Red Cross Corporation moved their people from Ingleside into the new building. Later, building No. 1 was evacuated, thus abandoning the largest and at the same time the most dilapidated building of the Almshouse.

During the winter the number of inmates rose to 1,380, and for a time applicants had to be refused for a lack of space. In the spring and summer the number gradually decreased to 1,166. In addition to the erection of the Home for the Aged and Infirm, the Relief Corporation has done the following work on the Almshouse tract:

First. Constructed three additional buildings accommodating 250 inmates.

Second. Jointly, with the City and the Spring Valley Water Co., constructed new sewer system connecting with the sewer in Seventh Avenue.

Third. Constructed a fence around the entire tract—over one and one-half miles of fencing.

Fourth. Installed new central power plant, using the old apparatus so that the plant now is amply sufficient for all purposes.

Fifth. Constructed a 200,000 gallon water tank and 12-inch pipe line for fire protection.

Sixth. Constructed a garbage incinerator.

Seventh. Enlarged, with the assistance of the city, the steam laundry to a sufficient capacity to take care of the laundry from all institutions under the Board of Health.

Building No. 1 has since been torn down and completely removed by the Board of Public Works. Building No. 3 and Building No. 4 are being repaired and a new stable is being erected by the city. With the new fiscal year, the Relief Home of the Aged and Infirm will be turned over to the city. In the budget the Supervisors have well provided for the new institution.

The city will shortly erect a reinforced concrete building as an Infirmary, at the site of former building No. 2, to cost \$250,000.00. This building will accommodate all inmates of the Relief Home who are in need of hospital treatment. It will also take all patients from buildings Nos. 3 and 4. One of the serious problems which remains to be solved is to prevent the abuse of the re-modeled institution. By a careful investigation of each case a strong and continued effort should be made to restrict this Charity to the worthy poor. Even now all new admissions are

being gone over by the investigator of the Associated Charities, but I believe that further efforts should be made in this direction. Closely connected to this problem is the other of providing suitable occupation for the healthy inmates of the institution. No individual who is able to do any kind of work should be allowed to remain idle. This would benefit the institution, but most of all the inmates themselves. How this work is to be provided is still an open question, but I believe that sufficient work can be found in the institution and on the tract of land which surrounds it. Perhaps the most attractive solution of the difficulty which suggests itself would be the purchase by the city of sufficient tract of ground in the neighborhood for the establishment of a vegetable farm of considerable size, for the maintenance of a dairy and the pasturing of cattle and other animals. The institution then probably could be made very nearly self-supporting, and I think it would be perfectly legitimate to supply the other city institutions with its surplus.

SMALLPOX AND LEPER HOSPITALS.

With the Pesthouse, so called, the Board of Health inherited another institution which was far from what it should have been. The white lepers were found being cared for in a roughly constructed dismal shack, underneath which there was a stable which had to be closed on account of its unsanitary condition. The Chinese lepers occupied another separate shack of the same description somewhat higher up on the same ground. When a survey was made of the lot it was found that this part of the establishment was entirely outside of the correct boundary line of the city property.

A Smallpox Hospital, so called, is a more recently constructed frame building, entirely too small for the purpose, with a badly ventilated and lighted space, imperfectly subdivided, in which men, women and children were crowded together in the worst possible fashion. One nurse was attending to all patients, and it was only due to her heroic efforts that a semblance of order and decency was maintained. Neither place was provided with electricity or gas, and the sewage from both drained into an open cesspool about 50 feet from one corner of the lot upon which the buildings were placed. When the Isolation Hospital, for plague cases was built, a new sewer was constructed which discharged into Islais Creek in deep water ten feet from the banks. The shacks on the Pesthouse site were connected with this new sewer. On November 15th, 1907, all three buildings were once more condemned by the Board of Health.

The management of these institutions was very much improved, when, on February 7th, 1908, Dr. A. A. O'Neill, who had so successfully managed the Plague Isolation Hospital on the adjoining lot, was placed in charge of the leper settlement and the smallpox hospital the three institutions being combined under the name of Isolation Hospital. Dr. O'Neill also acts as a city expert on smallpox cases. In May, 1908, the Supervisors granted \$10,000.00 for the repair of the Smallpox Hospital. Plans for these repairs, which contemplate the re-arrangement of the present building with acquisition of new ward space and the erection of a new kitchen and laundry, have been made by the City Architect and accepted by the Board of Health. Work has already commenced and will be pushed to speedy completion by the Repair Department of the Board of Public Works. It is to be hoped when these repairs are completed, that the Supervisors will grant a similar sum for the relief of the lepers.

On December 24th, another re-organization of the Board of Health was effected which was necessitated by the Charter amendment providing for a Board of Health of seven members, three of them to be medical men and four laymen, dispensing with the former ex-officio members, the President of the Board of Public Works and the Chief of Police. The members of the new Board of Health are to serve seven years, one member to resign and a new member to be appointed annually by the Mayor. Mayor Taylor re-appointed on

the new Board, Drs. Huntington, Manning, and Ophuls. He appointed in addition, Mr. Curtis Hillyer, a lawyer, Mr. William F. Wilson, a master plumber, Mr. John P. McLaughlin, the secretary of the Teamsters' Union, and Mr. E. D. Bullard, a merchant. The new Board of Health organized on December 24th, and continued Dr. Ophuls as President. The new Board naturally is responsible for a good part of the work mentioned before, but it did not seem wise to interrupt the continuity of the narrative. Experience so far has shown very decidedly that the Charter amendment was a step in the right direction. The efficiency of the Board of Health has been greatly increased by the introduction of elements conversant with law and business affairs in general. The special knowledge of each one of the new members has been of great value, and the Board, through them, has come into more intimate contact with the general public. The estimation of the Board of Health by the general public has also been greatly enhanced by the fact that the new Board is an entirely non-partisan body, representing all parties and that it has in it a considerable representation of the business interests of the community. The fear which has been expressed that in strictly medical questions it might be difficult at times to obtain prompt co-operation by the lay members, has not, in any way been realized.

To the new Board of Health we owe among many other improvements a proper method of procedure in the condemnation proceedings, a very marked improvement in the plumbing inspection and in the method of conducting the master plumber examinations which are held for the Board of Health by representatives of the Master Plumbers' Association. The examinations are now conducted in such a manner that there cannot be any question about their fairness. Most important of all, however, seems to be the complete re-organization of the financial system of the Board of Health, which was effected in March, 1908. Formerly very loose methods were in vogue, the various institutions, such as the City and County Hospital, the Almshouse and the Emergency Hospitals, being almost independent of the Central Office in regard to their financial management; practically no accounts being kept of liabilities incurred, etc. Now all requisitions have to pass through the Central Office where they are carefully checked and full accounts kept of all liabilities. The receipts from the receiving clerks at the various institutions are carefully compared with the bills as they come into the Central Office. In other words reforms were introduced, which, in any business corporation of similar magnitude would have been in force for decades. A successful attempt was also made to improve the specifications for the city contracts, so far as they affect the Board of Health, and to exclude as much as possible irresponsible bidders.

On March 3d, Dr. H. Gunn, who had made a most efficient Health Officer, resigned, and Dr. R. G. Brodrick, who had considerable experience in sanitary work as Executive Officer, Department of Camp, Food and Warehouse, of the Relief and Red Cross Corporation, was appointed in his stead. On May 27th the Board of Health decided to introduce the use of uniforms for its inspectors. The advantages of uniforms are obvious; they give the inspectors greater authority; they protect the public from imposition by unauthorized inspectors; they also facilitate the control of the work of the inspection. A definite style of uniform has so far not been decided upon, but preparations are very nearly completed.

In the budget for 1908-1909, the Board of Supervisors gave an increased appropriation for the work of inspection, still the amount available is far short of what it should be. No doubt the lack of appropriation was entirely due to the inability of the Board of Supervisors on account of lack of funds to provide as liberally for the needs of the Department as they should have wished to do.

BUREAU OF SANITATION.

The Health Officer reports that in this bureau which has charge of all complaints, sanitary inspections, inspections for contagious diseases, quarantine and fumigation, issuance of permits, such as stable, laundry, bathhouse, cigar factory, etc., and also of the dead inspection, an accounting system and vertical files have been adopted for the keeping of all records. A system has recently been inaugurated by which a complete check is kept on all complaints.

DIVISION OF SANITARY INSPECTION.

At present a good part of the work of this division is being carried on by the Federal force under Dr. Blue. When bubonic plague broke out in August, 1907, the city was found to be in a most deplorable condition so far as general sanitation was concerned. Only one who visited the infected quarter at that time can form an adequate idea of the amount of filth that had been allowed to accumulate or the disgustingly unsanitary condition of buildings, more especially of such places as stables, restaurants, markets, storage places of food supplies, etc., and of the absolute lack of knowledge of the people in regard to the dangers which threatened them on account of their criminal neglect in matters sanitary. This was to a great extent not due to lack of proper legislation, or was it due to lack of effort on the part of the Health Department to enforce such legislation. For years the work of sanitation has been in the hands of a very energetic and most competent Chief Sanitary Inspector, and contrary to the general belief, the force under him has been found by successive Boards of Health to be well disciplined and conscientious in their work with few exceptions. The main fault lies in the system. The theory of our Charter is that each police officer is also a sanitary officer and that he shall see to the enforcement of all sanitary rules and regulations, and, if necessary, he shall notify the Board of Health of the existence of public nuisances. In practice this has worked out very poorly. In the sanitary campaign against plague, the Police Department has assisted the Board of Health to the best of its ability, but it is absolutely useless to ask the Police Department to do anything that it cannot do without interfering with its main duties. Experience has shown conclusively that the Police Department cannot attend to the sanitation of our city. The fact that the police lack the special knowledge required is sufficient explanation. It is also to be considered that their primary duty lies in an entirely different direction and unless the guardians of sanitation are primarily and solely interested in sanitation, it will necessarily be neglected. So far as I am aware, a police officer has not once called the attention of the Health Department to a sanitary defect in any part of the city. There is this to be considered also that for sanitary purposes Police Officers would have to make careful inspections of all premises on their beats, whereas the small number of police officers in the service makes it absolutely imperative that they should remain on the open thoroughfares as much as possible. What is needed, therefore, is a corps of inspectors large enough to control the sanitation of our city. The present force is absolutely inadequate for this purpose. At present, as was stated, this service is being rendered by the United States Marine Hospital Corps. The City is divided into twelve districts which are sufficiently small to allow the man at the head of each district to familiarize himself with sanitary conditions in it. Under him is a sufficient number of inspectors to make regular house to house inspection at proper intervals. It must be evident to every one that this is the only system which insures efficiency. If this system is not introduced into the city service as soon as the Marine Hospital Service Corps is withdrawn, sanitary conditions will return to the old status with amazing rapidity and a visitation of one or the other epidemic diseases will naturally follow. It is to be hoped that our citizens have had enough experience by this time to realize, in the first place, that the

whole business of the city in the long run depends entirely and absolutely upon proper sanitation. Just as the Panama Canal could not be built without preliminary sanitation of the canal zone, a city cannot hope to be successful and prosperous without proper sanitation. In the second place the citizens should realize the present system is the most expensive one in the long run, because although a little money is saved for a time, in the end much larger amounts of money must be spent to do what should have been attended to in the first place.

If the sanitation of the city had constantly been kept in proper condition, the expenditure of over half a million of dollars for Special Sanitation on account of the outbreak of Bubonic Plague would have been largely unnecessary. Furthermore, the difference in cost from the present absolutely inefficient system in which the time of the employees in our service is entirely taken up by the investigation of complaints which come in at random, and a system which would enable the department to control the situation, would be really quite insignificant compared with the benefit derived. It is our belief that by an addition of a few more sanitary inspectors, of about a dozen sub-inspectors and possibly twenty to thirty laborers, which would mean an additional expenditure of from three to four thousand dollars per month of about \$36,000.00 per year, this object could be accomplished. At present we have four sanitary inspectors only, and it is practically impossible for them to be at all familiar with all sanitary conditions in the quarter of the city assigned to them and it would be palpably unjust to make them personally responsible, as they should be, for any deficiency that might be discovered in that section of the city by the Board of Health. All other inspectors in the employ of the Board of Health are detailed on special work and are more than fully occupied and therefore cannot be used for purposes of general sanitation.

DIVISION OF FUMIGATION.

The Health Officer reports that an additional man is necessary in order to place the work of this division on a scientific basis.

DIVISION OF DAIRY INSPECTION.

In order to insure a safe milk supply of the city, it is absolutely necessary that the dairies which send milk to the city, most of which are situated outside of the City and County of San Francisco, be inspected by this department. There is no way by which the sanitary or insanitary condition of milk can be determined except by inspection at the point where the milk is produced. Many of the Eastern cities have realized the absolute necessity of this work and have acted accordingly with the most gratifying results. The Board of Health realizing the absolute need of work of this character asked the Board of Supervisors for an appropriation for this purpose. On account of lack of funds this appropriation was not granted except one additional dairy inspector. The Board of Health, however, during the coming year will make all necessary preparations for the carrying out of this work with the hope of obtaining the necessary appropriation for the next fiscal year.

DIVISION OF PLUMBING INSPECTION.

The Health Officer reports that on account of the number of complaints referred to our office by the district commanders, besides the activity in erection of new buildings, the inspection work of this Department cannot be properly carried on with less than six plumbing inspectors, i. e., we should have one additional plumbing inspector.

BUREAU OF STATISTICS.

Some means should be devised by which accurate statistic of births could be obtained which at the present time are very unsatisfactory.

BUREAU OF ACCOUNTS.

I have already spoken of the establishment of this bureau and except for some minor modifications there is no urgent need for any change.

CHEMICAL AND BACTERIOLOGICAL LABORATORIES.

The Chemical and Bacteriological Laboratories are in a position to handle the work assigned to them to fairly good advantage, but both of these services will have to be enlarged shortly in order that in addition to the routine work required of them they shall be enabled to initiate work on their own account to my mind they should in time become the guiding factors to the efforts of the Board of Health rather than a mere tool for the accomplishment of a set task.

MEAT INSPECTION.

At present there is need for additional regulations in regard to the inspection of meat, and the number of inspectors is hardly sufficient to cover the large field, especially when one takes into account the difficulty of controlling the importation of meats from places outside of the City and County of San Francisco.

WM. OPHULS, M. D.,
President.

R. G. BRODRICK, M. D.,
Health Officer.

Appendix to the Report of the President of the Board of Health

COPY OF CIRCULAR OF INFORMATION ON BUBONIC PLAGUE ISSUED
OCTOBER, 1907.

Bubonic plague is primarily a disease of rats which is occasionally transmitted to man. In order to eradicate the disease it is therefore necessary to exterminate the rats so far as possible. This can be accomplished only when, first, all rat food, slops, garbage, refuse, etc., is carefully removed, or pending removal, kept in metal buckets with tight covers. Second, all places which harbor rats and in which they may breed must be destroyed; that is, all rubbish must be cleared away, and all firewood should be kept on platforms at least one foot above the ground and as closely packed as possible. The entrance of rats into houses must be guarded against, best by providing rat proof concrete basements. All basements and ground floors should be cleared of rubbish, the rat holes found, poison, preferably Rough on Rats or Electric Paste (**Poisonous:** be careful of animals or children), put in and the holes closed by covering them with strips of metal or cementing. Persistent efforts should be made by every householder to keep his premises free from rats, and catch and poison as many as possible. A safe poison for rats consists of equal quantities of flour and plaster paris, thoroughly mixed dry, and placed where the rats can get it. A pan of water should be near by. A little sugar or grated cheese may be mixed with this preparation to make it more appetizing to the rats. Rats found or caught should not be handled but picked up with sticks and placed at once in kerosene or boiling water. What applies to rats also applies to mice.

As fleas play an important role in the dissemination of the disease they should be guarded against and a liberal use of efficient insect powder is to be generally advocated. Mop up wooden floors with weak solution of crude carbolic acid to destroy the fleas.

If these precautions are taken there is practically no danger from plague, but when they are neglected the danger is great and imminent.

DEPARTMENT OF PUBLIC HEALTH.

COPY OF CIRCULAR SENT TO PHYSICIANS.

San Francisco, Cal., January 13, 1908.

Dear Doctor:—We wish to enlist your personal co-operation in the campaign of education of the public in regard to bubonic plague, which we have determined to enter upon. Will you kindly inform your patients of the following facts:

In the first place, that we have bubonic plague in this city, as is shown absolutely by the evidence of clinical investigation, post-mortem examination, and bacteriologic research.

2nd. That the main disseminator of the disease is the rat and its parasite. In all larger outbreaks of plague, diseased rats have been found, and the disease in rats has preceded the occurrence of cases in man. In this city it has again been observed that diseased rats made their appearance in certain quarters, and that the human cases followed some time afterwards. It is, therefore, necessary to exterminate all rats so far as that is possible. In order to effect this end, the people should assist the workers of the Marine Hospital

Service as much as possible. The foremen of the working crews are provided with badges as a means of identification. The people should rid their premises of rats by trapping and poisoning. All rat food, such as garbage, etc., must be removed. Pending removal, it should be kept in metal lined buckets, with tight metal cover, as provided by ordinance. All violations of this ordinance will be punished severely. All breeding places of rats, such as rubbish, etc., should be removed. Empty spaces under houses must be cleaned.

The best means of making a house absolutely rat-proof and prevent almost certainly the possibility of infection from plague, is by concreting the basement under the whole area of the house, and running up rat-proof concrete side walls to a height of about two feet above the ground. In cities where there were larger epidemics, it has been shown that such houses are absolutely safe.

3rd. That one of the most important means of transmission of the disease from the rat to man is the flea. The Indian Plague Commission demonstrated beyond the shadow of a doubt, that fleas take up the virus and transmit it to healthy rats or guinea pigs. They also demonstrated that there are certain rat fleas which will attack man. The ordinary flea of man, the *pulex irritans*, fortunately does not seem to feed on rats. Fleas can be avoided by personal and general cleanliness; by mopping the floor with a weak solution of crude carbolic acid, and, least of all, by insect powder.

We would deem it a great courtesy on your part if you would not only disseminate this knowledge among patients requiring your services, but if you would make it a business to visit the more influential members of your clientele in order to talk the matter over with them.

So far, we have had 137 verified cases of plague since May 27, 1907; of these, there were in August, 14; in September, 53; in October, 30; in November, 30; and in December, 8. We have now only two verified cases at the Isolation Hospital.

The falling off of the cases in December is, to a certain extent, due to the wet and cold weather, which drives the rats to shelter, and interferes with the activities of the flea. We hope, however, that it is partly due to the work which has already been done, and in this hope we should find the incentive for redoubled energy in this direction. This is all the more necessary since, although the human cases have declined, the number of diseased rats found has been on the increase during the last month, and the area of rat infection also is increasing. Unless we get rid of the rat infection in the course of the winter, we shall have to expect a renewed and perhaps more violent outbreak of the disease in spring.

Very truly yours,

WM. OPHULS, M. D.,
President Board of Health.

TABLE I.
PROVISIONAL PLAGUE DISTRICTS, SAN FRANCISCO, CAL.
(Boundaries.)

Dist. No.	North.	East.	South.	West.
1	Waters of Bay.	Waters of Bay.	Pacific street.	Taylor street.
2	Waters of Bay.	Taylor street.	Pacific street.	Octavia street.
3	Pacific street.	Waters of Bay.	Market street.	Taylor street.
4	Waters of Bay.	Taylor street.	Market street.	Octavia street.
5	Waters of Bay.	Octavia street.	Sutter street.	First avenue and Presidio
6	Sutter street.	Octavia street.	Market to Castro to Eighteenth, Eighteenth to Stanyan.	Reservation. Stanyan to Fulton, Fulton to First avenue, First avenue to Geary.
7	Waters of Bay and Presidio Reservation.	First avenue	Fulton street.	Pacific Ocean.
8	Fulton street.	Stanyan street to Eighteenth, imaginary line from Eighteenth and Stanyan to Ingleside Coursing Park.	County Line.	Pacific Ocean.
9	Eighteenth street to Castro, Castro to Market and Market to Sixteenth, Sixteenth to Mission.	Mission street.	Branch County Jail site and Eauer street.	Imaginary line from Eighteenth and Castro to Ingleside Coursing Park.
10	Precita avenue to San Bruno, San Bruno to Islais Creek, Islais Creek to waters of Bay.	Waters of Bay.	County Line.	Mission road.
11	Sixteenth to Kansas, Kansas to Alameda, Alameda to Rhode Island, Rhode Island to Division, Division to Channel, Channel to waters of Bay.	Waters of Bay.	Precita avenue to San Bruno, San Bruno to Islais Creek, Islais Creek to waters of Bay.	West Mission.
12	Market street.	Waters of Bay.	Channel street.	Seventh street.
Sub. 12	Market street.	Seventh street.	Sixteenth to Kansas, Kansas to Alameda, Alameda to Rhode Island, Rhode Island to Division, Division to Seventh.	Market street.

TABLE 2.

HUMAN PLAGUES BY DISTRICTS.

(Arranged according to Districts and Months.)

DISTRICT No.	DEVELOPED WITHIN CITY AND COUNTY							DEVELOPED OUTSIDE OF CITY	
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	TOTAL	REMARKS.
1	4	12	6	7	1		1	30	{ Case 157—Source of infection, San Pedro, Cal. { Discovered in Dist. 3 in Oct..... { Case 137—Source of infection, Stege, Cal. { Case 101—Source of infection, Oakland, Cal. { Discovered in Dist. 6, Nov..... { Case 6—Source of infection, S.S. Samoa, Aug..... { Case 82—Oakland, Cal.—Oct.....
2		8	3	3				15	
3		4	1	2	2	1		10	
4		3						3	
5		11	13	5	1			30	
6	1	2	3	6	1	1		14	
7								5	
8				3	2			12	
9	1	2	2	6		1		20	
10				4	2			8	
11	4	7	3	4				5	
12	1	5	1	3	1			152	
MAY								159	Case 39—Transport Sherman.
SUB. 12	1	55	* ††	†	10	†	1		Tramp in August.
MONTHLY TOTAL...	† **	† †	* ††	†	10	†	1		
	14	55	34	40	10	4	1		

N.B.—Reference marks indicate cases where sources of infection were not in districts from which they were reported.

TABLE 3.
 RAT REPORT—ARRANGED BY MONTHS.
 (Approximate Figures.)

	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	Total
Number of rats found dead....	245	4,441	2,840	1,001	811	1,513	2,070	2,588	1,763	1,276	18,548
Number of rats trapped.....	161	6,033	13,329	7,968	12,964	40,963	40,092	23,924	19,337	18,588	183,359
Totals.....	406	10,474	16,169	8,969	13,775	42,476	42,162	26,512	21,100	19,864	201,907
Number of rats examined....	183	.....	8,980	4,021	5,133	13,379	17,966	15,263	13,345	12,583	90,883
Number found infected	4	23	37	43	64	111	58	24	32	3	399
Totals.....	187	23	9,017	4,063	5,197	13,490	18,024	15,317	13,347	12,586	91,282

N.B.—Total figures correct.

TABLE 4.
RATS FOUND INFECTED WITH BUBONIC PLAGUE.
(According to Districts and Months.)

District Number	Total	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June
1	38	4	8	1	7	8	2	7	1	0	0
2	12	1	1	1	0	0	7	2	0	0	0
3	41	0	1	2	6	10	3	10	7	1	1
4	26	0	1	3	2	1	16	1	2	0	0
5	42	1	2	2	7	4	24	2	0	0	0
6	80	1	3	10	8	18	28	8	0	4	0
7	1	0	0	0	0	1	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	34	0	4	5	6	4	6	1	3	3	2
10	7	0	0	1	0	1	1	3	2	0	0
11	29	0	0	4	1	5	4	11	3	1	0
12	45	0	2	6	5	8	5	4	3	12	0
Sub. 12	44	2	1	2	5	6	3	10	12	3	0
Total.....	399	9	23	37	47	65	99	59	33	24	3

TABLE 5.
AMOUNT EXPENDED BY THE CITY IN WORK OF PLAGUE SANITATION.

Month.	Salaries.	Transportation.	Rat Bounty.	Isolation Hospital.	Incidentals.	Supplies and Equipment.	Totals Allowed.
1907—August.....	\$ 201.00		\$ 100.00			\$ 2,298.05	\$ 2,500.00
September.....	14,112.45		757.60			7,840.81	25,000.00
October.....	26,168.80	\$1,238.50	1,345.00		\$155.75	12,259.48	30,000.00
November.....	19,220.85	1,307.50	1,345.00	\$ 822.70	229.15	10,907.67	35,000.00
December.....	3,266.65	1,339.50	1,453.95	1,287.70	447.41	5,111.63	20,000.00
1908—January.....	3,111.50	1,420.25	1,702.10	938.08	293.80	9,003.20	20,000.00
February.....	2,880.33	1,495.50	3,338.30	791.07	171.87	2,178.10	11,000.00
March.....	3,037.00	1,590.00	1,600.00	634.21	457.16	3,647.16	11,000.00
April.....	2,678.15	1,664.20	1,505.40	547.37	456.85	4,132.14	12,500.00
May.....	2,399.65	1,022.50	650.00	560.00	260.95	4,355.20	10,000.00
June.....	2,153.00	1,520.00	500.00	630.00		5,197.00	10,000.00
Total.....							\$187,000.00

To the above must be added \$16,000, the cost of the Isolation Hospital.

Ordinances Adopted in Connection with Suppression of Bubonic Plague

COLLECTION OF GARBAGE REGULATED.

Ordinance No. 357 (New Series).

Section 1. From and after the passage of this Ordinance all garbage, as hereinafter defined, shall be placed by the person, firm or corporation occupying the premises upon which such garbage is created, in a water-tight metal receptacle, which receptacle shall be continuously closed by a close-fitting metal cover. The contents of such receptacle shall be delivered at least once a week to some person holding a legal permit from the Board of Health, issued under the provisions of Ordinance No. 775, entitled "Imposing a License on Scavenger Wagons."

Section 2. The person collecting such garbage under the terms of the preceding section shall deposit the contents of all such receptacles from such receptacle directly into the wagon provided therefor, and shall deliver the contents of such wagon at the Sanitary Reduction Works on the same day that such garbage was placed therein. Any failure on the part of the person so collecting such garbage to observe the requirements of this section will be sufficient to justify the revocation by the Board of Health of the permit issued in accordance with the provisions of said Ordinance No. 775.

Section 3. The term "garbage" as herein used is hereby defined to be all kitchen refuse of residences, restaurants, hotels and places where food is prepared for human consumption, all waste and offal from fish, meat and vegetable markets, and all organic substances of whatever kind or nature unfit for food that are subject to immediate decay.

Section 4. In addition to the revocation of the permit for the cause set forth in Section 2 hereof, the Board of Health shall have authority to hear complaints against any person holding such permit and to revoke the same for insolent or threatening conduct, for the failure to collect garbage under the terms of any contract, or for the violation of any sanitary regulations made by such Board; and no increase of charge for the collection of such garbage shall be made without the permission of the Board of Health.

Section 5. All members of the Police Department and employees of the Board of Health are hereby specifically required to enforce the provisions of this Ordinance, and shall have the right to enter any and all premises for the purpose of ascertaining as to the sanitary condition thereof, and any person denying or obstructing such entry shall be subject to the penalty herein provided.

Section 6. Any person, firm or corporation violating any of the provisions of this Ordinance shall be guilty of a misdemeanor, and upon conviction thereof shall be punished by a fine of not more than five hundred dollars, or by imprisonment in the County Jail for not more than six months, or by both such fine and imprisonment.

Section 7. This Ordinance shall take effect immediately.

REQUIRING METAL RECEPTACLES FOR GARBAGE.

Ordinance No. 379 (New Series).

Amending Ordinance No. 357 (New Series) by adding a new section thereto.

Section 1A. Every contractor or builder engaged in the erection or repair of a building is hereby required to provide a water-tight metal receptacle at or near such building being so erected or repaired, within which receptacle shall be deposited any refuse, food or garbage cast aside by the employees or workmen engaged on such building. Said receptacle shall be kept continuously closed by a close-fitting metal cover except at such times when opened for the deposit of such refuse, food or garbage.

Every employee or workman engaged in work upon said building or on the premises surrounding said building who consumes food on said premises is hereby required to deposit in such water-tight metal receptacle in the manner aforesaid all leavings of such food as may be unconsumed or rejected by him, and the casting aside on said premises or throwing about of unconsumed food or of any garbage is hereby expressly forbidden.

REGULATING THE CONSTRUCTION OF STABLES.

Ordinance No. 345 (New Series).

Section 1. It shall be unlawful for any person, firm or corporation hereafter to construct any building or premises to be used as a stable for horses or mules without first obtaining a permit from the Board of Supervisors and the Board of Health, specifying the name of permittee, and the location of building or premises to be used as a stable and the number of animals intended to be kept therein.

Section 2. It shall be unlawful for any person, firm or corporation to maintain as a stable for horses or mules any existing structure not used at the date of the passage of this Ordinance for stable purposes without first obtaining a permit from the Board of Supervisors and Board of Health, specifying the name of the permittee, the location of the building or premises to be used as such stable and the number of animals to be kept therein.

Construction of Floor and Side Walls.

Section 3. The floor of all buildings or premises hereafter constructed and intended to be used for the purpose of stabling horses or mules must be of concrete not less than three inches thick covered with a layer of cement or asphaltum not less than one-half inch thick.

Section 4. A semi-circular or V-shaped gutter drain shall be constructed at the time floor is put down in the rear of those portions or parts of the premises where stalls are to be constructed.

This gutter drain shall have a uniform thickness as is set forth in the construction of the floor of the stable and shall not be less than four inches inside measurement at the floor level, nor less than three inches in depth, with sufficient fall to carry off all liquid discharges from the stalls.

Section 5. In all buildings hereafter constructed for stable purposes the side walls or foundation of the structure shall be of concrete or brick laid in cement mortar not less than eight inches thick at the top and shall continue to a height of not less than one foot above the surrounding surface soil, and shall have no breaks or openings except where necessary for doors.

Section 6. Wash racks, when located within the stable, must be provided with surface drain to connect with sewer, provisions for same to be made before putting down the floor.

Section 7. Gutter drains in rear of stalls shall drain into sewer in such manner as to fully comply with provisions of Ordinance No. 1504 of the Board of Supervisors.

Section 8. Every person, firm or corporation now and hereafter maintaining any stable or other place in which manure or stable refuse accumulates shall provide a galvanized iron, tin, zinc or other metal-lined box or bin within the area walls of the stable; said box or bin shall be vented by means of a duct or flue not less than twelve inches square extending through the roof. The termination of said vent shall be carried above the roof of adjoining premises, and in no instance be less than ten feet from any window or light well.

Section 9. All manure or stable refuse must be removed from the stable at least semi-weekly, and at all times shall such stable or other place, and every part and appurtenance thereof, be kept in a clean and sanitary condition.

Section 10. No ventilators or windows which may be used as ventilators shall be constructed in the area walls of the stable if within ten feet of adjacent property lines, except by special consent of the Board of Health, which must appear on the face of stable permit.

Section 11. All stables must be ventilated by means of Louvre ventilators in the roof, or by openings in area walls where said walls are more than ten feet from adjacent property lines, except as provided in Section 10 hereof.

Section 12. Every stable or other place, where horses or mules are kept, must have not less than 1,000 cubic feet of air space in the clear for each and every animal kept therein.

Section 13. It shall be unlawful for any person, firm or corporation to use any stable or other place where animals are kept as a place of storage for fruits, vegetables, meats, milk or any other food stuffs.

Section 14. All feed excepting hay shall be kept in a metal lined bin or metal lined room, so constructed as to be rat-proof.

Section 15. The provisions of this Ordinance shall apply to all stables that shall hereafter be conducted in structures which are now existing but are not used for stable purposes at the date of the passage of this Ordinance.

Section 16. Any person, firm or corporation, or any servant, agent or employee of any person, firm or corporation, violating the provisions of this Ordinance shall be guilty of a misdemeanor, and upon conviction thereof shall be punished by a fine of not less than five (\$5.00) dollars nor more than five hundred (\$500.00) dollars, or by imprisonment in the County Jail for not less than six (6) months, or by both such fine and imprisonment.

PROVIDING SANITARY REGULATIONS.

Ordinance No. 369 (New Series).

Providing sanitary regulations for the protection of the public health in the City and County of San Francisco, and particularly to prevent the propagation and spread of the bubonic plague through the medium of rats.

Be it ordained by the People of the City and County of San Francisco, as follows:

Section 1. This ordinance is designed to and is enacted as a police and sanitary regulation for the protection of the public health, and particularly to prevent the propagation and spread of bubonic plague through the medium of rats.

Section 2. The Health Officer of the City and County of San Francisco, or any agent or inspector appointed by him or by the Board of Health for the purpose, shall have authority, after announcing the purpose of his visit, and shall be permitted to enter any building or premises, or any part thereof, in the City and County, between the hours of nine o'clock in the forenoon and five o'clock in the afternoon of any day, for the purpose of inspecting the same, and to ascertain whether the provisions of this Ordinance have been complied with by the owner and occupant thereof.

Section 3. All buildings and basement walls of all storerooms, warehouses, residences or other buildings within the City and County; all chicken yards or pens, chicken coops or houses, and all barns and stables, shall be so constructed or repaired as to prevent rats from being harbored underneath the same or within the walls thereof, and all food products or other products, goods, wares and merchandise liable to attract or to become infested or infected with rats, whether kept for sale or for any other purpose, shall be so protected as to prevent rats from gaining access thereto or coming in contact therewith. All storerooms, warehouses, residences or other buildings in said City and County shall be provided by the householder or his agent with one or more traps of a pattern approved by the Health Officer, which traps shall be freshly baited at least twice each week by the householder or his agent, and shall be inspected daily by the householder or his agent, and any rat or rats caught therein shall be killed and destroyed or delivered to the Health Department, or its duly authorized deputy, or killed and then destroyed by burning, and such trap or traps thoroughly smoked and reset and rebaited by said householder or his agent.

Section 4. All public and private docks and wharves in the City and County, wherever located, shall be so protected as to prevent rats from gaining entrance to such docks or wharves at either high or low tide from vessels anchored or moored alongside of such docks or wharves, or from other sources, and all food products stored in docks or wharves shall be so kept and stored as to prevent rats from gaining access thereto or coming in contact therewith. All docks and wharves shall be provided with two or more traps of a pattern approved by the Health Officer; traps shall be freshly baited at least twice each week, and shall be inspected daily, and all rats caught therein shall be killed and delivered to the Health Department, or its duly authorized deputy, or killed and then destroyed by burning, and such trap or traps shall be thoroughly smoked and reset and rebaited.

Section 5. All slaughterhouses of every kind and nature and wherever located in the City and County shall be so protected as to prevent rats from gaining access to the building or buildings thereof, and all holes and openings in the building or basement walls shall be thoroughly stopped with cement or other material approved by the Board of Health, and all food products stored in slaughterhouses shall be so kept as to prevent rats from coming in contact therewith.

All slaughterhouses shall have at least two traps, or as many more traps as may be required by the Board of Health of pattern approved by said Board, which traps shall be baited with fresh bait at least twice a week, and such traps shall be inspected daily by the owners, lessees or agents thereof, and all rats caught therein shall be killed and delivered to the Health Department, or its duly authorized deputy, or killed and then destroyed by burning, and the trap or traps thoroughly smoked and reset and rebaited by said owners, lessees or their agents.

Section 6. All buildings, places and premises whatsoever in the City and County shall at once be placed, and shall continuously be kept, by the owner or the occupant thereof in a clean and sanitary condition, and free from rats.

Section 7. No person, firm or corporation shall have or permit upon any premises owned, occupied or controlled by him or it, any nuisance detrimental

to health, or any accumulation of filth, garbage, decaying animal or vegetable matter, or any animal or human excrement; and it shall be the duty of the Health Officer of the City and County to cause any such person, firm or corporation to be notified to abolish, abate and remove such nuisance, and in case such person, firm or corporation shall fail, neglect or refuse to remove the same within one (1) day after receiving such notice, such nuisance may be removed and abated under and by order of the Health Officer, and the person, firm or corporation whose duty it was to abate or remove such nuisance, in addition to incurring penalties in this Ordinance provided, shall become indebted to the City and County for the costs and charges incurred by the City and County by reason of the existence and removal of such nuisance.

Section 8. No person, firm or corporation shall dump or place upon any land or in any water or waterway, within the City and County, any dead animals, butchers' offal, fish or parts of fish, or any waste vegetable or animal matter whatever.

Section 9. No person, firm or corporation, whether the owner, lessee, occupant or agent of any premises, shall keep or permit to be kept in any building, area way, or upon any premises, or in any alley, street or public place adjacent to any premises, any waste animal or vegetable matter, dead animals, butchers' offal, fish or parts of fish, swill or any refuse matter from any restaurant, eating place, residence, place of business or other building, unless the same be collected and kept in a tightly covered or closed metal can or vessel.

Section 10. No rubbish, waste or manure shall be placed, left, dumped or permitted to accumulate and remain in any building, place or premises in the City and County so that the same shall or may afford food or a harboring or breeding place for rats.

Section 11. Any person, firm or corporation violating or failing to comply with any of the provisions of this Ordinance shall be deemed guilty of a misdemeanor, and upon conviction thereof shall be punished by a fine in any sum not exceeding five hundred (\$500) dollars, or by imprisonment not exceeding six (6) months, or by both such fine and imprisonment. Each day's violation of any of the provisions of this Ordinance shall be construed as a separate and distinct offense.

CONCRETE FLOORS IN MARKETS.

Ordinance No. 368 (New Series).

Adding a new section to the "Building Law."

Section 268-B. All floors of buildings used as markets must be constructed of concrete or other fireproof material covered with a wearing surface of concrete; or if of wooden construction such floor must be covered with waterproof material, the same to be run up on the walls at least eight inches in height; over this waterproof material there shall be placed a wearing surface of concrete at least one and one-half inches in thickness, troweled to a smooth surface.

FLOORS IN YARDS, ETC.

Ordinance No. 382 (New Series).

Adding a new section to the "Building Law."

Section 314-A. All floors of yards, courts and passageways shall be of earth, sand, gravel, cinders or other similar material, or of concrete. No such floors shall be constructed of wood.

RAT-PROOFING BASEMENTS.

Ordinance No. 489 (New Series).

Adding a new section to the "Building Law."

Section 268-A. All buildings shall be made so as to be impervious as possible to the ingress of rats and other vermin. The foundation walls shall be of concrete or of brick or stone laid in cement mortar, or some equally rat-proof material, shall extend at least one foot above the surface soil, and shall be at least eight inches thick at the top; and where openings are necessary for ventilation or other purposes said openings must be made rat-proof by suitable metal screens. The full floor area under all buildings must be covered by concrete at least one and one-half inches thick, except where the surface of the soil is composed of hard pan or rock; provided, however, that outside of the following described district, buildings occupying a ground space of not more than 800 square feet need not comply with the foregoing provisions, provided that such buildings are elevated at least eighteen inches above the surface of the ground and the walls supporting the building are left open upon three sides and the space under such building exposed.

The district to which the foregoing exemption shall apply shall be all of that portion of the City and County not included within the following boundaries: Commencing at a point where Channel street intersects the waters of the Bay; thence along Channel street south to Division street, along Division street to Harrison street, along Harrison street to Army street, along Army street to Castro street, along Castro street to Seventeenth street, along Seventeenth street to Stanyan street, along Stanyan street to Fulton street, along Fulton street to Thirteenth avenue, along Thirteenth avenue to the Presidio wall, along the Presidio wall to Lyon street and along Lyon street to the waters of the Bay and along the waters of the Bay to the point of commencement.

REGULATING THE KEEPING OF ANIMALS AND FOWLS.

Ordinance No. 384 (New Series).

Regulating the keeping and feeding of live hares, rabbits, guinea pigs, chickens, turkeys, geese, ducks, doves, pigeons and other fowl.

Be it ordained by the People of the City and County of San Francisco as follows:

Section 1. It shall be unlawful for any person, firm or corporation to keep or feed, or cause to be kept or fed, or permit to be kept or fed, on premises over which such person, firm or corporation may have control, any live hares, rabbits, guinea pigs, chickens, turkeys, geese, ducks, doves, pigeons or other fowl within the limits of the City and County of San Francisco herein below designated unless the same are kept or fed in coops or enclosures complying with the following requirements, to wit:

(1) The floor of said coop or enclosure shall be of concrete not less than two (2) inches thick and covered either with a layer of cement not less than one-half an inch thick or asphalt not less than one inch thick.

(2) The said coop or enclosure shall be entirely surrounded by a brick or concrete wall at least five (5) inches in thickness and one foot high.

(3) The said coop or enclosure shall be entirely surrounded by a galvanized iron wire mesh fence, walls or sides extending at least six (6) feet above the ground, which mesh shall not be greater than one-half inch in size.

Provided, however, that said live hares, rabbits, guinea pigs, chickens, turkeys, geese, ducks, doves, pigeons or other fowl shall be permitted between

the hours of sunrise and sunset to run at large within the limits of the premises in which said coops or inclosures are maintained and provided, further, that said coops or inclosures shall be kept closed during the time that said live hares, rabbits, guinea pigs, chickens, turkeys, geese, doves, pigeons and other fowl are so running at large.

The portion of the city and county subject to the provisions of this Ordinance is bounded and described as follows, to-wit:

Commencing at a point where Lyon street meets the waters of the bay; thence southerly along Lyon street to the southerly boundary line of Presidio reservation; thence westerly along said boundary line to Sixteenth avenue; thence southerly on Sixteenth avenue to Fulton street (formerly D and Fulton streets); thence easterly on Fulton street to Stanyan street; thence southerly on Stanyan street to Frederick street; thence westerly on Frederick street to First avenue; thence southerly on First avenue to Parnassus avenue; thence in an easterly direction on Parnassus avenue to Stanyan street; thence along Stanyan street southerly to Thirtieth street; thence easterly along Thirtieth street to Castro street; thence southerly along Castro street to a point where, if extended southerly, it would intersect the corner of Mission street and Silver avenue; thence southerly along Mission street to Tingley street; thence along Tingley street to Alemany avenue; thence along Alemany avenue to Bauer street; thence along Bauer street to Mission street; thence southwesterly along Mission street to France avenue; thence along France avenue to Paris street; thence northeasterly along Paris street to Russia avenue; thence southeasterly along Russia avenue to Munich street; thence northeasterly along Munich street to Felton street; thence easterly along Felton street to Madison street; thence northwesterly along Madison street to Silver avenue; thence along Silver avenue in a westerly direction to Mission street; thence northeasterly along Mission street to Canal street; thence along Canal street to the southerly boundary of St. Mary's College tract; thence easterly and northerly along the southerly and easterly boundaries of said tract to Crescent avenue; thence along Crescent avenue to Andover avenue; thence northerly along Andover avenue to Cortland avenue; thence along Cortland avenue in an easterly direction to San Bruno avenue; thence following the line of San Bruno avenue to Islais creek, and the waters of the bay from Islais creek to Lyon street.

Section 2. It shall be unlawful for any person, firm or corporation to keep or feed live hares, rabbits, guinea pigs, chickens, turkeys, geese, doves, pigeons or other fowl in moveable or portable coops in premises which are not rat proof unless the said coops are constructed with a metal bottom and metal sides to a height of at least one foot, surmounted by a metal cage of one-half ($\frac{1}{2}$) inch wire mesh.

Section 3. Any person, firm or corporation violating the provisions of this Ordinance shall be guilty of a misdemeanor, and upon conviction thereof shall be punished by a fine of not more than five hundred dollars or by imprisonment in the County Jail for not more than six months, or by both such fine and imprisonment.

INSANITARY BUILDINGS DECLARED TO BE NUISANCES.

Ordinance No. 501. (New Series.)

Declaring insanitary building structures or parts thereof nuisances and providing for the abatement thereof.

Be it ordained by the People of the City and County of San Francisco as follows:

Section 1. All buildings, structures or parts thereof which are insanitary are hereby declared to be and are nuisances, and the Board of Health is hereby

authorized and empowered to abate the same in the manner provided in this Ordinance.

Section 2. Whenever the Health Officer of this City and County shall make written complaint to the Board of Health that any building, structure or part thereof is in an unsanitary condition, the Board of Health shall by formal resolution order a hearing of said complaint and fix the time and place therefor. The complaint shall contain general allegations setting forth the conditions complained of.

Section 3. Upon the filing of such complaint, the Board of Health shall cause a copy thereof, together with a notice of the time and place set for the hearing thereof, to be served personally upon the owner of said structure, building or part thereof complained of, or his agent or the lessee or the occupant thereof, and shall cause a copy of said complaint, together with said notice of hearing, to be posted in some conspicuous place on said structure. The time fixed for the hearing of said complaint shall not be less than forty-eight (48) hours after the service and posting of the copy of said complaint and said notice. Said notice shall require all persons interested to appear at the hearing to show cause, if any they have, why said structure, building or the part thereof complained of should not be declared insanitary.

Section 4. The Board of Health upon conclusion of said hearing shall decide upon the facts submitted whether or not said alleged condition constitutes a nuisance under the terms of this Ordinance, and shall embody said decision in a formal Resolution setting forth its findings.

Section 5. The Board of Health, upon its determination and finding that the structure, building or part thereof complained of, is a nuisance, shall order the vacation of same for all purposes, and shall cause a copy of said order to be posted in a conspicuous place on the aforesaid structure, building or part thereof determined by said Board to be a nuisance, and a copy thereof to be personally served upon the owner thereof or his agent, or the lessee or the occupant thereof. The order shall specify the time within which said structure, building or part thereof determined by said Board to be a nuisance shall be vacated, which shall be not less than forty-eight (48) hours after the passing of said order and the personal service thereof as above provided.

Section 6. The Health Officer shall give a written notification thereof to the Chief of Police, who shall thereupon, through the officers of the Police Department, execute and enforce the said order of vacation.

Section 7. Any owner, or the agent of such owner, or the lessee or the occupant of any structure, building or part thereof ordered vacated hereunder who shall himself or through others forcibly resist or prevent the enforcement of such order shall be guilty of a misdemeanor and upon conviction thereof shall be punished by a fine of not less than twenty-five dollars, nor more than two hundred and fifty dollars, or by imprisonment in the County Jail for a period of not less than ten days nor more than three months, or by both such fine and imprisonment.

Section 8. Unless within forty-eight (48) hours after the service of notice to vacate as above provided, the owner, or his agent, or the lessee, or the occupant of said building, structure or part thereof, shall notify the Board of Health in writing that he will make or cause to be made such alterations or repairs as in the judgment of the Board of Health shall be necessary for the purpose of making said building, structure or part thereof sanitary, the Board of Health shall proceed to abate the same. If said notice be given as aforesaid the Board of Health shall grant a reasonable time to make said alterations and repairs. If said alterations and repairs are not made and completed within said time allowed by said Board, the Board of Health shall by formal resolution order, and in accordance with said order, cause the

abatement of said nuisance and the destruction of said building, structure or part thereof, herein provided, found and determined to be a nuisance.

Section 9. The structure, building or part thereof vacated hereunder shall not be reoccupied without the written permission of the Board of Health, but such permission must be granted when within the time allowed as hereinbefore specified the alterations and repairs required to be made by the Board of Health shall have been made.

Section 10. Upon the written application therefor of the Board of Health the Board of Supervisors shall allow and order paid out of such fund as the Board of Supervisors may lawfully specify any sums the expenditure of which may be necessary for the enforcement of this Ordinance, and the Auditor shall audit and the Treasurer shall pay such sums so allowed and ordered paid, and the amount so expended shall become a lien upon the property upon which said nuisance was abated in accordance with the provisions of this Ordinance. And said amount may be recovered by an action against said property or the owner thereof.

Report of the Bureau of Sanitation

W. C. HASSLER, M. D.....Chief Sanitary Officer

I have the honor to submit herewith the following tabulated reports for the fiscal year 1907-08 of the various Bureaus under my supervision, and of the Chemical and Bacteriological Laboratory:

DIVISION OF SANITATION.

The work of this Division is the investigation and abatement of nuisances; inspection and quarantine of contagious diseases; vaccination of smallpox contacts and the supervising of fumigation of premises where contagious diseases have existed. The force regularly detailed to this work is as follows: Drs. H. L. Curtis, J. A. Kuykendall, F. C. Muller and G. D. Culver. From April 1st to June 30th of the year an additional inspector was detailed from the force engaged in the work of Special Sanitation and assigned to this Division. During the latter portions of the year all nuisance complaints were assigned to the field forces engaged in the suppression of plague.

DIVISION OF SANITARY DISINFECTION.

A marked increase in the work of this Division is shown over that of the fiscal year 1906-07, as will be shown by comparison of the tables submitted. The force of this Division consists of two inspectors, I. L. David and Thomas Kane.

DIVISION OF PLUMBING INSPECTION.

The work of this Division is performed by the following inspectors: T. J. Farrell, Chief Inspector, W. D. Hobro, Peter Mulligan, J. E. Sweeney, J. Robertson and T. A. Casserly, assistant inspectors. During the year, 2544 plans for new buildings were submitted, being 1,926 plans less than were submitted during the fiscal year 1906-07. The number of inspections on alterations and repairs, however, shows a material increase, the result no doubt of the campaign of special sanitation.

FOOD DIVISION.

This Division has two inspectors, T. P. Lydon and E. F. Murphy, whose work during the year has been practically confined to the collecting of samples of milk, water and food stuffs for Laboratory examination. These samples are taken from the different classes of business noted in the appended report. Much time was devoted by the inspectors to the prosecution of violators of the Screening Ordinance and Milk Laws.

DIVISION OF MARKET INSPECTION.

This Division consists of the following inspectors: Thos. McEnroe, J. Brown, John Regan, S. J. Campbell and W. H. Jordan. The number of inspections and the seizures and condemnations during the year demonstrates at a glance the inadequacy of the force to cope with the increasing amount of meats brought into the city. Credit is due the force for the energy displayed.

DAIRY AND MILK INSPECTION.

This Division consists of two inspectors, W. E. Lendrum and E. B. O'Connor, who report that during the year over twenty dairies having gone out of existence in San Francisco County, and that the number of dairies existing on June 30, 1908, is forty-nine, and that the total number of cows milked upon said dairies is 2,653.

The Laboratory reports appended are elaborate and self-explanatory, and show that a large amount of valuable work has been performed. Particular attention is directed to the report of the Chemist on the examination of evaporated and condensed milks, and the Board of Health by its efforts has eliminated from the San Francisco market all these milks below the standard required by law.

The following tables show the work performed by the various Divisions.

SANITARY INSPECTION

ANNUAL REPORT, DIVISION OF SANITARY INSPECTION.

	1907												1908											
	Totals												July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June												
Complaints unabated at last report	2036	83	103	298	274	179	262	240	311	221														
Complaints filed during month.....	3708	247	504	538	352	388	322	586	441	178														
Total.....	5744	330	607	836	626	567	584	776	752	399														
Complaints abated.....	2573	104	200	413	325	197	243	343	431	172														
No cause.....	340	15	37	62	36	33	41	48	38	14														
Referred to other departments.....	890	45	72	136	86	75	60	74	62	213†														
Unabated.....	1971	83	298	274	179	262	240	311	221															
Total.....	5744	330	607	836	626	567	584	776	752	399														
Number of first inspections.....	3718	190	454	533	367	465	322	487	468	166														
Number of re-inspections.....	5442	252	383	631	587	352	509	572	662	551														
Special inspections.....	4667	326	473	290	327	368	278	284	366	577														
Total number of inspections.....	13714	788	1302	1454	1281	1085	1109	1343	1496	1294														

† Turned over to Dr. Blue.

CONTAGIOUS DISEASES

CONTAGIOUS DISEASES.

	1907												1908					
	Totals												Jan.	Feb.	Mar.	April	May	June
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	Jan.	Feb.	Mar.	April	May	June
Quarantined.																		
Diphtheria.....	38	38	30	41	45	58	59	80	68	82	50	57						
Scarlet fever.....	9	4	17	13	17	8	17	24	32	33	29	23						
Smallpox.....	11	11	6	15	7	38	38	22	55	38	29	28						
Bubonic plague.....	13	13	*	*	*	*	*	*	*	*	*	*						
Investigated.																		
Cerebro spinal meningitis.....	11	5	6	3	7	6	8	6	6	9	9	2						
Measles.....	60	59	7	5	10	13	21	68	121	167	191	188						
Typhoid fever.....	48	37	39	63	46	36	21	5	12	9	12	35						
Whooping cough.....	57	18	5	4	2	4	2	3	3	4	5	7						
Mumps.....	56	4	1	1	1	1	3	3	14	14	5	10						
Varicella.....	248	10	2	6	5	29	46	22	28	29	28	33						
Erysipelas.....	11	2	10	2	1	29	46	22	28	29	28	33						
Trachoma.....	1	1								3	1	2						
Rotheln.....	15									2	1	2						
Quarantine inspections.....	212	175	119	150	143	189	215	244	369	390	369	385						

* Inspected by Federal Inspectors. See Report of Contagious Diseases.

CONTAGIOUS DISEASES

ANNUAL REPORT, CONTAGIOUS DISEASES.

	1907							1908					
	Totals							Jan.	Feb.	Mar.	April	May	June
	July	Aug.	Sept.	Oct.	Nov.	Dec.							
Bubonic plague.....	158	14	55	34	40	10	4	1	6	9	9	2	
Cerebro spinal meningitis.....	78	5	6	3	7	6	8	6					
Diphtheria.....	664	38	30	41	45	58	59	89	68	82	59	57	
Erysipelas.....	12	1		2	1	1				3		2	
Farcy.....	5				1					2			
Glanders.....	64	9	9	4	1	3		1	15	7	10		
Measles.....	910	59	7	5	10	13	21	68	121	107	191	188	
Parotitis.....	56	4	1	1	1	1	3	3	14	14	5	10	
Pertussis.....	57	5	4	2	4	2	2	3	3	4	5	7	
Pneumonia.....	338	18	17	20	27	45	49	46	28	18	26	18	
Rotheln.....	18	1						2	10	2	3		
Scarlet fever.....	246	9	17	13	17	8	17	24	52	33	29	23	
Smallpox.....	298	11	6	15	7	38	38	22	55	38	29	28	
Tuberculosis.....	765	27	48	69	62	66	83	90	69	57	92	50	
Typhoid fever.....	863	48	37	63	46	36	21	5	12	9	12	35	
Varicella.....	248	10	10	6	5	29	46	22	28	29	28	33	
Trachoma.....	1	1											
Beri Beri.....	1										1		
Totals.....	4182	257	248	277	274	314	351	388	482	474	499	453	

SANITARY DISINFECTION

517

ANNUAL REPORT, DIVISION OF SANITARY DISINFECTION.*

	1908												
	1907						1908						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	
Totals													
DISINFECTIONS.													
Diphtheria	27	37	51	32	29	46	42	52	68	70	54	54	
Scarlet fever	14	6	8	16	10	16	7	18	33	38	29	24	
Smallpox	7	5	7	15	6	30	38	20	43	36	23	27	
Phthisis	16	23	19	36	29	39	42	45	35	26	41	22	
Bubonic plague	2	5	87	22	2	7	4	6	2	9	1	2	
Cerebro Spinal Meningitis	2	2	3	2	4	2	4	6	12	6	4	1	
Typhoid fever	9	7	7	4	4	3	4	6	3	2	7	4	
Glanders	2	2	2	5	1	3	4	3	3	2	7	4	
Other causes													
Total	77	87	164	132	87	143	137	150	196	187	159	131	
MATERIALS USED.													
Number of rooms fumigated	145	190	314	256	159	295	305	269	392	381	359	303	
Total No. cubic feet disinfected	4,377,950	190,000	3,384,470	348,120	172,320	609,150	363,850	298,750	572,000	439,650	423,690	101,850	
Formalin (oz.)	37105	2082	1812	2286	1696	3280	3626	3086	4820	4783	3892	3960	
Sulphur (lbs.)	5631	162	1142	749	194	411	458	224	611	432	491	533	
Crude carbolic acid (oz.)	3486	416	124	124	128	192	384	384	674	352	384	128	

* Contagious diseases developing in hospitals not fumigated by this department.

ANNUAL REPORT, DIVISION OF PLUMBING INSPECTION.

	1907												1908				
	Totals																
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June					
Inspections Made.																	
Construction.																	
Inspections in construction.....	1097	936	805	1116	1000	1000	1021	766	872	817	576	789					
Inspections on completion.....	471	393	344	463	448	518	532	378	376	823	224	321					
Inspections on work granted by permit.....	89	82	47	57	89	108	95	112	171	105	34	73					
Total.....	1657	1411	1196	1636	1537	1626	1648	1256	1419	1245	834	1183					
Sewers.																	
Number inspected.....	9254	723	543	611	918	924	859	741	863	776	576	789					
Cast iron (feet).....	830267	74060	61020	80840	73184	76380	69720	66150	72880	55500	52400	64095					
Iron stone (feet).....	350900	29300	25060	32330	28780	29880	37160	26240	29880	32160	23250	29450					
Number curb traps.....	4920	498	346	459	450	514	550	384	380	324	222	319					
Nuisances.																	
Inspections.																	
Number first inspection.....	2738	150	246	265	243	153	209	340	286	268	199	277					
Re-inspections.....	1580	91	137	119	151	123	126	166	269	195	54	159					
Total.....	4318	241	383	384	394	276	335	506	495	463	253	436					
Summary.																	
Unabated at last report.....	1113	21	50	106	142	102	80	65	117	157	116	108					
Received during month.....	3080	160	284	286	295	178	275	417	287	299	220	277					
Total.....	4179	181	334	392	437	270	355	482	404	456	336	385					
Abated.....	2494	127	185	250	272	189	156	301	288	271	209	171					
Referred to other departments.....	280	3	30	39	39	1	99	52	13	8	2	7					
No cause.....	191	1	13	24	24	35	35	15	15	12	7	59					
Remaining unabated.....	1219	21	106	142	102	80	65	114	108	165	118	148					

Notices.		2639	111	98	214	236	199	148	200	316	338	299	183	277
First notices served.....		1977	115	123	185	96	203	158	186	249	224	208	73	67
Last notices served.....														
Total.....		4616	226	221	399	332	402	306	386	565	582	597	256	344
New Fixtures Installed in Old Buildings.														
Water closets	805	38	33	33	33	50	55	46	51	141	141	117	81	109
Basins	435	21	17	14	14	48	26	13	43	36	43	49	86	39
Bath Tubs	385	18	26	13	15	15	17	17	23	43	86	34	35	58
Sinks	505	27	20	21	36	36	26	28	34	63	69	55	51	75
Wash trays	246	15	12	5	13	13	9	7	11	37	45	21	22	46
Urinals	41	3	1	2	3	3	5		4	3	4	9	6	4
Stop hoppers	327	10	19	9	9	22	15	23	16	46	57	45	29	36
Cesspools	81		1		2				3		42	8	7	18
Sewers	129	2	6				4		18	18	30	20	11	20
Traps near curbs	87	6	6	6	6	3	5	12	18	20			11	

Plans submitted, 2544.

Buildings visited, 2833.

INDUSTRIAL INSPECTION

ANNUAL REPORT, DIVISION OF INDUSTRIAL INSPECTION

	Total Number of Inspections Made	No. of Premises found Sanitary..	No. Found In-sanitary.....	Complaints Refer'd to Plumbing and Other Depts.....	First Notice Given to Abate.....	Last Notice Given to Abate.....	Premises Re-inspected. Com-plaints.....	Work Progressing; Partially Abated	Nuisances Abated..	Nuisances Unabated
Bakeshops.....	570	494	76	6	33	37	81		44	37
Bath Houses.....	21	19	2		2		2			2
Box Factories.....	28	22	4		1	3	7		4	3
Candy Factories.....	76	56	20	10	3	3	16		9	3
Cigar Factories.....	36	31	5		2	3	5		2	3
Garment and Shoe Factories.....	35	28	7		3	4	6		2	4
General Merchandise.....	9	6	3		2	1	3		2	1
Laundries.....	294	247	47	3	23	21	47		26	21
Lodging Houses.....	3	2	1		1		2			
Meat and Fruit Markets.....	45	36	9		6	3	10		17	3
Restaurants.....	251	215	36	4	16	16	46		30	16
Stables (see following page).....										
Total.....	1368	1158	210	23	92	95	225		128	97

Continued on following page.

STABLE INSPECTION

ANNUAL REPORT, DIVISION OF STABLE INSPECTION.—Continued.

	1907												1908					
	Totals												Jan.	Feb.	Mar.	April	May	June
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	Jan.	Feb.	Mar.	April	May	June
Inspections Made.																		
Total inspections.....	4082	213	173	33	136	331	819	311	619	532	404	491						
Re-inspections.....	2794	72	111	22	24	84	539	200	463	333	332	444						
First inspections.....	1303	141	61	11	132	247	250	67	156	139	52	47						
Found sanitary on first inspection.....	110				6	45	21	9	23	6								
Found insanitary on first inspection.....	1274				126	202	523	58	133	133	52	47						
Notices Served.																		
On first inspection.....	906				126	226	180	32	132	111	52	47						
On re-inspection.....	457				24	18	80	222	20	20	5	8						
Total.....	1363				150	324	260	254	152	111	57	55						

For Results Obtained and Arrests, see Board Actions, pages 532-533.

DAIRY INSPECTION

ANNUAL REPORT, DIVISION OF DAIRY INSPECTION.

	1907												1908				
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June					
Totals	71	76	95	60	79	104	54	64	77	107	93	114					
Dairies inspected.....	223	176	174	181	208	196	164	157	201	222	164	238					
Dairy depots inspected.....	294	252	269	241	287	300	218	221	278	329	257	352					
Total.....	4809	5547	6727	4208	6403	7385	3771	4226	5532	6079	6063	8723					
Cows inspected.....	13	18	18	9	11	14	23	5	11	12	13	8					
Cows placed under quarantine.....	7	7	6	5	10	7	6	4	3	6	5	4					
Cows condemned and killed.....	1	1	2	2	1	1	100	81	1	162	106	126					
Horses condemned.....	60	89	101	101	135	124	100	81	69	162	106	126					
Milk cans condemned.....					2	10			28	89	36	9					
Samples of water submitted.....																	

Total number of Dairies located in San Francisco County on July 1, 1907, 69.

Total number of Dairies located in San Francisco County on June 30, 1908, 49.

MILK INSPECTION

523

ANNUAL REPORT, DIVISION OF MILK INSPECTION.

	SAMPLES TAKEN FROM										ARRESTS MADE			
	Total	Milk Wagons	Depots and Dairies	R. R. Depots and Wharves	Graineries	Delicacy Stores	Hotels and Rests.	Bakeries	Mss.	Total Arrests	Convictions	Fines Imposed	Dismissals	Cases Pending June 30
1907.														
July.....	99	5	14	80					1	25	14	\$155	11	
August.....	13		12							6	5	95	1	
September.....	165	83	7	75						3	3	80		
October.....	145	25	42	76					2	11	10	115	1	
November.....	154	63	11	80						1	1	10		
December.....										26	15	240	11	
1908.														
January.....	259	154	21	84						57	29	700	28	
February.....	129	104	25							34	19	375	15	
March.....	191	158	33							24	20	565	4	
April.....	273	142	35	95					1	18	14	335	4	
May.....	203	45	16		4		138			45	38	781	7	
June.....	233	110	7	176						36	28	635	4	4
Grand Totals.....	1,924	889	223	646	4		138		4	286	196	\$4086	86	4

ANNUAL REPORT, DIVISION OF FOOD INSPECTION.

	Total	1907							1908				
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June
		Bakeries.....	86	4	5	504	54	1	193	272	1	69	32
Candy Factories and Store.....	11	210	315	561	263	561	109	272	249	69	233		
Commission Houses.....	3945	123	283	884	519	283	109	85	6	66	22		
Delicatessen Stores.....	95	4	27	11	22	14	2	5	45	37	57		
Fruit Stores.....	2778	16	4	11	22	14	4	2	95	37	77		
Fish Markets.....	101	399	4	4	3	4	4	5	2	2	2		
Grocery Stores.....	320	4	10	4	4	215	24	26	17	331	17		
Hotels and Restaurants.....	670	1	1	1	1	215	24	26	17	331	17		
Milk Depots.....	19	5	6	12	37	16	4	2	2	10	18		
Peddler Wagons.....	197	94	1	1	1	21	11	5	3	1	4		
Pickel Works.....	47	6	8	23	3	3	4	2	6	2	60		
Poultry Stores.....	109	665	655	1448	924	1127	347	395	405	516	379		
Butchershops.....		665	655	1448	924	1127	347	395	405	516	379		
Wharves.....		6	8	23	3	3	4	2	6	2	6		
Miscellaneous.....													
Grand Total	8444	864	665	655	1448	924	1127	347	395	405	516	379	719

ANNUAL REPORT, DIVISION OF FOOD INSPECTION.—Continued.
 CONDEMNATIONS AND SEIZURES.

FOOD INSPECTION

525

	Total	1907						1908							
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June		
Fruit.															
Apples, boxes.....	156		46	118											
Cranberries, bbls.....	46														
Currants, boxes.....	1														
Dates, cases.....	113														
Figs, boxes.....	170				15										
Grapes, boxes.....	5				5										
Grapes, crates.....	12				124										
Limes, cases.....	124				18										
Limes, number.....	18				1										
Melons, number.....	17		16												
Nutmeg melons, boxes.....	5														
Nutmeg melons, crates.....	5														
Peaches, boxes.....	16		1	1											
Pears, boxes.....	2		1		76										
Pears, crates.....	76														
Plums, boxes.....	79		1	1					1						
Plums, number.....	4														
Strawberries, boxes.....	16														
Apricots, boxes.....	16														
Loganberries, drawers.....	7														
Vegetables and Cereals															
Alligator pears, number.....	72														
Sweet potatoes, crates.....	9				9										
Tomatoes, boxes.....	21				21										
Wheat, lbs.....	175										175				
Poultry and Game															
Chicken, number.....	32			3											
Ducks, number.....	16														
Pigeons.....	18														
Meats and Fish															
Codfish, lbs.....	65			25											
Ham, lbs.....	12														

* Rhubarb.

MARKET INSPECTION

ANNUAL REPORT, DIVISION OF MARKET INSPECTION.
INSPECTIONS MADE.

	Abattoirs..	Markets....	Wharves...	R.R.Depots	Commis- sion Houses	Chinatown	Total	Fish (lbs.)	Beeves.....	Calves.....	Hogs.....	Sheep.....	Lambs.....	Poultry.....
1907.														
July.....	1,170	942	364	107	368	192	3,143	1,100,000	14,844	8,087	19,043	28,008	31,967	169,460
August.....	1,109	905	459	104	389	169	3,195	1,450,000	16,784	7,143	20,738	35,906	51,960	564,630
September.....	1,046	815	230	88	368	168	2,715	1,330,000	13,195	5,313	20,739	21,247	41,681	413,020
October.....	1,217	903	270	89	420	169	3,068	415,000	14,020	8,063	22,326	24,380	45,151	478,150
November.....	1,053	737	250	71	391	144	2,646	1,285,000	14,495	6,803	21,373	34,728	35,523	870,200
December.....	1,065	963	501	97	100	406	3,072	257,000	18,879	10,497	14,291	28,990	33,634	1,233,000
1908.														
January.....	1,057	828	586	137	170	485	5,243	175,000	13,631	9,616	22,274	28,392	23,567	539,750
February.....	985	803	387	101	109	589	3,014	390,000	12,550	8,026	22,316	26,198	15,764	342,810
March.....	925	963	451	113	150	700	3,392	285,000	13,332	11,157	21,335	18,323	17,007	296,715
April.....	939	1,028	512	116	162	700	3,437	455,000	12,653	9,113	22,015	22,740	27,614	399,295
May.....	857	871	451	106	135	526	2,946	416,000	13,649	8,994	19,110	29,051	29,211	271,230
June.....	906	942	523	96	360	715	3,542	217,000	16,236	8,291	18,488	21,632	37,257	324,200
Totals.....	12,250	10,730	4,984	1,225	3,122	4,963	37,283	7,745,000	174,268	101,103	244,048	309,965	388,836	5,852,480

DIVISION OF MARKET INSPECTION.—Continued.
 CATTLE SLAUGHTERED FOR HUMAN CONSUMPTION.

Month	Source of Supply	Totals	Beeves	Calves	Sheep	Lambs	Hogs
1907.							
July.....	{ Butchertown.....	48,853	7,236	3,040	13,505	15,281	9,791
	{ Outside of City....	28,035	4,723	3,556	8,556	8,931	2,269
August.....	{ Butchertown.....	56,229	7,396	2,728	12,474	23,839	9,792
	{ Outside of City....	27,306	4,585	2,621	9,139	8,501	2,460
September.....	{ Butchertown.....	54,487	7,973	2,264	12,760	21,093	10,397
	{ Outside of City....	25,812	3,843	3,519	7,361	7,969	3,120
October.....	{ Butchertown.....	56,087	7,907	2,694	13,340	22,748	9,398
	{ Outside of City....	34,009	4,338	10,149	9,961	6,018	3,543
November.....	{ Butchertown.....	53,630	8,435	2,449	17,633	16,069	9,044
	{ Outside of City....	28,354	4,114	4,934	7,650	8,710	2,946
December.....	{ Butchertown.....	45,787	8,331	2,852	13,233	15,248	6,123
	{ Outside of City....	18,520	3,498	3,120	4,064	6,223	1,615
1908.							
January.....	{ Butchertown.....	50,129	7,768	3,260	15,926	13,131	10,044
	{ Outside of City....	19,906	3,981	3,685	4,859	5,098	2,283
February.....	{ Butchertown.....	47,161	7,808	1,705	16,420	9,723	11,505
	{ Outside of City....	18,490	4,282	3,817	5,057	2,989	2,345
March.....	{ Butchertown.....	44,439	7,691	2,233	14,989	9,376	10,250
	{ Outside of City....	20,483	4,078	6,747	3,748	3,425	2,485
April.....	{ Butchertown.....	57,404	7,914	1,840	16,760	19,850	11,040
	{ Outside of City....	21,066	3,535	5,077	4,332	5,807	2,315
May.....	{ Butchertown.....	60,817	8,347	2,854	17,588	19,618	12,410
	{ Outside of City....	22,662	4,460	4,566	4,976	6,365	2,295
June.....	{ Butchertown.....	53,578	7,673	2,482	12,756	21,389	9,278
	{ Outside of City....	20,426	3,886	4,651	3,813	6,137	1,939
Totals.....	{ Butchertown.....	628,601	94,479	30,401	177,284	207,365	119,072
	{ Outside of City....	285,069	49,323	56,442	73,516	76,173	29,615
Grand Totals.....		913,670	143,802	86,843	250,800	283,538	148,687

ARRESTS MADE

531

DEC.	Convicted.....	39																	7
	Fines, \$.....	415																	125
	Dismissed.....	43																	11
JAN.	Pending.....		6																
	Convicted.....	48	2																24
	Fines, \$.....	880	15																645
FEB.	Dismissed.....	42	2																21
	Pending.....																		
	Convicted.....	45	2																11
MAR.	Fines, \$.....	780	15																235
	Dismissed.....	43																	6
	Pending.....																		9
MAR.	Convicted.....	32	1																2
	Fines, \$.....	795	5																185
	Dismissed.....	54																	3
APR.	Pending.....	1																	1
	Convicted.....	18																	4
	Fines, \$.....	375																	10
MAY	Dismissed.....	16																	235
	Pending.....	2																	3
	Convicted.....	36																	1
MAY	Fines, \$.....	791																	61
	Dismissed.....	10																	5
	Pending.....	1																	2
JUNE	Convicted.....	39																	4
	Fines, \$.....	791																	730
	Dismissed.....	10																	2
JUNE	Pending.....	1																	2
	Convicted.....	28																	28
	Fines, \$.....	635																	635
JUNE	Dismissed.....	7																	4
	Pending.....	10																	4
	Convicted.....	45																	1
GRAND TOTAL	Fines, \$.....	336	6	23															119
	Dismissed.....	581	40	235															2640
	Pending.....	329	12	59	1														42
		14																	4
		679																	23
																			545
																			86
																			8

* Ordinance 345 (Stable).

BOARD ACTIONS

February.....	57	74	{ Stable..... Dwelling..... Miscellaneous.....	26	8	10	8	4	1	28	28	12	\$275	4	12
March.....	39	144	{ Stable..... Dwelling..... Miscellaneous.....	80	56	11	13	15	3	12	19	31	3	20	8
April.....	75	108	{ Stable..... Dwelling..... Miscellaneous.....	57	27	15	15	20	3	8	10	18	1	9	8
May.....	38	80	{ Stable..... Dwelling..... Miscellaneous.....	46	25	10	11	5	1	5	5	13	3	3	10
June.....	47	79	{ Stable..... Dwelling..... Miscellaneous.....	11	6	2	3	16	2	10	2	12	4	4	3
Total.....	512	795	{ Stable..... Dwelling..... Miscellaneous.....	275	142	59	74	72	6	38	65	103	16	\$375	46
Grand Total.....	512			331				154	27						
								181							

Chemical Laboratory

San Francisco, California, July 6, 1908.

I have the honor to submit herewith a report of the number and character of the analyses made and the work done in the Chemical Laboratory during the fiscal year ending June 30, 1908, tabulated as follows:

Milk.....	1,859	Samples
Cream	87	“
Condensed Milk.....	72	“
Dried Egg and Egg Substitutes.....	8	“
Sulphur.....	2	“
Butter.....	2	“
Nitro Glycerine.....	4	“
Flavoring Extracts	8	“
Olive Oils.....	6	“
Whiskeys	8	“
Wines	11	“
Vinegar.....	1	“
Water.....	189	“
	2,257	“
Total.....		

The Laboratory force consists of C. W. Beaver, Chief Chemist, and Chester F. Hoyt, Assistant Chemist.

MILK

Eighteen hundred and fifty-nine samples of milk were analyzed during the fiscal year. 396 samples were found below the requirements of the law; 117 samples were found to contain less than 3 per cent and more than 2 per cent of butter fat; 21 samples were found to contain less than 2 per cent of butter fat; 396 samples were found to contain less than 12 per cent total solids; 141 samples were found to be diluted with water and one sample was found to be artificially colored with a coal tar dye.

The methods employed in the analysis of milk are those recommended by the Association of Official Agricultural Chemists. The fats are determined by the Babcock centrifugal method. The addition of water is detected by measuring the refractive index of the milk serum by means of the Zeiss Immersion Refractometer. Total solids are determined gravimetrically on all samples having a refractometer reading less than 40 or a fat content below the requirements of the law.

The facilities of the laboratory will not allow of the determination of total solids on all samples.

All samples are tested for preservatives and artificial colors. During the year not a single sample was found containing a preservative.

The following table shows the number of samples analyzed each month, the number and percentage below standard, the number of cases in court, fines imposed, etc.

Arrests are recommended as a matter of course if the sample is found to be 0.3 per cent below the law in butter fats or 0.4 per cent below the law in solids, and is recommended if the shortage is less than the above when the previous record of the vendor is bad.

The present legal standard for milk is not less than 3 per cent butter fats and not less than 8.5 per cent solids not fat. The Chemist appears as a witness in all prosecutions.

TABULATED RESULTS OF MILK ANALYSES.

MONTH.	No. of analyses.....	No. below standard	No. below 3% and above 2% fat.....	No. below 2% fat	No. below 12% solids	No. diluted with water	Per cent below standard.....	Per cent diluted with water.....	Cases in Court.....	Convictions	Dismissals	Carried over	Total fines.....	Average fine.....
1907.														
July.....	107	17	2	1	10	5	15.9	4.67	11	6	5	0	\$120	\$20 00
August.....	14	5	0	1	3	0	35.7							
September.....	000													
October.....	165	22	5	0	31	19	12.6	10.86	19	14	5	0	280	12 86
November.....	117	10	3	0	17	5	8.5	4.27	9	0	7	2		
December.....	154	16	4	0	22	7	10.3	4.55	16	10	2	4	130	13 00
1908.														
January.....	259	69	12	1	82	31	26.6	11.96	42	25	3	14	630	25 20
February.....	134	14	6	0	35	1	14.4	7.75	48	15	22	11	250	16 67
March.....	191	46	8	1	33	12	25.2	6.28	37	28	5	4	720	25 71
April.....	235	42	13	0	29	10	17.8	4.26	16	13	0	3	370	28 46
May.....	189	114	56	17	98	42	60.3	22.2	54	41	6	7	845	20 61
June.....	294	41	8	0	36	9	13.9	3.06	44	31	9	4	710	22 90
Totals.....	1859	396	117	21	396	141			*296	183	64	49	\$4055	

* 296 less 49 carried over, which are counted twice, equals 247 cases in court. Average fine, \$22.15.

CREAM.

Eighty-seven samples of cream were examined. All samples were found to be far above the requirements of the law as to butter fats. (18%.) All samples were examined for thickening agents, none were found. Seven samples were found to be preserved with a boron compound.

CONDENSED MILK.

Seventy-two samples of condensed milk, representing twenty-eight different brands, were purchased and analyzed. Fifteen samples were sweetened and fifty-seven samples were unsweetened.

Of the sweetened condensed milks, none were found to be below the requirements of the law, i. e., 28% of milk solids, and 7.7% of butter fat.

Of the unsweetened milks, thirty samples were found to be below the standard for butter fat, ranging from 0.1% to 4.63% low; thirty-seven samples were found to be below standard in milk solids, ranging from 0.12% to 10.2% low. Ten samples were found to be mislabeled; four samples were found to be in such condition that a fair analysis was not possible; eleven samples were found to come up to the requirements of the law.

The analyses were not confined to a single representative of each brand for the reason that considerable variation occurs in different lots of the same brand.

In the collection of these samples, an effort was made to secure samples of all brands of condensed milk offered for sale in the city.

The methods employed in the analysis are those recommended by the Association of Official Agricultural Chemists. All of the unsweetened milks were analyzed in duplicate and were tested for preservatives, none of which were found.

Following are the analytical results:

TABLE OF ANALYSES OF UNSWEETENED CONDENSED MILKS.

Brand.	Manufacturer.	Butter Fats.	Milk Solids.
Alpine.....	Alpine Evaporated Cream Co., Hollister, Cal.....	7.50	26.18
Alpine.....	Alpine Evaporated Cream Co., Hollister, Cal.....	7.17	25.79
Alpine.....	Alpine Evaporated Cream Co., Hollister, Cal.....	6.53	24.60
Blue and Gold Cream.....	Not given on label.....	3.07	19.61
Breakfast Milk.....	Helvetia Milk Condensing Co., Highland, Ill.....	8.70	27.56
Breakfast Milk.....	Helvetia Milk Condensing Co., Highland, Ill.....	8.70	27.59
Buttercup.....	The Cold Brook Creameries, Loleta, Cal.....	7.20	23.66
Buttercup.....	The Cold Brook Creameries, Loleta, Cal.....	7.22	23.66
California Poppy.....	The Cold Brook Creameries, Loleta, Cal.....	5.38	20.51
Carnation.....	Pacific Coast Con. Milk Co., Seattle, Wash.....		
Carnation.....	Pacific Coast Con. Milk Co., Seattle, Wash.....	7.58	25.31
Carnation.....	Pacific Coast Con. Milk Co., Seattle, Wash.....	7.76	25.11
Carnation.....	Pacific Coast Con. Milk Co., Seattle, Wash.....	7.30	25.43
Columbia.....	Not given on label.....	7.80	26.72
Columbia.....	Not given on label.....	8.24	27.04
Columbian.....	Borden's Condensed Milk Co., New York.....	9.30	33.82
Daffodil.....	The Cold Brook Creameries, Loleta, Cal.....	5.10	24.28
Daffodil.....	The Cold Brook Creameries, Loleta, Cal.....	6.91	25.98
Daffodil.....	The Cold Brook Creameries, Loleta, Cal.....	6.27	24.86
Diamond Cream.....	Not given on label.....	3.90	19.14
Diamond Cream.....	Not given on label.....	3.20	17.80
Diamond Cream.....	Not given on label.....	3.97	19.19
Elk's Head Cream.....	Not given on label.....		
Elk's Head Cream.....	Not given on label.....	4.35	20.52
Highland.....	Helvetia Milk Condensing Co., Highland, Ill.....	7.20	26.69
Highland.....	Helvetia Milk Condensing Co., Highland, Ill.....	8.32	30.77
Highland.....	Helvetia Milk Condensing Co., Highland, Ill.....	7.42	27.02
Honeysuckle.....	Cache Valley Condensed Milk and Creamery Co., Logan, Utah.....	7.80	28.13
Honeysuckle.....	Cache Valley Condensed Milk and Creamery Co., Logan, Utah.....	7.17	27.50
Honeysuckle.....	Cache Valley Condensed Milk and Creamery Co., Logan, Utah.....	7.42	27.38
Isleton.....	Western Creameries Co., Benicia, Cal.....	7.20	26.57
Isleton.....	Western Creameries Co., Benicia, Cal.....	7.70	28.97
Isleton.....	Western Creameries Co., Benicia, Cal.....	7.68	29.32
Jersey.....	The Condensed Milk Co., of Cal., S. F., Cal.....	7.54	26.18
Jersey.....	The Condensed Milk Co., of Cal., S. F., Cal.....	7.94	26.54
Jersey.....	The Condensed Milk Co., of Cal., S. F., Cal.....	8.19	26.73
Lily.....	Pacific Creamery Co., Los Angeles, Cal.....	7.20	26.80
Lily.....	Pacific Creamery Co., Los Angeles, Cal.....	7.90	27.22
Lily.....	Pacific Creamery Co., Los Angeles, Cal.....	7.68	26.79
Our Pet.....	Helvetia Milk Condensing Co., Highland, Ill.....	7.80	29.97
Our Pet.....	Helvetia Milk Condensing Co., Highland, Ill.....	7.17	27.88
Our Pet.....	Helvetia Milk Condensing Co., Highland, Ill.....	7.42	29.12
Pioneer.....	Borden's Condensed Milk Co., New York.....	7.80	28.80
Pioneer.....	Borden's Condensed Milk Co., New York.....	7.17	29.07
Pioneer.....	Borden's Condensed Milk Co., New York.....	7.74	29.55
Sanipure.....	Sanipure Food Co., Seattle, Wash.....		
Sanipure.....	Sanipure Food Co., Seattle, Wash.....		
Sanipure.....	Pac. Coast Con. Milk Co., Seattle, Wash.....	9.75	35.07
Silver Cow.....	St. Charles Condensing Co., St. Charles, Ill.....	8.10	31.16
Silver Cow.....	St. Charles Condensing Co., St. Charles, Ill.....	9.34	31.51
Silver Cow.....	St. Charles Condensing Co., St. Charles, Ill.....	9.22	31.70
St. Charles.....	St. Charles Condensing Co., St. Charles, Ill.....	7.50	28.58
St. Charles.....	St. Charles Condensing Co., St. Charles, Ill.....	9.21	32.19
St. Charles.....	St. Charles Condensing Co., St. Charles, Ill.....	7.94	27.44
Sunrise.....	Coos Bay Con'd. Milk Co., North Bend, Ore.....	6.60	22.94
Sunrise.....	Coos Bay Con'd. Milk Co., North Bend, Ore.....	6.40	21.38
Sunrise.....	Coos Bay Con'd. Milk Co., North Bend, Ore.....	6.00	21.90

TABLE OF ANALYSES OF SWEETENED CONDENSED MILKS.

Brand.	Manufacturer.	Total Solids.	Milk Solids.	Butter		Ash.	Proteids.	Lactose.	Sucrose.
				Fat.					
Challenge.....	Borden's Condensed Milk Co., New York.....	74.53	30.33	8.1	1.62	8.64	11.97	44.2	
Challenge.....	Borden's Condensed Milk Co., New York.....	72.66	29.04	8.4	1.48	7.21	11.95	43.62	
Challenge.....	Borden's Condensed Milk Co., New York.....	73.57	29.79	8.1	1.58	8.12	11.99	43.78	
Eagle.....	Borden's Condensed Milk Co., New York.....	76.37	31.61	8.1	1.6	9.58	12.33	44.86	
Eagle.....	Borden's Condensed Milk Co., New York.....	76.58	30.81	7.8	1.63	9.06	12.32	45.77	
Eagle.....	Borden's Condensed Milk Co., New York.....	76.44	30.97	8.7	1.65	7.80	12.82	45.47	
Red Cross.....	Mohawk Con'd Milk Co., Rochester, N. Y.....	76.18	30.22	8.85	1.57	7.95	11.85	45.96	
Red Cross.....	Mohawk Con'd Milk Co., Rochester, N. Y.....	76.99	32.78	9.00	1.83	9.76	12.19	44.21	
Rose.....	Borden's Condensed Milk Co., New York.....	74.15	31.19	8.1	1.61	9.33	12.15	42.96	
Rose.....	Borden's Condensed Milk Co., New York.....	73.36	29.88	7.8	1.63	8.66	11.79	43.48	
Rose.....	Borden's Condensed Milk Co., New York.....	73.23	28.87	7.8	1.54	7.89	11.64	44.36	
Sweet Clover.....	Mohawk Con'd Milk Co., Rochester, N. Y.....	77.19	28.44	8.55	1.73	5.26	12.90	48.75	
Sweet Clover.....	Mohawk Con'd Milk Co., Rochester, N. Y.....	77.20	30.17	8.4	1.78	6.57	13.42	47.03	
Tip Top.....	Borden's Condensed Milk Co., New York.....	78.74	31.41	8.25	1.81	7.98	13.37	47.33	
Tip Top.....	Borden's Condensed Milk Co., New York.....	77.72	32.62	8.85	1.76	7.36	14.75	45.10	

DRIED EGGS AND EGG SUBSTITUTES.

Eight samples of dried eggs, egg albumen and egg substitutes were examined. Careful search of the market was made to obtain every brand offered for sale. The dried eggs and egg albumen were found to be genuine, not being colored or preserved by any foreign substance.

The two samples of egg substitutes were represented to be substitutes for the white of egg for use in cake frosting, etc. They were composed of gelatine and sugar.

Following is the table of analytical results:

Nature of sample.	Protein.	Fat.	Ash.	Moisture	Manufacturer.
Dried Egg Albumen..	65.51	Trace.	5.02	18.37	
Dried Egg Albumen..	68.24	Trace.	4.58	18.01	
Quick Whip.....	17.55	Trace.	1.97	6.36	Irvine-Stanton Co., San Francisco-Oakland.
Whip E-Z.....	26.87	Trace.	1.17	4.94	John G. Beekler Co., Chicago.
Dried Egg.....	37.05	41.44	4.01	8.44	
Crystallized Egg.....	38.61	36.33	4.03	7.04	Northwestern Deseccated Egg Co.
Deseccated Egg.....	42.19	36.08	3.77	8.25	Armour & Co., Chicago.
Dried Egg.....	39.70	37.41	4.63	7.73	Keystone Poultry Co., San Francisco.

MISCELLANEOUS.

Two samples of sulphur were analyzed for the disinfecting department. Four samples of nitro-glycerine were analyzed for the Police Department.

Two samples of butter, eight samples of flavoring extracts, six samples of olive oil, eight samples of whiskey, eleven samples of wine, and one sample of vinegar were analyzed and none were found to be adulterated.

WATER.

During the year, sanitary analyses were made of 189 samples of water. One hundred and four samples were taken from the properties of the Spring Valley Water Company which furnishes the water supply of the city. Eighty-two samples were taken from dairy farms, producing milk for the San Francisco market. Three samples were taken from miscellaneous sources.

CITY WATER SUPPLY.—ORIGINAL SOURCES.*

The original sources of the San Francisco water supply consist of Pilarcitos Lake, San Andreas Lake, Upper and Lower Crystal Springs Lakes and the Lakes Merced, situated south of the city on the peninsula and an infiltration system situated in the Sunol Valley, Alameda County, east of San Francisco Bay. The water from the infiltration system is delivered by mains on the west side of San Francisco Bay at Belmont.

During the year, twenty-four samples of water were taken from the original sources and analyzed, nineteen samples from the Lakes Merced and one sample from each of the other Lakes and the Belmont Pump.

*For a description of the sources of water supply of San Francisco, see Board of Health Report, 1906-1907.

DISTRIBUTING RESERVOIRS.*

The water supply of San Francisco is distributed from nine reservoirs owned by the Spring Valley Water Company. During the year, one hundred and four samples of water were taken from the distributing reservoirs and analyzed.

From the analyses made of these waters, it cannot be said at this time that any definite changes are taking place in their chemical composition. The plant growth which exists to a considerable extent in the lakes probably accounts for the rather high albumenoid ammonia. The high values for total solids and chlorine is undoubtedly accounted for by the proximity of the sea and the strong prevailing ocean winds blowing over the lakes, especially is this noticeable in the Lakes Merced which have a very low elevation and are quite close to the sea.

Nitrites in very small amounts have been found in these waters from time to time. While the presence of nitrites in surface waters is always regarded with suspicion, I am not disposed to attach too much importance to their presence in this case at this time because the amounts found were small; in the presence of plant growth nitrates may be reduced to nitrites; nitrates may be reduced to nitrites by the iron from the pipes and mains; and the other values obtained have varied so little throughout the year.

*For description of the distributing reservoirs of the San Francisco Water Supply, see Board of Health Report, 1906-1907.

TABLE OF ANALYSES OF SAMPLES OF SPRING VALLEY
 (Parts per

SOURCE.	Date.	Clear or Turbid.	Total Solids.....	Loss on Ignition.....	Residue.....	Chlorine.....
North Lake Merced.....	Aug. 8, '07.	Clear, with suspended matter.....	270	79	191	61
North Lake Merced.....	Oct. 15, '07	Clear, small amount suspended matter..	301	77	224	62
North Lake Merced.....	Nov. 13, '07	Turbid with yellow tint	295	88	207	60
North Lake Merced.....	Jan. 3, '08	Clear, with suspended matter	307	100	207	61
North Lake Merced.....	Jan. 29, '08	Yellowish tint with suspended matter..	305	109	196	60
North Lake Merced.....	Feb. 26, '08	Yellow tint with suspended matter..	310	100	210	59
North Lake Merced.....	Mar. 24, '08	Yellow tint, much suspended matter..	289	122	167	60
North Lake Merced.....	April 27, '08	Yellow tint with suspended matter..	300	89	211	61
North Lake Merced.....	May 28, '08	Yellow tint with suspended matter..	310	124	186	62
North Lake Merced.....	June 25, '08	Yellow tint, much suspended matter..	308	105	203	64
South Lake Merced.....	Aug. 8, '07	Yellowish tint with suspended matter..	276	108	168	62
South Lake Merced.....	Oct. 15, '07	Clear, small amount suspended matter..	302	98	204	64
South Lake Merced.....	Nov. 13, '07	Turbid with yellow tint	321	105	216	63
South Lake Merced.....	Jan. 29, '08	Yellowish tint with suspended matter..	290	90	200	59
South Lake Merced.....	Feb. 26, '08	Yellow tint with suspended matter..	278	89	189	57
South Lake Merced.....	Mar. 24, '08	Yellow tint, much suspended matter..	263	96	167	58
South Lake Merced.....	April 27, '08	Yellow tint with suspended matter..	274	74	200	59
South Lake Merced.....	May 28, '08	Yellow tint with suspended matter..	288	108	180	60
South Lake Merced.....	June 25, '08	Yellow tint with suspended matter..	282	85	197	61
San Andreas Lake.....	Oct. 2, '07	Clear with much suspended matter.....	158	61	97	21
Pilarcitos Lake.....	Oct. 2, '07	Clear, with suspended matter	158	68	90	18
Lower Crystal Springs Lake	Oct. 2, '07	Yellow tint, much suspended matter..	226	98	128	24
Upper Crystal Springs Lake	Oct. 2, '07	Turbid.....	212	93	119	23
Belmont Pumps.....	Oct. 2, '07	Clear	363	102	261	34

WATER COMPANY'S WATERS TAKEN FROM ORIGINAL SOURCES.
1,000,000.)

Nitrogen as				Oxygen Con- sumed.....	Hardness.			REMARKS.
Nitrites.....	Nitrates.....	Free Am- monia.....	Albumenoid Ammonia.....		Temporary.....	Permanent.....	Total.....	
0.0	0.154	0.022	0.20	.....	108	5	113	Taken 50' from shore, 8' below surface.
0.0	0.14	0.076	0.27	.....	120	4	124	Taken from end of wharf, lake weedy.
0.0008	0.25	0.054	0.46	6	119	7	126	Taken from end of flume.
0.0	0.01	0.038	0.474	6	127	6	133	Taken from boat.
0.0	0.01	0.038	0.47	6	127	3	130	Taken from boat in center of lake.
0.0	0.002	0.042	0.314	6	118	8	126	From boat in center of lake 10' below surface.
0.0	0.064	0.024	0.416	5	122	13	135	From center of lake 5' below surface.
0.0	0.114	0.018	0.354	8	129	15	144	Taken from boat 6' below surface.
0.0	0.116	0.016	0.342	7	138	19	157	Sample taken from boat.
0.0	0.004	0.04	0.37	8	137	1	138	Sample taken in center of lake 5' below surface.
0.007	0.162	0.014	0.35	.....	116	25	141	Taken from middle of lake 8' below surface.
0.0	.....	0.09	0.34	.....	132	5	137	Taken 250' from shore; lake weedy
0.001	0.25	0.06	0.55	8	132	4	136	Taken from boat in center of lake.
0.002	0.05	0.036	0.36	5	107	9	116	Sample taken from wharf at edge of lake.
0.0	0.138	0.038	0.394	5	103	12	115	Taken from boat in center of lake 10' below surface.
0.0	0.088	0.044	0.396	6	102	11	113	Taken from boat 5' below surface.
0.0	0.14	0.036	0.724	7	109	19	128	Sample taken from wharf 6' below surface.
0.0	0.062	0.026	0.276	5	113	13	126	Sample taken from wharf.
0.0	0.076	0.012	0.242	5	118	7	125	Sample taken in center of lake 6' below surface.
0.0	0.16	0.06	0.21	.....	73	14	87	Taken 20' from shore, 10' below surface.
0.0	0.18	0.04	0.32	.....	52	29	81	Taken 35' from shore, 8' below surface.
0.0	0.19	0.03	0.49	.....	119	0.0	119	Taken from end of wharf 8' below surface.
0.005	0.29	0.06	0.29	.....	98	2	100	Taken 30' from shore, 20' below surface.
0.0	0.75	0.0	0.05	.....	208	6	214	Taken from pump well 8' below surface.

TABLE OF ANALYSES OF SAMPLES OF SPRING VALLEY WATER
 (Parts per

SOURCE.	Date.	Clear or Turbid.	Total Solids.....	Loss on Ignition.....	Residue.....	Chlorine.....
University Mound Reservoir	Aug 5, '07	Clear with suspended matter	323	113	210	31.6
University Mound Reservoir	Aug. 8, '07	Clear with suspended matter	321	98	223	31.6
University Mound Reservoir	Oct. 17, '07	Clear	334	90	244	31.
University Mound Reservoir	Oct. 31, '07	Clear, small amount suspended matter..	341	89	252	33.
University Mound Reservoir	Nov. 14, '07	Clear	354	100	254	36.
University Mound Reservoir	Dec. 30, '07	Clear	398	133	265	37.
University Mound Reservoir	Jan. 29, '08	Clear	282	105	177	20.
University Mound Reservoir	Feb. 26, '08	Clear	260	81	179	18.
University Mound Reservoir	Mar. 24, '08	Clear, small amount suspended matter..	245	92	153	15.
University Mound Reservoir	April 27, '08	Clear, small amount suspended matter..	313	88	225	22.
University Mound Reservoir	May 28, '08	Clear	283	82	201	22.
University Mound Reservoir	June 25, '08	Clear	320	110	210	25.
College Hill Reservoir.....	Aug. 5, '07	Clear with suspended matter	145	68	77	21.
College Hill Reservoir.....	Oct. 17, '07	Clear, small amount suspended matter..	161	56	105	21.
College Hill Reservoir.....	Nov. 14, '07	Clear	146	56	90	20.
College Hill Reservoir.....	Dec. 30, '07	Clear	177	85	92	22.
College Hill Reservoir.....	Jan. 29, '08	Clear	152	57	95	21.
College Hill Reservoir.....	Feb. 26, '08	Clear, small amount suspended matter..	161	63	98	21.
College Hill Reservoir.....	Mar. 25, '08	Clear	155	83	72	20.
College Hill Reservoir.....	April 27, '08	Clear	139	53	86	21.
College Hill Reservoir.....	May 28, '08	Clear	144	62	82	21.
College Hill Reservoir.....	June 25, '08	Clear	150	68	82	22.
Clarendon Heights Tank.....	Aug. 5, '07	Clear, with suspended matter	323	115	208	32.
Clarendon Heights Tank.....	Oct. 17, '07	Clear	330	99	231	30.
Clarendon Heights Tank.....	Nov. 14, '07	Clear	345	104	241	36.
Clarendon Heights Tank.....	Dec. 30, '07	Clear	388	118	270	38.
Clarendon Heights Tank.....	Jan. 30, '08	Clear	300	99	201	21.
Clarendon Heights Tank.....	Feb. 26, '08	Clear	269	81	188	19.
Clarendon Heights Tank.....	Mar. 24, '08	Clear, small amount suspended matter..	250	85	165	16.
Clarendon Heights Tank.....	April 28, '08	Clear, small amount suspended matter..	306	101	205	21.
Clarendon Heights Tank.....	May 27, '08	Clear	290	95	195	23.
Clarendon Heights Tank.....	June 25, '08	Clear	308	105	203	26.

COMPANY'S WATERS TAKEN FROM DISTRIBUTING RESERVOIRS.
1,000,000.)

Nitrogen as				Oxygen Con- sumed.....	Hardness.			REMARKS.
Nitrites.....	Nitrates.....	Free Am- monia.....	Albumenoid Ammonia.....		Temporary.....	Permanent.....	Total.....	
.003	.328	.012	.08	.....	190	13.5	203.5	Sample taken 8' below surface.
.003	.33	.018	.07	.....	190	16.5	206.5	Sample taken 8' below surface. Reservoir contains 17' of water.
.0	.38	.012	.09	.....	199	11.	210.	
.003	.48	.02	.06	2	209	7.	216.	Sample take at outlet 6' below surface.
.0015	.61	.052	.116	2	207	11.	218.	Taken from boat in middle of reservoir; 17' of water in reservoir.
.001	.53	.046	.07	2	207	13.	220.	Water 17' deep, sample taken from platform.
.0	.59	.03	.08	2	160	6.	166.	Sample taken from platform.
.0	.57	.002	.096	3	153	7.	160.	From end of platform 8' below surface.
.0	.092	.04	.174	3	150	8.	158.	Taken from wharf 5' below surface.
.001	.156	.02	.22	3	180	13.	193.	Taken from wharf 6' below the surface.
.0	.236	.028	.144	2	180	9.	189.	Samples taken from wharf 6' below surface.
.0	.146	.03	.122	2	189	8.	197.	Sample taken from fore-bay 4' below surface.
.0	.206	.014	.11	.....	72	22.5	94.5	Sample taken 8' below surface.
.0	.20	.022	.11	.....	80	3.	83.	Reservoir contained 15' of water.
.0	.14	.032	.194	4	76	1.	77.	Sample taken from platform; 16' of water in reservoir.
.0	.08	.012	.14	4	77	0.	77.	Water 20' deep; sample taken from platform.
.001	.02	.068	.20	5	75	1.	76.	Sample taken from platform.
.0	.12	.012	.102	3	72	1.	73.	From end of platform 8' below surface.
.0	.152	.024	.142	4	72	7.	79.	Taken from wharf 5' below surface.
.0	.116	.016	.07	4	74	9.	83.	Taken from wharf 6' below the surface.
.0	.116	.016	.128	3	76	13.	89.	Sample taken from wharf 6' below surface.
.0	.116	.016	.11	4	77	4.	81.	Sample taken from fore-bay, 4' below surface.
.0	.33	.02	.09	.....	188.5	17.	205.5	Sample taken 5' below surface.
.0	.43	.01	.084	.....	196	9.	205.	Tank contained 10' of water.
.0005	.60	.056	.102	2	208	11.	219.	14' of water in tank.
.0	.58	.034	.092	2	204	16.	220.	Water 12' deep.
.0	.64	.022	.09	2	158	4.	162.	Sample taken from center of tank 6' below surface.
.0	.568	.004	.064	3	153	1.	154.	From center of tank 4' below surface.
.0	.16	.016	.152	3	147	3.	150.	From tank 4' below surface.
.0	.156	.02	.128	3	178	14.	192.	Taken 6' below surface.
.0	.236	.028	.104	2	190	6.	186.	Sample taken 4' below surface.
.001	.202	.018	.066	2	193	7.	200.	Sample taken from tank 4' below surface.

TABLE OF ANALYSES OF SAMPLES OF SPRING VALLEY WATER

(Parts per

SOURCE.	Date.	Clear or Turbid.	Total Solids.....	Loss on Ignition.....	Residue.....	Chlorine
Francisco St. Reservoir.....	Aug. 6, '07	Clear, with suspended matter	314	112	202	34.
Francisco St. Reservoir.....	Oct. 16, '07	Clear, small amount suspended matter..	348	95	253	31.
Francisco St. Reservoir.....	Nov. 12, '07	Turbid, with yellowish tint	377	104	273	40.
Francisco St. Reservoir.....	Dec. 31, '07	Turbid	380	96	284	39.
Francisco St. Reservoir.....	Jan. 30, '08	Yellow tint	272	113	159	21.
Francisco St. Reservoir.....	Feb. 27, '08	Clear	259	99	160	18.
Francisco St. Reservoir.....	Mar. 25, '08	Clear, small amount suspended matter..	235	93	142	16.
Francisco St. Reservoir.....	April 28, '08	Clear	297	105	192	20.
Francisco St. Reservoir.....	May 27, '08	Clear	250	85	165	26.
Francisco St. Reservoir.....	June 26, '08	Clear	314	104	210	26.
Lombard St. Reservoir.....	Aug. 6, '07	Clear, with suspended matter	268	93	175	38.
Lombard St. Reservoir.....	Oct. 16, '07	Clear	248	83	165	33.
Lombard St. Reservoir.....	Nov. 12, '07	Clear	228	75	153	33.
Lombard St. Reservoir.....	Dec. 31, '07	Clear	240	70	170	26.
Lombard St. Reservoir.....	Jan. 30, '08	Clear	201	66	135	23.
Lombard St. Reservoir.....	Feb. 27, '08	Clear, small amount suspended matter..	210	79	131	26.
Lombard St. Reservoir.....	Mar. 25, '08	Yellow tint, with small amount suspended matter	202	87	115	28.
Lombard St. Reservoir.....	April 28, '08	Clear, small amount suspended matter..	230	88	142	27.
Lombard St. Reservoir.....	May 27, '08	Clear, with suspended matter	257	85	172	28.
Lombard St. Reservoir.....	June 26, '08	Clear	252	89	163	32.
Clay St. Reservoir.....	Aug. 6, '07	Clear, with suspended matter	274	93	181	22.
Clay St. Reservoir.....	Oct. 16, '07	Clear	276	85	191	22.
Clay St. Reservoir.....	Nov. 12, '07	Clear	323	90	233	32.
Clay St. Reservoir.....	Dec. 31, '07	Clear	360	117	243	31.
Clay St. Reservoir.....	May 27, '08	Clear	325	100	225	31.
Clay St. Reservoir.....	June 26, '08	Clear	338	88	250	30.
Presidio Heights Tank	Aug. 6, '07	Clear, with suspended matter	325	95	230	34.
Presidio Heights Tank	Oct. 16, '07	Clear	321	104	217	32.

COMPANY'S WATERS TAKEN FROM DISTRIBUTING RESERVOIRS.—Cont.
1,000,000.)

Nitrogen as				Oxygen Consumed.....	Hardness.			REMARKS.
Nitrites.....	Nitrates.....	Free Ammonia.....	Albumenoid Ammonia.....		Temporary.....	Permanent.....	Total.....	
.0	.21	.01	.09	.....	173	6.5	179.5	Reservoir contained about 6' of water; sample from middle of reservoir 1' below surface.
.0	.24	.024	.144	.....	201	9.	210.	Reservoir weedy, water covered with scum; 5' of water.
.003	.29	.064	.29	4	213	12.	225.	Taken from boat in middle of reservoir; 7' of water in reservoir.
.001	.17	.01	.24	4	202	12.	214.	Water 9' deep.
.002	.162	.058	.32	5	153	2.	155.	Sample taken directly from reservoir, 3' from surface.
.0	.302	.006	.086	3	153	9.	161.	Sample taken 3' below surface.
.0	.108	.024	.208	5	142	9.	151.	From reservoir 2' from surface.
.0	.07	.018	.136	3	173	10.	183.	Taken from 2' below surface.
.0	.16	.016	.112	3	153	11.	164.	Sample taken from boat 3' below surface.
.0	.12	.012	.074	2	189	7.	196.	Sample taken from division wall, 1' below surface; 2' of water in reservoir.
.0	.194	.026	.08	.....	129	19.	148.	Taken 6' from side of reservoir, 5' below surface.
.0	.18	.044	.14	.....	123	1.	124.	Reservoir contained 12' of water; then filling.
.0	.38	.056	.156	4	122	8.	130.	12' of water in reservoir.
.0	.16	.064	.104	3	113	0.	113.	Water 12' deep.
.0	.33	.02	.13	3	105	0.	105.	Sample taken directly from reservoir, 6' below surface.
.0	.568	.004	.096	4	104	3.	107.	Sample taken at fore-bay 4' below surface.
.0	.152	.024	.180	4	105	10.	115.	From reservoir 3' from surface.
.0	.206	.016	.13	3	118	11.	129.	Sample taken 6' below surface.
.0	.296	.012	.128	2	148	10.	158.	Sample taken at inlet.
.0	.208	.012	.116	3	132	6.	138.	Sample taken from fore-bay 4' below surface.
.0	.65	.01	.04	.....	153	19.	172.	Taken 2' from side of reservoir, 7' below surface.
.0	.65	.014	.088	.....	165	3.	168.	Water Co. says water is used only for fire purposes.
.002	.73	.062	.11	2	196	10.	206.	11' of water in reservoir.
.0	.64	.024	.084	2	197	9.	206.	Used for fire purposes only.
.0	.60	.016	.072	2	193	17.	210.	Sample taken 4' below surface.
.0	.742	.006	.034	2	198	12.	210.	Sample taken from tank 3' below surface.
.0	.56	.01	.04	.....	177.5	21.	198.5	Taken from center of tank 6' below surface.
.0	.64	.02	.07	.....	194	12.	206.	Tank contained 26' of water.

TABLE OF ANALYSES OF SAMPLES OF SPRING VALLEY WATER

(Parts per

SOURCE	Date	Clear or Turbid	Total Solids.....	Loss on Ignition	Residue.....	Chlorine.....
Presidio Heights Tank	Nov. 12, '07	Clear	368	120	248	39.
Presidio Heights Tank	Dec. 31, '07	Clear	395	115	280	37.
Presidio Heights Tank	Jan. 30, '08	Clear	302	102	200	21.
Presidio Heights Tank	Feb. 27, '08	Clear	268	79	189	19.
Presidio Heights Tank	Mar. 25, '08	Clear	250	92	158	17.
Presidio Heights Tank	April 28, '08	Clear	291	97	194	20.
Presidio Heights Tank	May 27, '08	Clear	285	90	195	23.
Presidio Heights Tank	June 26, '08	Clear	314	84	230	27.
Lake Honda Reservoir.....	Aug. 8, '07	Clear, with suspended matter	212	69	143	41.
Lake Honda Reservoir.....	Oct. 15, '07	Clear	235	72	163	41.
Lake Honda Reservoir.....	Nov. 13, '07	Clear	183	65	118	32.
Lake Honda Reservoir.....	Jan. 3, '08	Clear, with suspended matter	169	71	98	25.
Lake Honda Reservoir.....	Jan. 29, '08	Clear	173	75	98	26.
Lake Honda Reservoir.....	Feb. 26, '08	Clear	178	51	127	28.
Lake Honda Reservoir.....	Mar. 24, '08	Yellow tint, with small amount suspended matter	188	70	118	31.
Lake Honda Reservoir.....	April 27, '08	Clear, small amount suspended matter..	177	62	115	32.
Lake Honda Reservoir.....	May 27, '08	Clear, with suspended matter	190	65	125	37.
Lake Honda Reservoir.....	June 25, '08	Clear	191	70	121	36.

TABLE OF ANALYSES OF SAMPLES OF SPRING VALLEY WATER COMPANY'S

Tap at 1469 McAllister St...	June 25, '08	Clear, with suspended matter	235	75	160	32.
Tap at 1469 McAllister St...	June 25, '08	Clear	250	85	165	32.

COMPANY'S WATERS TAKEN FROM DISTRIBUTING RESERVOIRS.—Cont.

1,000,000.)

Nitrogen as				Oxygen Consumed.....	Hardness			REMARKS
Nitrites.....	Nitrates.....	Free Ammonia.....	Albumenoid Ammonia..		Temporary.....	Permanent.....	Total.....	
.0	.65	.052	.09	2	211	15.	226.	20' of water in tank.
.0	.60	.06	.07	2	203	6.	209.	Water 27' deep.
.001	.49	.04	.106	2	159	6.	165.	Water taken from center of tank 6' below surface.
.0	.748	.044	.08	2	150	5.	155.	From center of tank 5' below surface.
.0	.514	.058	.096	2	145	12.	157.	From tank 5' below surface.
.002	.328	.038	.07	2	169	13.	182.	Taken 4' below surface.
.002	.322	.03	.08	1	183	12.	193.	Sample taken 6' below surface.
.0	.3	.008	.04	2	196	8.	204.	Sample taken from tank 4' below surface.
.0	.092	.04	.21	.....	93.7	27.	120.7	Taken 6' from side of lake 5' below surface.
.0	.20	.02	.18	.....	101	4.	105.	Taken from center of lake 6' below surface.
.001	.35	.09	.18	3	89	2.	91.	Taken from crosswalk, 28' in reservoir.
.002	.21	.01	.214	4	80	2.	82.	Water 28' deep, sample taken from platform.
.002	.04	.05	.17	4	79	4.	183.	Sample taken from boat in center of lake.
.0	.226	.038	.170	4	78	7.	85.	From boat in center of reservoir 10' below surface.
.0	.108	.024	.22	3	82	6.	88.	From center of lake 5' below surface.
.0	.106	.026	.176	4	84	15.	99.	Taken from boat 6' below surface.
.0	.096	.036	.188	4	94	8.	102.	Sample taken from boat 6' below surface.
.0	.074	.014	.18	4	91	6.	97.	Sample taken from center of reservoir 5' below surface.

WATER TAKEN FROM TAPS COMING FROM LAKE HONDA RESERVOIR.

.0	.048	.26	.14	4	126	7.	133.	Sample taken at 2:15 P. M.
.0	0.068	0.108	0.112	3	123	10.	133.	Sample taken at 2:18 P. M.

SAMPLES OF SPRING WATER

(Parts per

SOURCE	Date	Clear or Turbid	Total Solids.....	Loss on Ignition	Residue.....	Chlorine.....
Dairy of F. Simen, 1043 16th Avenue South.....	Oct. 4, '07	Clear	437	163	274	52.
Dairy of F. Simen, 1043 16th Avenue South.....	Mar. 9, '08	Turbid	610	229	381	65.
Dairy of F. Simen, 1043 16th Avenue South.....	April 7, '08	Clear	452	182	270	52.
Dairy of P. Caubu, 1119 19th Avenue South.....	Oct. 4, '07	Clear	396	168	228	44.
Dairy of P. Caubu, 1119 19th Avenue South.....	Dec. 18, '07	Clear	451	205	246	92.
Dairy of P. Caubu, 1119 19th Avenue South.....	Mar. 11 '08	Clear	382	147	235	44.
Dairy of P. Caubu, 1119 19th Avenue South.....	April 7, '08	Clear	360	130	230	39.
Dairy of P. Casabon, 901 15th Avenue South.....	Nov. 25, '07	Clear	337	127	210	37.
Dairy of P. Casabon, 901 15th Avenue South.....	Dec. 18, '07	Clear	347	141	206	36.
Dairy of P. Casabon, 901 15th Avenue South.....	Mar. 9 '08	Clear	390	160	230	39.
Dairy of P. Casabon, 901 15th Avenue South.....	April 7, '08	Clear	346	122	224	38.
Dairy of B. Cassou, Way- land and Hamilton Sts...	Dec. 18, '07	Clear	442	232	210	47.
Dairy of B. Cassou, Way- land and Hamilton Sts...	April 9, '08	Clear	452	240	212	52.
Dairy of Buhle & Mondott, Woolsey and University..	Dec. 23, '07	Clear	243	85	158	32.
Dairy of Buhle & Mondott, Woolsey and University..	Mar. 10, '08	Clear	259	108	151	35.
Dairy of Buhle & Mondott, Woolsey and University..	April 9, '08	Clear	241	102	139	32.
Dairy of P. Menjou, 528 Cambridge St.....	Dec. 23, '07	Clear	330	95	235	53.
Dairy of P. Menjou, 528 Cambridge St.....	April 9, '08	Clear	248	90	158	29.
Dairy of La Brucheri & Co., 400 Harvard St.....	Dec. 23, '07	Clear	368	115	253	41.
Dairy of La Brucheri & Co., 400 Harvard St.....	Mar. 10, '08	Clear with yellow tint	504	220	284	44.
Dairy of La Brucheri & Co., 400 Harvard St.....	April 9, '08	Clear	362	152	210	40.

TAKEN FROM DAIRIES.

(1,000,000.)

Nitrogen as				Oxygen Con- sumed.....	Hardness			REMARKS
Nitrates.....	Free Am- monia.....	Albumenoid Ammonia..	Temporary....		Permanent....	Total.....		
0.0	4.4	0.0	0.094	.....	224	5	229	Spring on side hill 200 yds. from dairy.
0.0	7.17	0.094	0.150	4	224	89	313	Spring on side hill 200 yds. from dairy.
0.0	4.95	0.006	0.07	2	225	77	302	Spring on side hill 200 yds. from dairy.
0.0	4.4	0.004	0.034	.....	190	15	205	Spring on side hill 400 yds. from dairy.
0.0	2.6	0.08	0.05	1	160	79	239	Spring on side hill 400 yds. from dairy.
0.0	5.49	0.010	0.054	2	200	35	235	Spring on side hill 400 yds. from dairy.
0.0	4.4	0.006	0.024	1	198	42	240	Spring on side hill 400 yds. from dairy.
0.0	5.08	0.0	0.024	1	195	25	220	Spring 600 ft. from barn, piped to cistern 25 ft. from barn.
0.0	3.5	0.006	0.018	1	194	34	228	Spring 600 ft. from barn, piped to cistern 25 ft. from barn.
0.0	3.74	0.004	0.028	1	196	42	238	Spring 600 ft. from barn, piped to cistern 25 ft. from barn.
0.0	3.3	0.006	0.036	1	195	41	236	Spring 600 ft. from barn, piped to cistern 25 ft. from barn.
0.001	44.0	0.004	0.05	1	56	112	168	Spring one-half mile from dairy.
0.0	19.25	0.014	0.058	1	56	141	197	Spring one-half mile from dairy.
0.001	11.0	0.006	0.014	1	54	46	100	Spring on hill side one-half mile from dairy.
0.002	8.14	0.00	0.044	1	52	40	92	Spring on hill side one-half mile from dairy.
0.001	9.35	0.004	0.02	1	51	56	107	Spring on hill side one-half mile from dairy.
0.009	8.8	0.04	0.05	1	114	39	153	Spring on hill side 800 ft. from barn.
0.001	5.5	0.014	0.076	2	71	58	129	Spring on hill side 800 ft. from barn.
0.001	8.8	0.01	0.024	1	153	62	215	Spring dug about 15 ft. deep, cased with wood; situated on hill side 600 ft. above barn.
0.0	17.524	0.076	0.124	3	128	109	237	Spring dug about 15 ft. deep, cased with wood; situated on hill side 600 ft. above barn.
0.0	11.0	0.008	0.054	2	114	75	189	Spring dug about 15 ft. deep, cased with wood; situated on hill side 600 ft. above barn.

SAMPLES OF SPRING WATER

(Parts per

SOURCE	Date	Clear or Turbid	Total Solids.....	Loss on Ignition	Residue.....	Chlorine.....
Dairy of La Brucheri & Co., 400 Harvard St.....	June 9, '08	Clear	355	115	240	40.
Dairy of J. Sarthou, 2924 Railroad Ave.....	Dec. 24, '07	Clear	590	200	390	154.
Dairy of J. Sarthou, 2924 Railroad Ave.....	Mar. 9, '08	Clear	554	213	341	140.
Dairy of J. Sarthou, 2924 Railroad Ave.....	April 7, '08	Turbid	571	202	369	152.
Dairy of F. Michel, 1815 Wayland St.....	Mar. 31, '08	Clear	327	135	192	35.
Dairy of F. Michel, 1815 Wayland St.....	April 9, '08	Clear	302	114	188	33.
Dairy of H. Lapachet, Visitacion Valley.....	April 1, '08	Clear	310	93	217	62.
Dairy of Theo, Durrer, Visitacion Valley.....	April 1, '08	Clear	310	80	230	61.
Dairy of M. Johnson, Six-Mile-House	April 6, '08	Clear	532	135	397	127.

TAKEN FROM DAIRIES.—Continued.

1,000,000.)

Nitrogen as				Oxygen Con- sumed.....	Hardness			REMARKS
Nitrites.....	Nitrates.....	Free Am- monia.....	Albumenoid Ammonia..		Temporary....	Permanent....	Total.....	
0.001	7.48	0.01	0.028	.....	152	59	211	Spring dug about 15 ft. deep, cased with wood; situated on hill side 600 ft. above barn.
0.0	1.1	0.02	0.02	1	145	130	275	Spring 12 feet deep, cased with wood, on hill side above premises.
0.0	1.65	0.0	0.036	2	133	104	237	Spring 12 feet deep, cased with wood, on hill side above premises.
0.0	0.88	0.002	0.014	1	143	125	268	Spring 12 feet deep, cased with wood, on hill side above premises.
0.0	8.36	0.002	0.036	2	136	51	187	Hidden spring on hill side about 500 ft. from barn.
0.0	6.6	0.014	0.036	1	131	60	191	Hidden spring on hill side about 500 ft. from barn.
0.0	0.348	0.004	0.032	1	127	32	159	Spring on hill side above premises.
0.0	0.168	0.008	0.02	1	128	29	157	Spring on hill side above premises.
0.0	1.27	0.05	0.09	3	207	54	261	Spring on hill side above premises.

SAMPLES OF WELL WATERS

(Parts per

SOURCE	Date.	Clear or Turbid.	Total Solids.....	Loss on Ignition.....	Residue.....	Chlorine.....
Dairy of Mrs. F. Andrea, 1276 16th Avenue South..	Nov. 25, '07	Clear, with yellow tint.....	439	173	266	54
Dairy of Mrs. F. Andrea, 1276 16th Avenue South..	Dec. 18, '07	Turbid.....	637	268	369	98
Dairy of T. Mitchell, 427 Munich Street.....	Dec. 19, '07	Clear.....	1339	535	804	252
Dairy of T. Mitchell, 427 Munich Street.....	Dec. 27, '07	Clear.....	1285	505	780	251
Dairy of T. Mitchell, 427 Munich Street.....	Mar. 6, '08	Clear, with suspended matter.....	1341	596	745	238
Dairy of T. Mitchell, 427 Munich Street.....	April 8, '08	Clear.....	1367	605	762	265
Dairy of T. Mitchell, 427 Munich Street.....	June 8, '08	Yellow tint.....	1485	625	860	318
Dairy of W. G. Loewe, 624 Russia Avenue.....	Dec. 19, '07	Clear.....	618	302	316	86
Dairy of N. Hansen, 617 Amazon Avenue.....	Dec. 19, '07	Clear, with suspended matter.....	680	385	295	88
Dairy of N. Hansen, 617 Amazon Avenue.....	Mar. 31, '08	Yellow tint, with suspended matter.....	712	460	252	87
Dairy of N. Hansen, 617 Amazon Avenue.....	April 8, '08	Turbid.....	677	395	282	91
Dairy of N. Hansen, 617 Amazon Avenue.....	June 8, '08	Yellow tint.....	680	363	317	87
Dairy of J. Linehan, 703 Vienna Street.....	Dec. 19, '07	Clear.....	1709	962	747	293
Dairy of J. Linehan, 703 Vienna Street.....	Mar. 31, '08	Clear.....	1307	737	570	234
Dairy of J. Linehan, 703 Vienna Street.....	April 8, '08	Clear.....	1292	720	572	223
Dairy of Mrs. F. Emhoff, 325 Hanover Street.....	Dec. 20, '07	Clear.....	272	130	142	42
Dairy of Mrs. F. Emhoff, 325 Hanover Street.....	Mar. 23, '08	Clear.....	308	127	181	44
Dairy of Mrs. F. Emhoff, 325 Hanover Street.....	April 8, '08	Clear.....	304	170	134	45
Dairy of Jos. Fassler, 5230 Mission Street.....	Dec. 20, '07	Clear.....	405	170	235	40
Dairy of Jos. Fassler, 5230 Mission Street.....	Mar. 23, '08	Clear.....	848	390	458	119
Dairy of Jos. Fassler, 5230 Mission Street.....	April 8, '08	Clear.....	960	570	390	123
Dairy of Jos. Fassler, 5230 Mission Street.....	June 8, '08	Clear.....	858	476	382	119
Dairy of P. Magee, 155 Trumbull Street.....	Dec. 23, '07	Yellow tint.....	708	310	398	116

TAKEN FROM DAIRIES.

1,000,000.)

Nitrogen as				Oxygen Consumed.....	Hardness.			REMARKS
Nitrites.....	Nitrates.....	Free Ammonia.....	Albumoid Ammonia.....		Temporary.....	Permanent.....	Total.....	
0.003	3.96	0.04	0.18	2	211	44	255	Dug well, about 35 ft. deep, cased with wood. Well 150 ft. from barn on hill side.
0.012	10.56	0.07	0.17	4	217	134	351	
0.011	110.0	0.064	0.184	4	144	336	480	Dug well about 40 ft. deep wooden casing. Well situated in corral.
0.009	55.0	0.09	0.28	4	141	316	457	
0.008	52.65	0.154	0.230	5	113	338	451	
0.004	55.0	0.058	0.162	3	115	359	474	
0.006	66.0	0.060	0.252	3	110	326	436	
0.003	22.0	0.01	0.074	3	151	147	298	Bored well, 150 ft. deep, 300 yds. from barn.
0.001	44.0	0.024	0.046	1	45	228	273	Bored well, about 100 ft. deep, galv. iron casing, perforated about 50 ft. from bottom. Well above premises on side hill.
0.014	28.6	0.016	0.106	2	48	232	280	
0.003	38.4	0.014	0.022	1	48	244	292	
0.001	38.5	0.008	0.05	.....	46	235	281
0.012	77.0	0.01	0.144	3	42	541	583	Bored well, about 100 ft. deep, galv. iron casing, perforated about 20 ft. from bottom. Well situated about 300 ft. from barn.
0.013	78.1	0.048	0.092	2	43	478	521	
0.016	77.0	0.026	0.088	2	41	469	510	
0.010	13.75	0.092	0.114	1	29	51	80	Bored well, about 100 ft. deep, galv. iron casing, perforated about 20 ft. from bottom. Well ¼-mile distant from barn.
0.009	14.96	0.022	0.044	1	26	75	101	
0.013	13.69	0.066	0.066	1	24	85	109	
0.001	6.6	0.014	0.114	2	18	107	225	Spring Valley and well water mxd.
0.008	46.51	0.022	0.046	1	50	331	381	Bored well, about 100 ft. deep, galv. iron casing, perforated 20 ft. from bottom, double casing 50 ft. from top, cement filling between. Well 40 ft. from barn in milk room.
0.015	55.0	0.026	0.046	1	50	317	367	
0.016	50.6	0.012	0.03	.....	52	311	363
0.007	33.0	0.052	0.17	2	95	220	315	Bored well, about 100 ft. deep, iron casing. Well about 300 ft. from barn.

SAMPLES OF WELL WATERS

(Parts per

SOURCE.	Date.	Clear or Turbid.	Total Solids.....	Loss on Ignition.....	Residue.....	Chlorine.....
Dairy of Mrs. J. Kelly, Knox Street.....	Dec. 27, '07	Clear.....	300	130	170	28
Dairy of Mrs. J. Kelly, Knox Street.....	Mar. 31, '08	Clear.....	363	170	193	27
Dairy of Mrs. J. Kelly, Knox Street.....	April 9, '08	Clear.....	400	169	231	26
Dairy of Mrs. J. Kelly, Knox Street.....	June 9, '08	Clear.....	323	120	203	25
Dairy of Frank Michel, 1815 Wayland Street.....	Dec. 27, '07	Clear.....	388	158	230	48
Dairy of LaBrucheri Bros., LeGrande and Brazil Sts.	Dec. 27, '07	Clear, with suspended matter.....	690	335	355	106
Dairy of LaBrucheri Bros., LeGrande and Brazil Sts.	Mar. 6, '08	Clear.....	853	413	440	137
Dairy of LaBrucheri Bros., LeGrande and Brazil Sts.	Mar. 31, '08	Clear.....	845	465	380	127
Dairy of LaBrucheri Bros., LeGrande and Brazil Sts.	April 9, '08	Clear.....	756	355	401	116
Dairy of LaBrucheri Bros., LeGrande and Brazil Sts.	June 8, '08	Clear.....	678	323	355	95
Dairy of M. Johnson, 6-Mile House, San Bruno Road....	Mar. 9, '08	Clear.....	2186	1130	1056	398
Dairy of M. Johnson, 6-Mile House, San Bruno Road....	April 6, '08	Clear.....	2065	1020	1045	394
Dairy of M. Johnson, 6-Mile House, San Bruno Road....	April 6, '08	Clear.....	2055	1035	1020	399
Dairy of P. Menjou, 528 Cambridge Street.....	Mar. 10, '08	Turbid.....	322	144	178	37
Dairy of C. Daias, 420 Somerset Street.....	Dec. 24, '07	Clear.....	380	83	297	39
Dairy of C. Daias, 420 Somerset Street.....	Mar. 11, '08	Clear.....	837	445	392	140
Dairy of C. Daias, 420 Somerset Street.....	April 7, '08	Clear.....	742	387	355	133
Dairy of T. Patton, 2040 Clement Street.....	Mar. 16, '08	Yellow tint.....	185	73	112	32
Dairy of T. Patton, 2040 Clement Street.....	April 2, '08	Clear, with suspended matter.....	173	100	73	33
Dairy of L. Renner, 4810 Mission Street.....	Mar. 17, '08	Clear.....	713	318	395	166
Dairy of L. Renner, 4810 Mission Street.....	April 8, '08	Clear.....	804	453	351	167
Dairy of P. T. Wolff, 509 Naples Street.....	April 1, '08	Clear, with suspended matter.....	723	420	303	102
Dairy of C. Gilligan, Visitation Valley.....	April 1, '08	Clear, with suspended matter.....	360	162	198	36
Dairy of Good Bros., Corbett and Alms House Road.....	April 2, '08	Clear, with suspended matter.....	510	237	273	94

TAKEN FROM DAIRIES.—Continued.

1,000,000.)

Nitrogen as				Oxygen Consumed.....	Hardness.			REMARKS.
Nitrites.....	Nitrates.....	Free Ammonia.....	Albumoid Ammonia.....		Total.....	Permanent.....	Temporary.....	
0.176	13.2	0.28	0.10	2	105	42	147	Dug well, about 30 ft. deep, filled with concrete with iron pipe in center. Pipe perforated about 2 ft. from bottom. Toilet 40 ft. below well.
0.022	15.4	0.01	0.032	1	132	55	187	
0.026	13.7	0.02	0.044	1	127	62	189	
0.006	8.8	0.014	0.026	.....	122	55	177
0.008	13.2	0.026	0.09	2	102	84	186	Open well, 15 ft. deep, 100 ft. from barn. Not used.
0.014	33.0	0.05	0.078	2	140	137	277	Dug well, about 60 ft. deep, wooden casing. Well situated at the edge of corral.
0.025	34.07	0.03	0.122	3	135	242	377	
0.032	36.3	0.028	0.076	3	142	237	379	
0.001	33.0	0.012	0.048	2	139	225	364	
0.002	28.6	0.010	0.042	140	184	326	Bored well about 80 ft. deep, cased with galv. iron, perforated to within 20 ft. of top, well at lowest point of drainage area, including corral and pasture.
0.009	80.26	0.038	0.202	4	219	374	593	
0.006	88.0	0.03	0.046	3	206	391	597	
0.010	88.0	0.046	0.06	3	208	385	593	
0.016	8.7	0.114	0.202	6	59	51	110	Dug well, about 30 ft. deep, partly cased with wood. Well 250 yds. from premises.
0.0	2.2	0.054	0.09	2	189	21	210	Spring Valley and well water mxd.
0.006	27.7	0.024	0.056	3	120	231	351	Bored well, about 80 ft. deep, galv. iron casing, not perforated. Cow corral on same slope above well.
0.004	27.5	0.012	0.044	2	108	239	347	
0.0	0.41	0.03	0.142	4	83	9	92	Dug well, 75 ft. deep, filled with concrete with 2 in. iron pipe in center. Well in corral.
0.0	0.318	0.34	0.162	4	84	5	89	
0.0	18.89	0.03	0.044	1	102	242	344	Bored well, 45 ft. deep, galv. iron casing, perforated 10 ft. from bottom.
0.0	19.24	0.01	0.032	1	97	254	351	
0.001	44.0	0.038	0.054	3	55	76	131	Bored well, 140 ft. deep, galv. iron casing, perforated from bottom 70 ft. up.
0.002	13.16	0.04	0.032	1	104	58	162	Bored well, 75 ft. deep, galv. iron casing, perforated 20 ft. from bottom.
0.005	16.5	0.014	0.066	2	113	127	240	
								From Alms House well.

SAMPLES OF WELL WATERS

(Parts per

SOURCE.	Date.	Clear or Turbid.	Total Solids.....	Loss on Ignition.....	Residue.....	Chlorine.....
Dairy of Standard Milk Co., 3201 16th Street.....	April 9, '08	Clear.....	523	200	323	87
Dairy Delivery Co., 3550 19th Street.....	April 9, '08	Clear.....	840	330	510	176
Dairy of Hogan Bros., Colma	June 22, '08	Clear.....	273	115	158	36
Dairy of Witt Bros., Colma	June 22, '08	Clear.....	714	310	404	175
Dairy of Witt Bros., Colma	June 22, '08	Clear.....	1092	630	462	190

MISCELLANEOUS

Herlihy & Griffin, 985 Ala- bama Street.....	April 7, '08	Clear.....	242	79	163	17
Mr. Long, 12 Byington Ave.	April 30, '08	Turbid.....	442	125	317	76
Mr. Long, 12 Byington Ave.	June 8, '08	Yellow tint, with sus- pended matter.....	281	85	196	32

TAKEN FROM DAIRIES.—Continued.

1,000,000.)

Nitrogen as				Oxygen Consuming Power.....	Hardness.			REMARKS.
Nitrites.....	Nitrates.....	Free Ammonia.....	Albumenoid Ammonia.....		Temporary.....	Permanent.....	Total.....	
0.10	10.38	0.527	0.04	2	211	8	299	} Bored well, 114 ft. galv. iron casing, perforated 5 and 10 ft. from bottom.
0.003	26.4	0.0	0.01	1	215	194	409	
0.0105	11.66	0.028	0.034	.....	50	54	104	} Bored well, about 125 ft. deep, galv. iron casing. Well about 150 yds. from barn.
0.024	25.85	0.01	0.048	6	92	244	336	
0.011	52.8	0.044	0.032	.....	63	346	409	} Lower well, about 120 ft. deep, galv. iron casing perforated about 40 ft. from bottom. Well 200 yds. from barn. } Upper well, bored about 112 ft. deep, galv. iron casing perforated about 40 ft. from bottom. 100 yds. from barn.

WELL WATERS.

0.0	0.318	0.014	0.044	2	159	13	172	} Well 20 ft. deep, situated at Soda Works.
0.015	0.60	0.428	0.044	3	.....	.....	.....
0.002	0.284	0.044	0.106	2	156	20	176	} Bored well, about 140 ft. deep, concrete around top, situated in solid block of houses, furnishes water to Hammam baths and to flats.

WELL AND SPRING WATERS.

The analysis of the spring and well waters was undertaken as a part of the Dairy Inspection work. Eighty-two samples of water from springs and wells furnishing the water supply of various dairies producing milk for the San Francisco market were taken and analyzed.

While the depth of some of the wells, the proximity of the sea, the climatic conditions and the character of the soil probably have considerable influence on the chemical composition of these waters, the enormous values obtained in many of them in total solids, chlorine, nitrites, and nitrates can be accounted for only by contamination.

Bacteriological analysis has confirmed this opinion in nearly every case.

METHODS.

In the analysis of all samples of water herein reported, the methods employed are those recommended by the Committee on Standard Methods of Water Analysis, Journal of Infectious Diseases, Supplement No. 1, 1905.

Nitrates were determined by the reduction method which has proven much more satisfactory than the phenol-sulphonic acid method.

The samples were taken by inspectors familiar with the precautions necessary in taking samples of water for sanitary analysis. Prior to March 1, 1908, the samples were taken in 1 gallon demijohns. Since that time all samples have been taken in 5 pint, glass stoppered bottles.

Very respectfully,

C. W. BEAVER,
Chief Chemist.

REPORT OF BACTERIOLOGIST H. A. L. RYFKOGEL, M. D., FOR THE FISCAL YEAR ENDING JUNE 30, 1908.
EXAMINATIONS MADE.

Month	Diphtheria		Tuberculosis (Sputum)		Pneumonia (Sputum)		Widal Reactions		Diazo Reactions		Milk		Water		Urine		Rats		Bubonic Plague		Other Examinations		Disinfectants							
	Positive	Negative	No Growth	Total	Positive	Negative	Total	Positive	Negative	Total	Positive	Negative	Total	Positive	Negative	Total	Positive	Negative	Total	Positive	Negative	Total	Positive	Negative	Total					
1907.																														
July.....	8	10	1	19	4	4		2	13	15	1	2	3	100	4															
August.....	14	26	4	40	3	5		2	14	14	2	3	5	12	4															
September.....	11	14	1	26	4	8		3	17	25	1	2	3	3	14															
October.....	15	39	2	56	3	5		8	12	23	1	1	2	126	15															
November.....	28	20	48	3	6	9		11	12	23	1	1	3	72	15															
December.....	31	38	1	70	5	3		5	5	10	3	3	43	26																
1908.																														
January.....	25	23	4	52	3	8		10	11	3	6	9	1	67	8															
February.....	47	48	3	98	6	14		15	6	14	1	1	1	9	9															
March.....	37	72	2	111	4	12		9	2	11	3	3	6	13	13															
April.....	19	42	1	62	8	16		2	1	6	3	3	6	34	34															
May.....	30	41	2	73	7	14		4	3	7	7	7	7	36	36															
June.....	19	39	1	59	3	10		2	3	5	5	5	113	20																
Total.....	284	412	18	714	48	95		143	59	16	75	42	92	134	5	14	19	691	183	2	23	269	292	12	7	19	6	9	15	10

RECAPITULATION.

Diphtheria.....	714	Urine.....	2
Tuberculosis.....	143	Rats.....	292
Pneumonia.....	75	Bubonic Plague.....	19
Widal Reactions.....	134	Other Examinations.....	15
Diazo Reactions.....	19	Disinfectants.....	10
Milk.....	691		
Water.....	183	Grand Total.....	2,297

BACTERIOLOGIC EXAMINATIONS OF MILK, JULY 17, 1907, TO
JUNE, 1908.

No. of samples of milk containing less than 100,000 bact. to lcc.....	240
No. of samples of milk containing bet. 100,000 and 500,000 bact. per cc.....	146
No. of samples of milk containing bet. 500,000 and 1,000,000 bact. per cc.....	55
No. of samples of milk containing bet. 1,000,000 and 5,000,000 bact. per cc.....	125
No. of samples of milk containing bet. 5,000,000 and 10,000,000 bact. per cc..	16
No. of samples of milk containing bet. 10,000,000 and 20,000,000 bact. per cc	18
No. of samples of milk containing over 20,000,000 bact. per cc.....	10

As I have before pointed out, owing to the methods of collecting the milk and conveying it to the laboratory, these counts cannot be compared with those made in other cities, nor do they always give a fair idea of the bacterial content of the milk at the time of collecting the samples.

The samples should be placed in ice immediately after collection and so kept until they are plated.

BACTERIOLOGIC EXAMINATION OF WELLS AND SPRINGS,
JULY, 1907, TO JUNE, 1908.

No. in which count of Bacteria was below 100 per cc.....	5
No. in which count of Bacteria was between 100 and 500 cc.....	26
No. in which count of Bacteria was between 500 and 1000 per cc.....	11
No. in which count of Bacteria was between 1,000 and 2,000 per cc.....	17
No. in which count of Bacteria was above 2,000	15
No. in which count of Bacteria was not made.....	22
No. in which Bacillus Coli Communis was found.....	25

REPORT OF BACTERIOLOGIST

BACTERIOLOGIC EXAMINATION OF SPRING VALLEY CO. WATER, JULY, 1907 TO JUNE, 1908.

MONTH	Lake Honda		University Mound		S. Lake Merced		N. Lake Merced		Clarendon Heights	
	Bact. per cc.....	Bact. coli. com..	Bact. per cc.....	Bact. coli. com..	Bact. per cc.....	Bact. coli. com..	Bact. per cc.....	Bact. coli. com..	Bact. per cc.....	Bact. coli. com..
1907.										
July.....	430	Absent	1980	Absent	60	Absent	1500	Absent	170	Absent
August.....										
September.....			17th, 2200	Absent					8300	
October.....			31st, 182	Absent						
November.....	90	Absent	270	Absent	770	Absent	438	Absent	360	Absent
December.....	90	Absent	234	Absent	164	Present	240	Present	236	Absent
1908.										
January.....	122	Absent	210	Absent	960	Absent	260	Absent	1260	Absent
February.....	132	Absent	340	Absent	360	Absent				
March.....										
April.....	700	Absent	840	Absent	770	Absent	408	Absent	1020	Absent
May.....	360	Absent	480	Absent	840	Present	130	Absent	900	Absent
June.....	68	Absent	6000	Absent	150	Absent	136	Absent	460	Absent

REPORT OF BACTERIOLOGIST

BACTERIOLOGIC EXAMINATION OF SPRING VALLEY CO., WATER, JULY, 1907 TO JUNE, 1908.—Continued.

MONTH	Lombard St. Res.		Francisco St. Res.		Presidio Heights		College Hill Res.		Clay St. Reservoir.	
	Bact. per cc.....	Bact. coli. com...	Bact. per cc.....	Bact. coli. com...	Bact. per cc.....	Bact. coli. com...	Bact. per cc.....	Bact. coli. com...	Bact. per cc.....	Bact. coli. com...
1907.										
July.....										
August.....										
September.....										
October.....	140	Absent	170	Absent	73	Absent	1260	Absent	30	Absent
November.....	380	Absent	320	Absent	216	Absent	252	Absent	80	Absent
December.....	122	Absent	200	Absent	400	Absent	236	Absent		
1908.										
January.....										
February.....	50	Absent	44	Absent	100	Absent	270	Absent		
March.....										
April.....	800	Absent	550	Absent	260	Absent	960	Absent		
May.....	1330	Absent	1150	Absent	476	Absent	504	Absent	4000	Absent
June.....	60	Absent	180	Absent	158	Absent	140	Absent	180	Absent

City and County Hospital.

City and County Hospital, June 30, 1908.

To the Honorable the Board of Health.

Gentlemen: I have the honor to submit the following report of the City and County Hospital of this City for the fiscal year 1907-1908:

In view of the fact that my appointment as Warden only dates from November 15, 1907, I can state very little of the conditions before that date.

The record begins at the old building at Twenty-second and Potrero avenue and ends at Ingleside Race Track.

On August 13, 1907, the first case of plague in the hospital was discovered and on August 28, 1907, the hospital was quarantined. During the quarantine the building was fumigated with sulphur, the grounds thoroughly cleaned and the building itself cleaned as much as was possible for such an old structure.

The quarantine was raised on September 13, 1907, and all patients possible were discharged.

From that time no new cases were admitted except tubercular and infectious cases.

The old hospital which had stood for about 35 years was condemned and steps were taken and work pushed in putting in shape Building No. 2, Alms House Tract, to be used for a hospital until such time as a more suitable building could be obtained for this purpose.

On January 2, 1908, the remaining patients, 137 in number began to be removed to this building, in ambulances and others in hacks, a distance of between 4 and 5 miles. The removal of all patients except the contagious cases was accomplished in two days.

The work of accommodating this building to the needs of a hospital and putting it in order was just about completed when on March 10, 1908, about 8:30 a. m., a fire broke out under the roof in the southwest corner of the building, which in a very short time destroyed the building.

Through the prompt and efficient assistance of the employees of the Relief Home, we were enabled to remove all our patients from the building, and no accidents occurred.

Alms House Building No. 1, which had been emptied of inmates shortly before this, was immediately put in shape and the patients housed there until the buildings at Ingleside Race Track formerly occupied by Refugees could be arranged for hospital purposes. We moved to Ingleside April 10, 1908. At present we are occupying six of these buildings and have accommodations for 350 patients.

As formerly the medical and surgical care of the patients is under the direction of the faculties of the different medical colleges of this city, each of the five being held responsible for one fifth of the patients.

We would most earnestly call your attention to the inadequacy of the present number of nurses in the Training School at this hospital, to properly care for the patients we now have. We have 20 nurses to care for 273 patients, making one nurse to every 13 patients and several of them will graduate very shortly. In a hospital run on the ward plan, there should be one nurse for every 8 or 10 patients, so that we should have 10 or 15 more nurses in the Training School.

We would also direct your attention to the fact that we are unable with our present facilities to properly supervise the treatment of the following varieties of cases of which we receive quite a few:

Acute and Chronic Alcoholics, Epileptics and Drug Fiends.

These cases should I believe be treated in some place removed from our general run of patients where special supervision and special treatment can be given.

We would also bring to your consideration the advisability of fitting up some place for maternity cases in order to remove these cases from the private hospital and to be able to give the nurses training in this important line of work.

It will not be out of place to call attention to the following figures:

We average about 100 employees for 273 patients, which would be one employee to every 2.73 patients. This proportion is inadequate to properly look after the patients and is so considered by American authorities on this subject, who claim that hospitals run on the ward plan, there should be one employee to every two patients. Many hospitals, some of them in this city, have one employee to every patient.

The hospital is indebted to the Rev. D. O. Kelly for his kind and faithful services to the patients, to Father Casey for his services while the hospital was at Twenty-second and Potrero avenue, to Father Collins while at the Alms House and to Father Cooper while at Ingleside.

We are also greatly in debt to the Associated Charities for donations of clothing and for the carpentry work and plumbing in the male tubercular ward.

We wish also to thank Mrs. John F. Merrill for the interest she has shown in the hospital and for her donations.

Other people who have helped the patients by donations of clothes and reading matter we wish also to thank, among these are the Sunset Magazine Co.; Mr. Carson, 1508 Masonic avenue, and the Emporium.

We wish to thank the Hospital Aid Society of the California Club; the First Christian Church Endeavor Society; the West Side Christian Church; the Central Methodist Episcopal Church for their interest and efforts.

In the following pages will be found the detailed reports of the various departments.

I regret that these are not more complete but on account of the losses in the fire at Building No. 2, Alms House Tract, more detailed statement cannot be given.

Respectfully submitted,

WM. R. DORR, M. D.,
Warden City and County Hospital.

STATEMENT OF PATIENTS ADMITTED, DISCHARGED OR DIED FOR
YEAR 1907-1908.

	Admitted.....	Born.....	DISCHARGED										Died.....		
			Cured.....	Improved.....	Unimproved.....	Own request.....	Refused treatment	Removed by friends or relatives.....	Insubordination.....	Referred to Insanitary Comm.....	Sent to Alms House.....	Ran away.....		Still-born.....	Sent to Pesthouse
1907.															
July.....	327	14	84	82	8	52		16			6	28		1	51
August.....	325	10	64	113		41	4	8			2	33	1		65
September.....	78	2	66	117	1	15		4		3		15			55
October.....	128		61	25		5		1		1		25			91
November.....	81		28	10	2	4								18	39
December.....	37		16	7		4	1								17
1908.															
January.....	171		12	8		23	1	1		1		9			26
February.....	93		10	12	1	5		4		1	1	7			24
March.....	99		5	5		61		1		1	2	3			32
April.....	152		15	18		71		4		1		1			17
May.....	128		35	29	2	23	1	1		1		1			38
June.....	182		41	29	3	28	3	1		1	14	4			31
	1801	26	437	455	17	332	10	41	3	12	25	126	1	19	486

Remaining in hospital June 30, 1907..... 425

Admitted during year..... 1,801

Born..... 26

2,252

Discharged and died during year..... 1,964

Remaining in hospital June 30..... 288

ADMISSIONS, DISCHARGES, DEATHS AND NUMBER REMAINING IN THE DIFFERENT DEPARTMENTS OF THE HOSPITAL, AND CONDITION ON DISCHARGE, FOR FISCAL YEAR 1907-1908.

SERVICE	Remaining July 1, 1907.....		Admitted		Total Treated.....		Discharged.....		Recovered and improved		Unimproved.....		Transferred		Died.....		Remaining.....										
	M	F	T	M	F	T	M	F	M	F	T	M	F	M	F	M	F	T									
Medical.....	134	45	179	694	167	861	828	212	1040	693	192	887	278	117	365	179	18	197	125	25	150	111	32	143	133	20	153
Surgical.....	131	40	171	379	62	441	510	102	612	443	91	334	229	70	299	73	4	77	33	6	39	108	11	119	67	11	78
Tubercular.....	39	15	54	240	32	272	279	47	326	264	37	284	40	5	45	72	6	78	12	4	16	140	22	162	32	10	42
Infectious.....	15	6	21	179	74	233	194	80	274	174	70	259	99	54	153	7	3	10	16	3	19	52	10	62	10	5	15
Total.....	319	106	425	1492	335	1827	1811	441	2532	1574	390	1964	646	246	892	331	31	362	186	38	224	411	75	486	242	46	288

CITY AND COUNTY HOSPITAL

STATEMENT OF EXPENDITURES, FOR THE FISCAL YEAR 1907-1908.

MONTH	Salaries	Grand Total.....	Daily average number patients.....	Daily average number officers and employees.....	Total number maintained.....	Daily subsistence expense per patient.....	Total daily expense per patient.....
1907.							
July.....	\$4,001.00	10,779.07	437.74	192	629.74	\$0.33	.79
August.....	3,929.00	12,078.94	450	192	642	.37	.86
September.....	4,100.85	10,850.33	340.86	192	532.86	.44	1.05
October.....	3,474.95	8,394.71	196.96	142	338.96	.56	1.37
November.....	2,672.85	7,652.90	155.83	108	263.83	.68	1.63
December.....	2,565.70	5,799.64	137.38	98	235.38	.48	1.36
1908.							
January.....	2,715.70	6,953.86	206.35	98	304.35	.34	1.08
February.....	2,375.85	6,110.86	229.58	86	315.58	.28	.91
March.....	2,564.00	8,501.77	233.64	88	321.64	.37	1.17
April.....	2,786.45	7,173.08	249.8	86	335.8	.37	.95
May.....	3,353.20	8,584.03	259.29	97	356.29	.27	1.06
June.....	3,489.45	9,487.41	273.06	102	375.06	.34	1.15
Average.....	\$38,029.00	\$102,316.60	3,170.49	1,481	4,651.49	4.74	13.38
	3,169.08	8,526.38	264.20	123	387.62	.39	1.11

City and County Hospital, June 30, 1908.

Dr. Wm. R. Dorr,
Warden City and County Hospital.

Dear Sir: I herewith respectfully submit the report of the Drug Department for the fiscal year ending June 30, 1908.

Respectfully yours,

FRANK I. KELLY,
Apothecary.

	Liquors	Sundries, Surgical Supplies, etc.....	Drugs, Chemicals, etc.....	Alcohol.....	Total
1907.					
July.....	\$ 88.04	\$ 225.90	\$347.13	.....	\$ 661.07
August.....	.....	496.92	760.50	.....	1,257.42
September.....	97.48	342.18	400.02	.....	839.68
October.....	.....	164.77	398.55	.....	563.32
November.....	.....	194.50	145.57	\$249.91	589.98
December.....	98.05	161.93	35.20	.....	295.18
1908.					
January.....	.....	8.20	110.60	.....	118.80
February.....	95.48	126.33	58.44	.....	280.25
March.....	.....	929.39	364.65	.....	1,294.04
April.....	87.27	250.90	169.55	.....	507.72
May.....	.....	438.44	298.35	.....	736.79
June.....	99.20	401.95	380.42	.....	881.57
Total.....	\$555.52	\$3,798.75	\$3,465.98	\$249.91	\$8,025.82

SAN FRANCISCO TRAINING SCHOOL FOR NURSES.

The following is the report of the seventeenth year of the San Francisco Training School for Nurses.

	Remaining July 1, '07.....	Entered.....	Dismissed.....	Graduated.....	Withdrew on ac- count of illness.....	Resignations.....	Deaths.....	Remaining June 30, '08.....
Graduate Nurses.....	2	4						6
Head Nurses.....	29			29				12
Seniors.....	14		1		2	3		2
Juniors.....	12		6		3	9	1	
Probationers.....	6	14						2
Total.....	63	18	7	29	5	12	1	22

Lectures in Theoretical and Practical Nursing given are as follows:

Care of Hospital Wards; Bed Making; Hygiene; Baths; Disinfectants; Bacteriology; Enemata; Temperature; Pulse; Respiration; External Applications; Counter Irritants; Anatomy and Physiology; Surgical Nursing; Preparation of Patients for Operations; Gynaecology; Medical Emergencies; Diet; Observation of Patients; Obstetrics; Infectious and Contagious Diseases; Massage; Surgery and Materia Medica.

Report of Relief Home

San Francisco, August 5, 1908.

To the Honorable Board of Health of the City and County of San Francisco.

Gentlemen: I hand you herewith the report of the latter half of the fiscal year, 1907-1908, that is from January 1st, 1908, to June 30th, 1908. The records of the first six months were not kept up in a proper manner, and of no value as they do not contain actual facts.

I assumed charge of this institution in the latter part of October, 1907, under the direction of the Board of Health, acting as Superintendent of same until December 1st, 1907, when the Institution was transferred to the S. F. Relief and Red Cross, under whom I managed the Relief Home, and the report presented herewith covers the period during which the Red Cross was in charge.

The expenses during this period were greater than they would be under normal conditions because in January the people from the Ingleside Relief Camp, and the people from the Almshouse were moved to the new buildings; great expense being incurred in the transferring of same. During this period Building No. 2 was accidentally burned; Building No. 1, which had been condemned, was torn down and burned.

The construction done during this period was all done under the Relief and Red Cross, a detailed report of this work will be found herewith.

ADMISSIONS.

Total number of inmates in Almshouse January 1, 1908.....	642
Total number of inmates removed to Almshouse January 22, 1908.....	714
Total number of males admitted during last six months.....	292
Total number of females admitted during last six months.....	118
	410
Total number of admissions during last six months.....	410
Total	1,766

DISCHARGES.

Number of inmates discharged at own request.....	245
Number of inmates discharged for cause	36
Number of inmates who left without permission.....	51
Number of inmates who died	107
Number of inmates sent to City and County Hospital.....	45
Number of inmates who overstayed pass	80
Number of inmates sent before Insanity Commissioners.....	9
	573
Total	573
Remaining in Relief Home July 1, 1908.....	1,193

SOCIAL CONDITION OF INMATES.

Single	580
Married	123
Widowed	487
Divorced	3
Total	1,193

RACE OF INMATES ADMITTED.

Caucasian	1 177
Mongolian	6
Ethopian	10
Total	1,193

RELIGION OF INMATES.

Catholics	683	Protestant	416
Agnostic	3	Heathen	6
Theosophist	2	Jewish	3
Mohammedan	1	Free thinkers	4
Greek Church	2	Atheist	1
No belief	72		
Total		Total	1,193

BY WHOSE ORDER ADMITTED.

Received from Ingleside Camp.....	714
By Board of Health	454
By Superintendent City and County Hospital.....	10
By Superintendent Relief Home.....	10
By the Mayor of the City and County of San Francisco.....	5
Total.....	1,193

EMPLOYEES.

Average number of officers and employees during six months..... 60

AGES OF INMATES IN HOME.

From 20 to 30	8	From 60 to 70.....	425
From 30 to 40	26	From 70 to 80.....	321
From 40 to 50	115	From 80 to 90.....	76
From 50 to 60	220	From 90 to 100.....	2
Total.....		Total.....	1,193

NUMBER OF TIMES ADMITTED AND RE-ADMITTED.

First time	819	Eighth time	5
Second time	148	Ninth time	7
Third time	109	Tenth time	3
Fourth time	46	Eleventh time	2
Fifth time	25	Twelfth time	2
Sixth time	16	Sixteenth time	3
Seventh time	7	Seventeenth time	1
Total.....		Total.....	1,193

NATIVITY OF INMATES IN HOME.

UNITED STATES.

Alabama	1	New Hampshire	5
California	25	New Jersey	6
Delaware	1	New York	63
Georgia	3	Ohio	12
Illinois	4	Pennsylvania	14
Indiana	2	Philippines	2
Iowa	1	Rhode Island	3
Kentucky	4	South Carolina	1
Louisiana	13	Tennessee	1
Massachusetts	38	Texas	1
Maine	12	Virginia	7
Maryland	3	Vermont	2
Minnesota	1	Wisconsin	1
Michigan	4	Washington	4
Nebraska	1		
Total.....			235

FOREIGN.

Austria	9	Ireland	543
Australia	1	Italy	8
China	6	Mexico	10
Canada	26	Norway	9
Denmark	8	Russia	2
East Indies	2	Poland	3
England	64	Sumatra	1
Finland	2	Sweden	20
France	29	South America	1
Germany	163	Switzerland	12
Greece	3	Spain	2
Holland	3	Scotland	25
India	1	Wales	5
Total.....			1,193

The highest number of inmates recorded during last six months for one day was 1,274 on February 2, 1908.

The lowest number of inmates in any one day was 1,154, on May 12, 1908.

OCCUPATION OF INMATES.

Agents	7	Boilermaker	8
Artist	1	Butcher	8
Assayers	2	Brickmaker	1
Attorney	1	Bartenders	5
Baker	14	Boatman	1
Barber	3	Brassfinishers	2
Bedmaker	3	Brewers	2
Beggar	1	Candymakers	2
Blacksmith	13	Canvasser	1
Bookkeeper	8	Cement worker	6
Bricklayer	5	Clerks	38

OCCUPATION OF INMATES—Continued.

Carriage makers	1	Phrenologist	1
Collector	1	Parasol maker	1
Card Reader	1	Purser	1
Cabinet maker	6	Plasterer	4
Carpenter	30	Preacher	1
Cook	52	Printer	2
Cigar dealers	4	Plumber	5
Cooper	5	Painter	8
Draughtsman	1	Porter	9
Dentist	1	Stonecutter	1
Domestics	69	Sailor	24
Druggist	2	Saloonkeeper	2
Engineer	6	Stableman	12
Elevatorman	1	Steward	1
Farmer	12	Surveyor	1
Fisherman	6	Shoemaker	14
Fruit dealer	1	Sailmaker	1
Glass blower	1	Sash and doormaker	1
Gardener	7	Shipjoiner	3
Housewife	124	Shipcaulker	2
Housemover	1	Shoe dealer	1
Horsetrainer	1	Sign maker	1
Hairdresser	1	Stenographer	1
Hackdriver	4	Soap dealer	1
Harnessmaker	3	Railroad fireman	1
Hostler	2	Restaurant keeper	1
Instrument repairer	1	Roofer	1
Janitor	1	Searcher of records	1
Jeweler	2	Sawyer	3
Kitchen helpers	24	Ship driller	1
Laundress	11	Shirtmaker	1
Laundrymen	8	Solicitor	1
Laborer	299	Ship builder	1
Lumberman	1	Shoe fitter	1
Locksmith	1	Silver plater	1
Leather worker	1	Shirtmaker	3
Lodging-house keeper	11	Smelter	1
Lawyer	2	Storekeeper	3
Longshoreman	9	Tailor	11
Music Teacher	5	Teamster	17
Marine Firemen	8	Teacher	1
Millhand	1	Tinsmith	4
Millwright	2	Tanner	3
Miller	1	Trunkmaker	1
Metalworker	1	Upholsterer	3
Midwife	1	Vulcanizer	1
Merchant	1	Waiter	18
Molder	7	Watchmaker	3
Machinist	8	Watchman	2
Milliner	4	Wood Turner	1
Miner	32	Writer	1
Nurse	11	Weaver	1
None	75	Weigher	1
Patternmaker	2	Warehouseman	1
Total			1,193

The following is a resume of the work done in the different departments during the last six months:

TAILORING DEPARTMENT.—(Inmate Workers.)

Men's coats repaired	111
Men's vests repaired	94
Men's pants repaired	163
Men's shirts repaired	18
Men's drawers repaired	15
Carpenter's aprons made	2
Total.....	403

SHOEMAKING DEPARTMENT.

(Inmate labor—Repair work only.)

Men's shoes repaired	498
Women's shoes repaired	90
Total.....	588

FEMALE DEPARTMENT.

Men's caps	24
Women's underclothing and aprons.....	865
Sheets, pillowslips, etc.....	454
Tablecloths, towels and shrouds.....	190
Curtains	900
Total.....	2,433

FARMING DEPARTMENT.

Number of acres sown with potatoes.....	18
Number of acres sown with forage	8
Number of acres sown with corn	4
Number of acres sown with vegetables	8
Number of acres used for pasturage	20
Total number of acres.....	58

LIVE STOCK.

Horses	24
Cattle	31
Hogs	40
Total.....	95

ALMSHOUSE EXPENSES FROM JANUARY 1, 1908, TO JUNE 30, 1908.

Beef, mutton, poultry and fish.....	\$11,983.28
Groceries, flour, etc.....	16,473.44
Dry goods, clothing, etc.....	6,799.25
Tobacco	1,200.00
Medicines and drugs	1,216.69

Liquors	1,281.47
Repairs of engines	130.17
Repairs of vehicles and harness.....	374.00
Feed of horses and cattle.....	3,244.07
Horseshoeing	285.75
Fuel and lights	6,423.16
Tools and implements	226.46
Crockery and utensils	150.48
Laundry supplies	563.64
Printing and stationery	210.74
Milk	1,326.60
Cows, pigs and chickens.....	171.80
Petty expenses	138.96
Garden seed	257.80
Salaries	40,809.80
Sundries	1,046.52
Total.....	\$94,314.08

Cost of dry goods, clothing and shoes for six months.....	\$6,799.25
Cost of dry goods, clothing and shoes per day.....	37.77
Cost of dry goods, clothing and shoes for one inmate for six months..	5.69
Cost of dry goods, clothing and shoes for one inmate for one day.....	.031

ALMSHOUSE EXPENSES PER DAY.

Beef, mutton, poultry and fish.....	\$ 66.57
Groceries, flour, etc.....	93.00
Dry goods, clothing, shoes, etc.....	37.73
Tobacco	6.06
Medicines and drugs	6.75
Liquors	7.11
Repair to buildings .....	.72
Repair to vehicles and harness	2.07
Feed of horses and cattle	18.02
Horseshoeing	1.58
Fuel, water and light	35.68
Tools and implements	1.26
Crockery and utensils .....	.83
Laundry supplies	3.13
Printing and stationery	1.17
Milk	7.37
Cows, pigs and chickens .....	.95
Petty expenses .....	.77
Garden seed	1.43
Salaries	226.72
Sundries	5.80
Total.....	\$524.72

TOTAL COST OF FOOD.

Cost of food for six months.....	\$29,783.32
Cost of food for one day.....	165.46
Cost of food for one inmate for six months.....	24.96
Cost of food for one inmate for one day .....	.138

RELIEF HOME

577

EXPENDITURES FOR SIX MONTHS.

January 1, 1908 to June 30, 1908.

	Jan.	Feb.	March	April	May	June
Meat, fish and poultry.....	\$2,261.48	\$1,754.82	\$1,820.97	\$1,939.68	\$1,534.37	\$2,671.86
Groceries, flour, etc.....	3,351.57	3,104.07	2,274.53	2,400.38	2,772.24	2,570.65
Dry goods, clothing.....	1,060.56	1,209.00	973.09	1,483.53	520.01	1,552.98
Tobacco.....	100.00	200.00	250.00	200.00	200.00	250.00
Medicine and drugs.....	98.17	229.84	219.32	112.58	113.71	443.07
Liquors.....	112.37	224.73	247.23	224.73	224.73	247.68
Repairs of engines.....	66.50	50.32	17.97	23.28	38.60	22.58
Repairs of vehicles and harness.....	217.35	184.59	43.85	42.80	13.68	786.80
Feed of horses and cattle.....	20.00	612.64	408.22	513.76	705.30	60.25
Horseshoeing.....	1,214.76	53.00	60.00	57.50	35.00	945.14
Fuel, lights.....	4.75	1,360.86	804.52	1,092.60	1,005.28	58.11
Tools, Implements.....	57.45	79.16	10.70	11.50	62.24	5.70
Crockery and Utensils.....	60.25	42.85	.85	12.60	31.03	172.16
Laundry Supplies.....	34.17	71.56	87.03	97.66	74.98	64.12
Printing and stationery.....	239.40	52.12	11.98	26.20	22.15	216.00
Milk.....		208.80	223.20	216.00	223.20	59.30
Cows, pigs, chickens.....			112.50		59.30	
Petty expenses.....	19.30	18.79	31.51	34.26	25.58	9.52
Salaries.....	7,403.25	7,200.10	6,731.85	6,883.90	6,348.80	6,241.90
Sundries.....	255.85	93.85	125.01	147.87	205.76	218.18
Garden seed.....		13.75	177.27	27.71	17.34	21.73
Total.....	\$16,577.18	\$16,764.85	\$14,631.60	\$15,548.54	\$14,233.40	\$16,558.43

The physical condition of inmates of Relief Home is as follows:

Number of male inmates totally blind.....	36
Number of female inmates totally blind.....	8
Number of male inmates bedridden.....	28
Number of female inmates bedridden.....	17
Number of male inmates crippled.....	134
Number of female inmates crippled.....	96
Number of male inmates able to work.....	96
Number of female inmates able to work.....	105
Number of male inmates convalescent.....	12
Number of female inmates convalescent.....	2
Number of male inmates mentally incompetent.....	15
Number of female inmates mentally incompetent.....	49
Number of male inmates old and infirm.....	251
Number of female inmates old and infirm.....	125
Total.....	1,193

It will be seen from an examination of the foregoing report:

Number of inmates who are able to attend to their own wants.....	420
Number of inmates who are unable to attend to their own wants.....	773

Only one inmate in every three is able entirely to help himself.

With only fourteen nurses, matrons and stewards in the employ of this Institution, one nurse must attend to eighty-five patients.

CONSTRUCTION DURING THE YEAR.

During the year the Relief and Red Cross built the Relief Home for the Aged and Infirm at a cost of approximately \$360,000. In addition to this sum, \$40,000 was expended for equipment of the new buildings.

The building consists of one main structure, containing administration building, dining room, kitchen and eight wings, and accommodates 1,000 people. In addition there are two large social halls, 60x87—one used by men and one by women as reading, sewing and card rooms. There is a butchershop of brick, hand laundry, and three detached buildings, occupied by men, and accommodating 250 people.

In addition to this building, the Relief Funds improved the existing steam laundry, increased the boiler capacity of the engine plant, and installed a new thirty-five kilowatt generator. Installed large steam pump for fire protection, and put in a new electric pump for the water supply. Also laid new mains for fire protection. The cost of this being approximately \$40,000.

The work done by the City during the fiscal year was the erection of a new stable at a cost of \$4,000.00, the addition of a dormitory and repairs to Building No. 4, and the painting and repairing of Building No. 3 at a cost of \$4,000.00, a total of \$8,000.00 being expended for construction work by the City on these grounds.

In this connection it would be well to state during the fiscal year, 1906-1907, the books show the sum of \$12.00 only was spent for maintenance of buildings.

Credit should also be given the City for an expenditure of \$1,500.00 for the erection of a bake oven, in connection with the Relief Home. This money had been appropriated to build an extension to the old bake shop, but was used instead to construct a new bake oven on the site of the new buildings, and is now in successful operation.

Trusting this report meets with the approval of the Honorable Board, I am,

Very respectfully,

C. M. WOLLENBERG,
Superintendent.

Report of Emergency Hospitals.

San Francisco, July 15, 1908.

To the Honorable Board of Health,
City and County of San Francisco, California.

Gentlemen: I have the honor to submit to your honorable Board the annual report of the Emergency Hospital Service, including the Central, Harbor, Potrero, Park and Detention Hospitals, enumerating the cases treated in each Hospital, their disposition, also the number of Ambulance Calls responded to during the fiscal year ending June, 1908.

Respectfully submitted,

WALLACE I. TERRY, M. D.,
Chief Surgeon, Emergency Hospitals.

CENTRAL HOSPITAL.

Number of patients remaining in hospital June 30, 1907.....	6
Number of patients admitted during fiscal year 1907-1908.....	8,694
Total.....	8,700

Disposition of Patients:

Discharged (sent home).....	5,710
Transferred to City Prison.....	103
Transferred to Central Police Station.....	101
Transferred to Southern Police Station.....	70
Transferred to Bush Street Police Station.....	170
Transferred to O'Farrell Street Police Station.....	4
Transferred to Mission Street Police Station.....	72
Transferred to Detention Hospital.....	58
Transferred to Isolation Hospital.....	14
Transferred to City and County Alms House.....	479
Transferred to City and County Hospital.....	649
Transferred to U. S. General Hospital.....	200
Transferred to U. S. Marine Hospital.....	21
Transferred to U. S. Navy Ship.....	1
Transferred to St. Francis Hospital.....	45
Transferred to St. Marys Hospital.....	36
Transferred to St. Lukes Hospital.....	33
Transferred to St. Josephs Hospital.....	49
Transferred to St. Thomas Hospital.....	8
Transferred to German Hospital.....	33
Transferred to French Hospital.....	19
Transferred to University Hospital.....	225
Transferred to Lane Hospital.....	191
Transferred to Hahneman Hospital.....	118
Transferred to Mt. Zion Hospital.....	40
Transferred to McNutt's Hospital.....	4
Transferred to Jefferson Hospital.....	3
Transferred to Scobie Hospital.....	18
Transferred to Clara Barton Hospital.....	5
Transferred to Women's Hospital.....	4
Transferred to Japanese Hospital.....	2
Transferred to Children's Hospital.....	8
Transferred to Dr. Taylor's Sanitorium.....	2
Transferred to Buena Vista Sanitorium.....	1
Transferred to Home Sanitorium.....	1
Transferred to Morgue (dead on arrival).....	19
Number of patients died in Hospital.....	180
Total.....	8,695
Number of patients remaining in Hospital June 30, 1908.....	5

EMERGENCY HOSPITALS

581

HARBOR HOSPITAL.

Number of patients admitted during fiscal year 1907-1908..... 5,836

Disposition of Patients:

Discharged (sent home).....	5,382
Transferred to Harbor Police Station.....	147
Transferred to Central Police Station.....	19
Transferred to Southern Police Station.....	6
Transferred to Central Emergency Hospital.....	152
Transferred to City and County Hospital.....	5
Transferred to Isolation Hospital.....	4
Transferred to U. S. Marine Hospital.....	28
Transferred to U. S. General Hospital.....	3
Transferred to U. S. Navy Ship.....	4
Transferred to St. Francis Hospital.....	6
Transferred to St. Marys Hospital.....	11
Transferred to St. Lukes Hospital.....	10
Transferred to St. Josephs Hospital.....	6
Transferred to German Hospital.....	12
Transferred to Lane Hospital.....	8
Transferred to Hahneman Hospital.....	2
Transferred to Scobie Hospital.....	6
Transferred to Morton Hospital.....	3
Transferred to Mt. Zion Hospital.....	2
Transferred to Morgue (dead on arrival).....	5
Number of patients died in Hospital.....	15
Total.....	5,836

POTRERO HOSPITAL.

Number of patients admitted during fiscal year 1907-1908..... 2,687

Disposition of Patients:

Discharged (sent home).....	2,489
Transferred to Potrero Police Station.....	30
Transferred to Central Emergency Hospital.....	123
Transferred to Detention Hospital.....	1
Transferred to City and County Hospital.....	14
Transferred to Union Iron Works Hospital.....	5
Transferred to St. Francis Hospital.....	1
Transferred to St. Lukes Hospital.....	7
Transferred to St. Marys Hospital.....	3
Transferred to St. Josephs Hospital.....	3
Transferred to Lane Hospital.....	1
Transferred to Morton Hospital.....	1
Transferred to German Hospital.....	4
Transferred to Morgue (dead on arrival).....	3
Number of patients died in Hospital.....	2
Total.....	2,687

EMERGENCY HOSPITALS

PARK HOSPITAL.

Disposition of Patients:

Discharged (sent home).....	1,251
Transferred to Park Police Station.....	14
Transferred to City and County Alms House.....	5
Transferred to City and County Hospital.....	5
Transferred to Central Emergency Hospital.....	139
Transferred to St. Francis Hospital.....	3
Transferred to St. Marys Hospital.....	2
Transferred to St. Lukes Hospital.....	5
Transferred to University Hospital.....	3
Transferred to German Hospital.....	1
Transferred to French Hospital.....	2
Transferred to Scobie Hospital.....	1
Transferred to Clara Barton Hospital.....	1
Transferred to Morgue (dead on arrival).....	7
Total.....	1,437

DETENTION HOSPITAL.

Number of patients admitted during fiscal year 1907-1908..... 662

Disposition of Patients:

Discharged (sent home).....	294
Committed to Mendocino State Hospital.....	126
Committed to Stockton State Hospital.....	65
Committed to Napa State Hospital.....	139
Committed to Eldridge State Hospital.....	10
Committed to Glen Ellen State Hospital.....	10
Committed to Agnews State Hospital.....	2
Transferred to University Hospital.....	1
Transferred to Central Emergency Hospital.....	4
Transferred to St. Marys Hospital.....	1
Transferred to French Hospital.....	1
Returned to City Prison.....	2
Number of patients died in Hospital.....	7
Total.....	662

CENTRAL HOSPITAL.

Number of surgical cases treated.....	6,246
Number of medical cases treated.....	2,448
Total.....	8,694
Number of emergency ambulance calls.....	1,589
Number of transfer ambulance calls.....	273
Total.....	1,862

EMERGENCY HOSPITALS

583

HARBOR HOSPITAL.

Number of surgical cases treated.....	5,414
Number of medical cases treated.....	422
Total.....	5,836
Number of emergency ambulance calls.....	742
Number of transfer ambulance calls.....	171
Total.....	913

POTRERO HOSPITAL.

Number of surgical cases treated.....	2,495
Number of medical cases treated.....	192
Total.....	2,687
Number of emergency ambulance calls.....	188
Number of transfer ambulance calls.....	143
Total.....	331

PARK HOSPITAL.

Number of surgical cases treated.....	1,282
Number of medical cases treated.....	155
Total.....	1,437
Number of emergency ambulance calls.....	219
Number of transfer ambulance calls.....	210
Total.....	429

DETENTION HOSPITAL.

Number of insane cases committed.....	352
Number of insane cases dismissed.....	310
Total.....	662

RECAPITULATION.

Total number of surgical cases treated.....	15,437
Total number of medical cases treated.....	3,217
Total.....	18,654
Total number of insane cases examined.....	662
Grand total.....	19,316
Total number of emergency calls.....	2,738
Total number of transfer calls.....	797
Grand total.....	3,535

FINANCIAL STATEMENT FOR THE FISCAL YEAR 1907-1908.

Appropriation for salary.....	\$40,000.00
Appropriation for maintenance.....	10,240.00
	<hr/>
Total.....	\$50,240.00
Expenditure for salary.....	\$36,101.10
Expenditure for maintenance.....	10,652.33
	<hr/>
Total.....	\$46,753.43
Surplus June 30, 1908.....	3,486.57

ITEMIZED STATEMENT FOR MAINTENANCE.

1. Subsistence.....	\$ 988.85
2. Surgical supplies, dressings, drugs.....	1,986.64
3. Surgical instruments, appliances and repairs.....	390.22
4. Linen, bedding, blankets, etc.....	922.97
5. Ambulance repairs (4).....	706.00
6. Harness repairs, stable supplies, etc.....	441.19
7. Horse shoeing and padding (11 horses).....	665.50
8. Hay and Grain (11 horses).....	1,565.87
9. Veterinary service.....	109.50
10. Laundry work (5 hospitals).....	1,960.06
11. Alcohol and whiskey.....	244.35
12. Kitchen utensils.....	46.18
13. Rent for Central Stable and Potrero Hospital and Stable (July to November, 1907).....	625.00
	<hr/>
Total.....	\$10,652.33

Report of Isolation Hospital.

San Francisco, California, August 25, 1908.

Dr. R. G. Brodrick,
Health Officer.

Dear Sir: I beg leave to submit the following report for the fiscal year ending June 30, 1908:

LEPER DEPARTMENT.

Number on hand, June 30, 1907.....	15
Number admitted, year ending June 30, 1908.....	4
Number escaped, year ending June 30, 1908.....	2
Number of deaths, year ending June 30, 1908.....	2
Number remaining, year ending June 30, 1908.....	17

The present building used for the Leper Department of the Isolation Hospital is wholly unsuited for the purpose for which it is employed. It is a large barn-like structure that has the appearance of having been thrown together in a hurry. The partitions are made of rough unplanned wood, which have been whitewashed sometime in the remote past, and are so badly constructed that large interstices appear through which the wind has full play. The ceilings are fully 24 feet high. This state of affairs precludes any possibility of heating the rooms to anything like a comfortable temperature, and causes much suffering during the winter.

When I assumed charge in February, 1908, I found everywhere manifest the absence of common care. The stable was maintained in the basement. A wooden floor concealed the accumulations of years. The plumbing shared the neglect of the rest of the building. The culinary department was filthy in the extreme. The whole establishment, from front to rear, reeked of absolute neglect, which to my mind could only be explained by one reason, and that, the absence of a responsible head.

Of the patients, other than the Chinese, at the time of their admittance, none had been in the city a sufficient length of time to legally entitle them to the support of this community. I found that these men came here from other places, and from their statements, I am led to believe that they were assisted to the city. The diagnosis of leprosy having been made, they were here interned to remain a charge upon the city until death removed them from the scene.

In view of the fact that it practically means confinement for life for a person when once pronounced a leper, I think it would be well before a patient is admitted, to have him examined by a commission of five men, who are familiar with the disease, each to examine the suspect separately and make a report in writing as to whether they regard him as a leper, non-leper or doubtful. This would, I think, eliminate any possibility of error in diagnosis.

The allowance for the care of these people is ample, and with intelligent direction in its expenditure, much could be done to ameliorate their condition.

Current medical literature has glowing accounts of the use of benzoil nastin in the treatment of this disease. I have sent to Germany for this alleged remedy and intend giving it a thorough trial.

Recommendations: I would recommend that the present structure be razed and that series of cottages be built along the south and east line of the present

hospital lot, one story in height and large enough to accommodate two occupants. Each cottage to have electric lights, gas and bath.

That there be two large recreation rooms, one for Chinese and one for whites, built, and a central kitchen. By building in this manner we would have an area of ground which could be prepared for gardening purposes, and an occupation be given some of the inmates which would be both useful and pleasant.

The greatest difficulty which presents itself in the care of an institution of this character is the laundry. Owing to the contracture of the hands, which is a result of the disease, the majority of the inmates are unfitted to do anything in the shape of work, and there is such a natural abhorrence to the disease, it is impossible to obtain help to do the washing. I would suggest that in the event of new buildings being erected, some thought be given to a mechanical solution of this problem.

It is a matter of great pleasure that I am able to note the generous response of the public to the appeal of the Health Officer for records for the Victor Talking Machine, which is a never-ending source of pleasure to them.

SMALLPOX DEPARTMENT.

Number on hand, June 30, 1907.....	3
Number admitted, year ending June 30, 1908.....	247
Number discharged, year ending June 30, 1908.....	243
Number of diagnostic visits from February, 1908.....	222
Number of deaths, year ending June 30, 1908.....	2
Number remaining June 30, 1908.....	5

It is with great pleasure that I have to announce that, in all probability, by the time this report is printed, the Department of Health will have a structure for the housing of those afflicted with smallpox where they may be taken care of in a manner that fulfills all modern requirements in the treatment of this disease.

The medical world as a unit, and the experience of years, teaches that in vaccination we have an absolute safe-guard against variola; it is therefore rather a reflection upon the intelligence of a community like San Francisco to find, that in the course of a year the health authorities are called upon to care for some hundreds of cases of smallpox.

When one considers the relative cost of a preventable measure, viz.: vaccination, and the cost of the keep of a smallpox case, it would seem that, as an economic measure, each citizen would see to it that every person for whom he is in any way responsible is successfully vaccinated.

During this last epidemic, in response to your order, to inspect the schools, I found that 66% of the children attending school were unvaccinated. In looking for the causes as to why we have smallpox in the city they may be summarized as follows:

(a) Lack of enforcement of the law requiring vaccination, with the result that we have at present a generation which is practically unvaccinated.

(b) The employment by large transportation companies of men who are unvaccinated, and who necessarily come in contact in the course of their work with those afflicted with the disease, or handling articles of clothing, etc., that have been used by those having smallpox.

(d) The non-compliance with the ordinance by physicians which requires all cases of varicella to be reported. The resemblance of the disease under discussion to varicella has led to many deplorable and much regretted errors.

All authorities agree that even the mildest form of modified smallpox in one person may cause "pure hemorrhagic smallpox in another." "There is no relation between the severity of the type of the disease in the individual who is the source of the infection and in the individual who receives it. The lightest

case may cause the most malignant, providing the susceptibility or predisposition of the victim who receives the infection, is strong."

This has been verified in more than one instance. Let us hope that the time is not far distant when it can be said of San Francisco as has been said of Freiburg, "that there has been no opportunity of observing variola in this city for nine years."

As the result of vaccination and re-vaccination in Germany, the disease has been prevented from appearing, so that many physicians have never had an opportunity of seeing smallpox.

Recommendations: (1) That upon entering into the new building a corps of efficient nurses be employed, so that those in charge will be enabled to run the place as a modern, well-kept hospital for infectious diseases.

(2) That an automobile be furnished the surgeon in charge of the institution. Owing to the distance of the hospital from the city, and the fact that he must investigate all cases of chickenpox and smallpox, the transportation facilities at present afforded by means of one buggy, are absolutely inadequate.

(3) That the hospital be equipped with a small steam laundry.

Not one patient admitted to this hospital during the year ending June 30, 1908, could show any evidence of ever having been vaccinated.

Varioloid.....	43
Varioloid, discrete.....	169
Varioloid, confluent.....	32
Varioloid, hemorrhagic.....	3
Total.....	247

ADMISSION BY MONTHS.

1907.	
July.....	7
August.....	5
September.....	6
October.....	12
November.....	7
December.....	33
1908.	
January.....	29
February.....	15
March.....	47
April.....	36
May.....	24
June.....	26
Total.....	247

PLAGUE DEPARTMENT.

First patient admitted, contagious pavilion, August 12, 1907.	
Total number admitted, all diseases.....	364
Total number treated, all diseases.....	188
Total number brought in dead, all diseases.....	176
Total number of necropsies, all diseases.....	223
Total number died, all diseases.....	47
Total number discharged, all diseases.....	141

PLAGUE.

Total number of cases, August 12, 1907 to February 15, 1908.....	158
Total number of deaths, August 12, 1907 to February 15, 1908.....	77
Total number brought in dead, August 12, 1907 to February 15, 1908.....	45
Total number died in hospital, August 12, 1907 to February 15, 1908.....	32
Total number necropsies.....	77
Total number discharged.....	81

In spite of the many warnings which the city had received, the recrudescence of plague in August, 1907, found the city absolutely unprepared for the handling of this disease. The only place that these patients could be housed was in the old contagious pavilion of the City and County Hospital; a place which had been devoted to the housing of cases of diphtheria, erysipelas, measles, etc., and which in a very short time proved inadequate for the purpose for which it was used.

The very name "plague" seems to strike terror into the hearts of the community. This was reflected in the action of employees and mechanics, who threw down their tools and refused to come near the building used for the housing of these people, and this at a time when their services were most needed.

The result was that tents had to be thrown up in order that the patients might obtain shelter. These tents were without flooring, and on the advent of the early rains worked a great hardship upon the patients, nurses and medical staff.

The appearance of the disease within the hospital proper caused a panicky feeling on the part of those entrusted with the care of the sick. This was overcome, however, and with but few instances a more loyal corps was never gathered together.

The lack of laboratory facilities, and the establishment of a laboratory several miles from the hospital, was the cause of great inconvenience, and not a few inaccuracies can be traced to this fact.

The difficulty of obtaining men to handle the dead was one of the problems which presented itself for solution. When one takes into consideration that upward of 200 necropsies were made during the period between August, 1907, and February, 1908, it speaks volumes for the amount of work which was done under such adverse circumstances.

The bodies of all suspects and those dying of plague were necropsied in zinc-lined coffins, and if plague, these coffins were filled with unslaked lime and hermetically sealed.

The inability to obtain the anti-pest serum of Yersin, and the absolute futility of all therapeutic measures other than it, caused marked uneasiness on the part of those in charge of the work. But this proved to be not an unmixed blessing. It served to establish to my mind what is an indisputable fact that the white race enjoys a certain resistance to the disease, which stands them well in hand, when struck down by it. To be sure, this does not apply to the septicaemic and pneumonic types.

The verification of this is to be seen in the fact that the death rate under treatment (serum) was but 32%, 1% more than the death rate in Sydney, as given by Dr. Anderson Stuart, under like circumstances.

Happily we are now in a position, if ever again we should have a visitation from this malady, to cope with the situation. The Department has a modern Isolation Hospital, built on the cottage plan, and fully equipped for the accommodation of fifty patients and their attendants, without inconvenience and with every comfort.

I desire to acknowledge my gratitude to Dr. Rupert Blue, and his fellow officers, for the unflinching support so courteously extended me, and I think it is

a cause for congratulation to the community that it can command the services of such a well-trained and efficient body of sanitarians.

I desire to acknowledge with thanks the services of Dr. W. B. Wherry, in charge of the plague laboratory, also Miss Katherine C. Wynne, chief nurse of the Isolation Hospital.

To the members of the Board I am indeed indebted for the hearty support so cheerfully accorded me.

Respectfully submitted,

ARTHUR A. O'NEILL, M. D.,
Chief Surgeon Isolation Hospital.

Report of City Physician

San Francisco, California, August 1, 1908.

To the Honorable, the Board of Health.

Gentlemen: I have the honor to submit my report on work performed as City Physician during the fiscal year ending June 30, 1908, as follows:

	Totals	1907 July	Aug.	Sept.	Oct.	Nov.	Dec.	1908 Jan.	Feb.	Mar.	April	May	June
No. of persons treated or examined at office.....				16	68	50	55	76	93	88	81	50	56
No. visits to patients.....				13	25	21	18	22	31	19	18	17	20
Patients sent to the private hospitals.....				6	30	17	40	28	41	38	22	14	24
Visits to jails.....				10	21	11	9	13	14	16	24	16	14
Patients therein.....				138	287	165	328	266	242	257	175	314	122
Visits to prisons.....				8	12	12	14	13	10	14	14	11	16
Patients therein.....				136	129	192	223	258	227	292	231	181	218
Special visits.....				5	13	20	10	17	10	24	16	5	5
Hospitals inspected.....				1	1	1	1	1	1	2	2	2	6
Vaccinations.....				92	90	145	195	238	201	238	204	169	190

The work of this branch of the Department of Health includes the medical care of the sick in the City's prisons and jails, visiting the City's indigent sick in their homes, receiving sick calls at the Central Emergency Hospital and referring to the appropriate institution—Municipal or Charitable—destitute aged or sick persons. There are also incidental duties, such as tracing leper suspects, examining victims of rape, inspecting feeble-minded children for the Board of Education, etc.

Formerly there were two City Physicians, one of whom visited the sick in the county jails, while the other responded to calls to the city prison and visited indigent sick persons whose whereabouts were obtained by inquiring at drug stores in the tenement district. They submitted statistical monthly reports.

In September these positions were combined, and Dr. James T. Watkins was elected City Physician. An effort to systematize the work of this branch of the Department had been largely successful. Further, the co-operation of the Associated Charities and other charitable institutions was sought and obtained. As a result, the City's sick and infirm charges have received a degree of attention hitherto unobtainable.

Of late years, applicants for medical aid from the city have, for the most part, been drawn from the foreign element from the floating population and from the ranks of the desolate. Many patients were cared for who should properly have been charges upon other communities. If a man was taken with a lingering illness, at, say McCloud or Colusa, and not infrequently at Oakland, he was and still is likely to take the train for San Francisco where he would present himself to the Health authorities with the expectation that he would be taken care of.

Since the fire of 1906, and especially since the Red Cross has curtailed its activities in this field, a very considerable number of applications for city aid have come from the members of the respectable laboring classes. This can be attributed in part to the effects of the fire, in part to the late financial depres-

sion, and, in part, to the fact that by maintaining beds at the University, Lane and Hahnemann hospitals, as has been the custom for the past year, the City is in a position to offer them a quality of medical service and a degree of comfort unattainable to many, even in the prosperous past.

Persons of this class frequently refuse to be sent to the City and County Hospital because of the objectionable social relations which would there be unavoidable. Unless specially provided for, they prefer to endure the hardships of illness at home. It is generally recognized that one-third of all crimes are indirectly due to sickness, therefore, the special care of these acutely ill and for the most part curable indigent workers which is offered by the City's private hospital, is justified on the grounds of social economy alone.

Without detailing the various steps and changes by which the present method of admitting the City's patients has been arrived at, it will be sufficient to say that, at the present moment, all cases are passed upon by the Chief Emergency Surgeon or the City Physician, and are then referred to a special investigator (obtained originally from the Associated Charities, but now a regularly appointed employee of the Board of Health) whose duty it is to inquire into their financial conditions.

Patients who have been passed, are sent as nearly as possible in rotation to the several hospitals, from which, should their cases become chronic, they are in turn referred to the City and County Hospital.

Other patients presenting chronic and usually incurable disorders, are referred directly to the City and County Hospital.

When an ambulant patient about whose case there is a doubt in the mind of the examining physician presents himself, the patient is sent with a note to the clinic of a specialist expert the kind of disorder complained of, and a written opinion as to the patient's needs obtained from the letter.

It is the expressed opinion of the heads of charitable organizations that, never in their experience have the City's poor received the medical care they have received during the past year, and are still receiving.

On September 21st, a sanitary inspection of the city prison, made by the City Physician and Sanitary Inspector Kuykendall, brought out the facts that, while prisoners were maintained there for months at a time, there were lacking all facilities for bathing or washing, ventilation was inadequate, there were no means for artificially heating the prison, proper vegetable and food bins were lacking, screening against flies and rats was not even attempted, and that the underpinning of the prison and of the police courts above it was inadequate and buckling, so that (vide report) "the building as it stands is, in our opinion, unsanitary and a menace to the lives of those who venture into it."

All these defects have now been remedied. The prison itself has been enlarged about one-third, and the illumination very much improved by painting it white throughout. Except for a lack of medical and surgical facilities, the prison is efficient and can be maintained in a sanitary condition. It should prove adequate to all ordinary demands upon it, till such time as the new Hall of Justice is ready for occupancy.

The prison had not been constructed with the idea in mind that it should be more than a temporary abiding place for persons in custody. The prolonged detention there of prisoners, was therefore made the subject of a special report to the Board of Health (February 2, 1908). "For sanitary reasons, these long periods of detention while awaiting the preliminary disposition of a case are to be condemned, and it is recommended that the police justices be so informed." A report was appended covering all prisoners during three consecutive months who had been detained at the prison for over thirty days.

A very marked change for the better in this respect can be reported. The unduly prolonged detention at the City Prison of persons accused of felonies, has ceased.

Early in the fiscal year 1907-1908, several cases of smallpox had occurred at the jails. This had necessitated quarantining them, thereby inconveniencing the courts and working a hardship to many short term prisoners. An order was then issued that all Sheriff's prisoners should thereafter be examined stripped to the waist and vaccinated at the city prison before sending them to the jails.

This plan has been adhered to ever since with the result that, during the smallpox epidemic this summer, no case appeared at either the prison or the jails.

On September 26th, a sanitary inspection of temporary County Jail No. 3, brought out the fact that the buildings were flimsy constructed shacks, too small for the demands made upon them, open to the weather, badly ventilated, inadequately heated, and without proper screening against the swarms of flies ever present. The kitchen was an outhouse at a distance of perhaps a hundred feet from the other buildings, in which during storms, the cooks were compelled to stand upon gratings to keep out of the water which flooded the floor.

The air was contaminated by the odors of rotten vegetables and animal matter which came from a great dump just without the south wall of the jail enclosure.

Prior to the earthquake of April 18, 1906, the old industrial school had been used as a women's jail; subsequently, it had been condemned. It was now recommended that the south wing of this building be again fitted up as a women's jail. This recommendation has been carried out so effectively that, instead of the old shack, there is an airy, well ventilated, adequately heated jail proper upstairs with two cell blocks capable of accommodating eighty to one hundred inmates, and downstairs a dining hall and large convenient and modern kitchen.

Medical and surgical facilities are lacking. Fortunately, they are not often needed, and the City and County Hospital is close by.

At Jail No. 2, where male offenders are confined, two large heaters have been set up which add materially to the well being of the prisoners in each cell block.

Of still greater hygienic value has been the getting to work upon the roads in the vicinity of the jail, of all short term offenders. The extraordinary improvement in the general health of these prisoners has made itself apparent to all persons who come in contact with them.

Agitation with a view to obtaining an infirmary at the jail, has encountered opposition from the Sheriff. He did not consider adequate to the needs of the jail, the plans for an infirmary upon which estimates had been submitted to the Supervisors. New plans more in accordance with his ideas are being formulated.

There is immediate need at the jail of an infirmary, of a method of segregating prisoners suffering from pulmonary tuberculosis, of an efficient and cheap method for maintaining antiseptic the cells and corridors of the jails, of disposing of the jail garbage, and of sterilizing vermin infested bedding.

What has been accomplished, represents but an insignificant fraction of the work to be done before our penal institutions can be said to be conducted upon a humane and socially economical plan. Legislation is needed to make it possible to commit by the "Indeterminate sentence," men and women addicted to drug habits to hospitals and workhouse or trade farms. They are now sent for repeated short periods to jails—to no purpose.

Respectfully,

JAMES T. WATKINS, M. D.,
City Physician.

STATEMENT OF PERMITS AND TRANSCRIPTS ISSUED AND FEES COLLECTED, FISCAL YEAR 1907-1908.

	1907												1908					Totals
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June						
	Fees	Fees	Fees	Fees	Fees	Fees	Fees	Fees	Fees	Fees	Fees	Fees	Fees	Fees	Fees	Fees		
Bath house permits.....	0	0*	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	
Laundry permits.....	5	6	5	6	4	3	1	1	2	1	1	1	1	1	1	1	36	
Cigar factory permits.....	1	0	0	0	6	0	4	0	0	0	0	0	0	0	0	0	19	
Milk permits.....	0	1	0	0	0	0	0	0	2	0	0	0	0	0	0	0	6	
Master plumber's bonds.....	188	66	28	21	31	12	11	12	7	8	8	12	7	7	7	1	392	
Scavenger wagon permits.....	4	0	0	2	5	0	0	98	255	40	1	98	12	12	7	1	403	
Stable permits.....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Permits to attend school.....	0	6	25	38	33	36	77	52	70	229	164	104	104	104	65	795		
Vaccination Certificates.....	3	20	55	21	5	20	19	5	29	8	19	19	19	19	19	223		
Total.....	201	99	113	88	84	72	112	169	345	288	263	263	263	263	102	1876		
Certified certificate of birth.....	1410.50	1410.50	2418.00	1511.25	86.00	1813.50	75.25	1612.00	4030.00	3828.50	6750.25	4231.50	4231.50	4231.50	303	227.25		
Certified certificate of death.....	5633.00	5436.75	4930.75	6444.25	6244.25	6845.00	5826.75	4528.50	5735.25	4832.25	3723.25	5138.25	5138.25	5138.25	647	428.25		
Disinterment and removal permit.....	11920.00	12420.00	10430.00	13620.00	145.....	10420.00	9550.00	9320.00	137.....	8810.00	12920.00	21260.00	21260.00	21260.00	1483	270.00		
Total.....	18963.50	19267.25	17778.75	21575.50	21550.25	19078.50	16092.00	15460.50	23465.25	17470.75	22893.50	305129.75	305129.75	305129.75	2433	925.50		
Grand total.....	390	291	290	303	299	292	272	323	579	462	431	407	407	407	4309	.....	

FINANCIAL STATEMENT

FINANCIAL STATEMENT OF THE DEPARTMENT OF

MONTH	Central Office		Emergency Hospitals		City and County Hospitals		City and County Almshouse	
	Expense	Salaries	Expense	Salaries	Expense	Salaries	Expense	Salaries
July.....	437.15	4230.00	972.60	3325.00	6778.07	4010.00	5793.78	2310.00
August.....	459.50	4230.00	872.23	3282.00	8161.96	4010.00	7244.66	2420.00
September....	479.20	4380.00	957.82	3276.70	6764.88	4049.20	6428.41	2388.00
October.....	615.22	4197.70	1057.42	2861.85	6726.28	3415.75	5361.51	2341.65
November.....	546.47	4296.70	930.68	2809.80	8485.76	2672.85	6504.47	2054.65
December.....	460.19	4520.00	910.99	2811.25	13370.47	2565.70	*	*
January.....	569.15	4445.00	855.69	2810.00	9982.18	2715.70		
February.....	520.70	4592.34	663.87	2849.50	9950.35	2375.85		
March.....	630.93	4630.65	731.56	2870.00	12182.43	2564.00		
April.....	626.11	4304.35	797.15	3070.00	8726.52	2786.45		
May.....	553.65	4268.65	665.79	3065.00	9894.83	3353.20		
June.....	839.59	4631.35	1237.63	3070.00	9637.14	3489.45		
Total.....	6737.86	52726.74	10653.43	36101.10	110660.87	38008.15	31332.83	11514.30

* In November, 1907, the City and County Alms House was turned over to

FINANCIAL STATEMENT

595

PUBLIC HEALTH FOR THE FISCAL YEAR 1907-1908.

Twenty-sixth Street Hospital		Smallpox Hospital		Isolation Hospital		Special Sanitation		Totals
Expense	Salaries	Expense	Salaries	Expense	Salaries	Expense	Salaries	
449.54	425.00	181.00	290.00					29202.14
580.35	425.00	269.86	285.00			2298.05	201.00	34739.61
237.01	390.00	157.60	290.00			7940.81	14112.45	51852.08
223.96	425.00	219.16	290.00			11681.33	26168.80	68585.63
321.08	460.00	97.36	302.50	235.90	586.80	13799.32	19220.85	63325.19
465.02	425.00	258.17	290.00	397.70	800.00	8352.49	3266.65	38983.63
196.42	425.00	118.08	290.00	256.38	681.10	12419.35	3101.50	38866.15
536.46	358.35	506.11	175.00	291.07	500.00	7210.02	2880.33	33409.95
146.72	294.00	156.14	150.00	134.21	500.00	9900.77	3037.00	37928.41
275.71	315.00	358.10	210.00	62.37	485.00	7935.65	2678.15	32630.56
264.48	330.00	220.54	240.00	95.00	465.00	6072.01	2399.65	31887.80
433.80	335.00	372.42	210.00	110.00	530.00	5870.56	2222.00	32988.94
4130.55	4607.35	2914.54	3022.50	1583.23	4637.90	96480.36	79288.38	494400.09

the San Francisco Relief and Red Cross Funds.

DIVISION OF
VITAL STATISTICS

ED. M. COFFEY
STATISTICIAN

VITAL STATISTICS

BIRTHS REGISTERED DURING FISCAL YEAR 1907-08.

MONTH	SEX		RACE			NATIVITY OF PARENTS											MIXED PARENTAGE			TOTALS.....
	MALES	FEMALES...	White.....	Mongolian	Black	U. S.....	Germany...	Gt. Britain.	Ireland.....	Italy.....	China.....	Japan.....	France.....	Scandinavia..	Others	Unascertained.....	Anglo-Saxon	Latin	Others	
1907.																				
July.....	249	193	434	0	0	222	20	4	10	45	0	2	11	20	21	4	15	14	54	442
August.....	226	169	384	3	0	187	14	8	29	29	2	4	6	20	19	6	17	5	52	395
September.....	253	221	466	8	0	227	18	7	28	35	1	5	6	16	32	1	22	6	70	474
October.....	333	325	649	0	0	305	26	10	33	56	5	2	19	33	48	1	29	11	80	658
November.....	200	177	371	0	0	186	10	8	12	27	1	4	12	15	22	2	15	5	56	377
December.....	232	223	447	0	0	217	7	8	25	47	4	4	5	17	26	1	21	5	68	455
1908.																				
January.....	232	211	438	3	0	208	20	10	29	42	1	1	4	25	17	0	18	6	62	443
February.....	223	174	386	11	0	201	9	7	24	39	5	6	4	16	26	2	17	4	37	397
March.....	163	133	277	18	1	132	16	7	18	24	8	9	5	9	19	4	8	4	33	286
April.....	175	191	353	12	1	159	8	12	15	37	3	10	8	16	27	1	19	5	46	366
May.....	315	326	622	17	2	294	22	20	34	47	4	6	10	20	52	3	56	12	61	611
June.....	331	272	591	12	0	290	19	13	25	37	2	4	16	26	51	1	45	9	65	603
Totals.....	2332	2615	5418	117	12	2628	189	114	282	462	36	57	106	233	360	26	282	88	684	5547

TABLE NO. 1.
CLASSIFIED LIST OF CAUSES OF DEATHS ARRANGED ACCORDING TO MONTHS.
For the Fiscal Year Ending June 30, 1908.

CAUSES OF DEATH (International Classification)	1907												1908														
	July		Aug.		Sept.		Oct.		Nov.		Dec.		Jan.		Feb.		Mar.		Apr.		May		June				
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
DEATHS FROM ALL CAUSES.	6,476	4,079	2,307	3,471	1,803	1,793	303	181	329	204	326	193	388	247	380	240	347	201	374	232	301	171	353	189	315	168	
I. General Diseases	1,931	1,214	717	94	44	95	68	101	54	107	71	116	61	115	72	107	64	104	61	94	62	93	56	118	45	70	59
II. Diseases of Nervous System	585	330	257	30	19	15	24	20	28	17	26	18	28	28	25	18	35	19	32	32	23	14	29	28	31	20	
III. Diseases of Circulatory System	936	619	373	55	34	55	25	39	27	45	29	53	31	52	41	62	35	49	33	70	36	41	26	52	32	46	
IV. Diseases of Respiratory System	784	499	285	43	18	26	17	27	15	32	20	24	24	61	23	75	42	48	38	47	39	31	21	46	18	39	
V. Diseases of Digestive System	570	356	214	41	20	38	18	34	21	28	27	28	18	25	28	26	16	24	14	35	17	28	13	17	12	32	
VI. Diseases of Genito-Urinary System	447	270	177	22	11	15	16	21	15	21	15	21	15	22	22	33	19	23	14	28	14	26	24	18	13	22	
VII. Childbirth	58	58	2	4	4	4	4	4	4	4	4	4	4	4	4	9	5	4	5	4	5	4	5	9	8		
VIII. Diseases of the Skin	15	9	6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	3	1		
IX. Diseases of the Locomotor System	5	2	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
X. Malformations	33	15	18	1	3	2	1	1	1	2	2	1	1	1	1	1	1	1	1	2	2	1	1	2	3	2	
XI. Early Infancy	214	115	94	5	11	13	5	9	6	8	7	9	11	9	6	11	11	4	10	11	10	8	11	13	12	3	
XII. Old Age	112	51	6	7	2	3	6	5	8	6	5	5	4	7	11	5	1	6	4	1	6	4	1	4	5	4	
XIII. Violence	652	558	94	50	12	39	9	40	6	46	6	35	3	60	7	43	10	49	8	52	8	41	6	53	8	50	
XIV. Ill-Defined Diseases	74	41	33	2	3	2	2	6	6	6	6	3	4	8	6	3	4	1	3	3	1	1	3	1	1	6	
I. General Diseases.																											
(a) Epidemic Diseases.																											
1 Typhoid fever																											
2 Typhus, exanthematic																											
3 Fever, recurrent																											
4 Fever, intermit. and malar. cachexia																											
5 Smallpox	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
6 Measles	4	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
7 Scarlatina	24	11	13	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
8 Whooping cough	16	8	8	2	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
9 Diphtheria	8	8	2	1	3	1	2	2	5	5	8	2	2	4	5	9	2	6	5	8	4	3	1	1	1	1	
9a Croup	90	53	37	4	3	4	3	4	5	5	8	2	2	4	5	9	2	6	5	8	4	2	1	1	1	5	

TABLE NO. 1—Continued.
 CLASSIFIED LIST OF CAUSES OF DEATHS ARRANGED ACCORDING TO MONTHS.
 For the Fiscal Year Ending June 30, 1908.

CAUSES OF DEATH (International Classification)	GRAND TOTALS...			MALES			FEMALES			1907												1908					
										July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June						
										M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.						
										M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.						
Icterus neonatorum	6	5	1										1			1	1	1	1								
Inanition	53	24	29										4	2	3	1	3	2	1	2	2						
Marasmus	37	20	17										3	2	2	3	2	2	1	2	2						
152 Other diseases early infancy—																											
Asphyxia neonatorum	6	4	2										1														
Melena neonatorum	4	2	2																								
Lack of Care (Exposure)	1	1	1																								
XII. Old Age.																											
154 Senility	112	51	61										8	6	5	4	7	11	5	1	6						
XIII. Violence.																											
155 Suicide by Poison—																											
Arsenic	3	3																									
Bi-Chloride Mercury	1	1																									
Carbolic acid	35	19	16										2	2	1	2	2	3	2	1	3						
Chloral	1	1																									
Cocaine	1	1																									
Corrosive sublimate	1	1																									
Cyanide of potassium	7	6	1										1			1											
Laudanum	1	1																									
Methyl Alcohol	1	1																									
Morphine	8	8	2																								
Penol	1	1																									
Strychnine	3	2	1																								
Suicide by asphyxia (illum. gas)	21	16	5										1	1	2	1	4	2	1	1	1						
Suicide by hanging	11	9	2										1	1	2	1	1	1	1	1	1						
Suicide by drowning	2	2	1																								

DEATHS REGISTERED
ACCORDING TO AGES

TABLE No. II.
REPORT OF DEATHS REGISTERED DURING

CAUSES OF DEATH (International Classification)	GRAND TOTALS...	MALES	FEMALES	By											
				Unde- 1 Week		1 Wk. to 1 Mo.		1 Mo. to 6 Mos.		6 Mos. to 1 Yr.		1 to 2 Yrs.		2 to 3 Yrs.	
				M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
DEATHS FROM ALL CAUSES.	6,476	4,079	2,397	89	77	93	52	185	143	85	70	76	57	37	3
I. General Diseases	1,931	1,214	717	3	9	3	18	15	19	12	21	24	18	1	1
II. Diseases of Nervous System	585	330	255	8	5	5	17	12	12	9	11	4	5	1	1
III. Diseases of Circulatory System	996	619	377		1	2	2	3	2		1				
IV. Diseases of Respiratory System	784	499	285	3	4	14	9	37	22	22	24	17	17	5	1
V. Diseases of Digestive System	570	356	214	3	21	8	55	39	24	14	15	8	3		
VI. Diseases of Genito-Urinary System	447	270	177	1		1		3	1	1					
VII. Childbirth	58		58												
VIII. Diseases of the Skin	15	9	6						1						
IX. Diseases of the Locomotor System	5	2	3												
X. Malformations	33	15	18	8	13	4		3	4		1				
XI. Early Infancy	214	115	99	55	47	36	25	24	27						
XII. Old Age	112	51	61												
XIII. Violence	652	558	94	11	5	2		2	1		1	7		3	
XIV. Ill-Defined Diseases	74	41	33					24	18	5	9	4	4	2	
I. General Diseases.															
(a) Epidemic Diseases.															
1 Typhoid fever	107	74	33												1
2 Typhus, exanthematic															
3 Fever, recurrent															
4 Fever, intermit. and malar. cachexia	3	2	1												
5 Smallpox	4	4				1									
6 Measles	24	11	13				1	1	2	1	5	6	2		
7 Scarletina	5	3	2					1	1						
8 Whooping cough	16	8	8			2		3	4	2	2		2	1	
9 Diphtheria	90	53	37					1			2	4	6	3	
9a Croup															
10 Influenza	29	14	15		1			1			1				
11 Miliary fever															
12 Cholera, Asiatic															
13 Cholera, nostras	2	1	1												
14 Dysentery (acute)	3	3					1								
14a Dysentery (chronic)	3	2	1												
15 Pest (Plague)	76	54	22					1	1		2	1	1		
16 Yellow fever															
17 Leprosy															
18 Erysipelas	8	6	2										1		
19 Other epidemic diseases—Beri-Beri.	1	1													
(b) Other General Diseases.															
20 Purulent infection and septicemia—															
Following carbuncle	1		1												
Infection, Arm	1	1							1						
Infection, Eye	1		1										1		
Infected Ulcer of Leg	1	1													
Fracture, Arm	1	1													
Fracture, Leg	1	1													
Wounds of Back	1	1													
Wound of Foot	1	1													
Necrosis Scrotum	1	1													
Phlebitis, Thigh	1		1												
Streptococcus Infection	1	1													
Septicemia (unqualified)	1	1													
Pyemia, fall, scratch on face	1	1													
Pyemia (unqualified)	1		1												
21 Glanders and farcy															
22 Malign. pustule and charbon (anthrax)															
23 Rabies															
24 Actinomycosis, trichinosis, etc.															
25 Pellagra															
26 Tuberculosis of Larynx															
27 Tuberculosis of lungs	729	490	239			1	1	3	1	1	1	1	2		
28 Tuberculosis meningitis	63	37	26			1		4	3	7	5	6	4	6	
29 Tuberculosis, abdominal—of Intes- tines	17	13	4					2							

TABLE No. II—Continued.

REPORT OF DEATHS REGISTERED DURING

CAUSES OF DEATH (International Classification)	GRAND TOTALS	MALES	FEMALES	By														
				Under 1 Week		1 Wk. to 1 Mo.		1 Mo. to 6 Mos.		6 Mos. to 1 Yr.		1 to 2 Yrs.		2 to 3 Yrs.				
				M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.			
75 Diseases of the eye and its adnexa.....																		
76 Diseases of the ear—Otitis media.....	8	5	3			1	1	1										
III. Diseases of Circulatory System.																		
77 Pericarditis	5	6	2															
78 Endocarditis, acute	44	24	20					1										
79 Organic diseases of the heart—																		
Valvular	384	236	148			2	2	2	1									
Dilatation of	94	58	36															
Endocarditis, chronic	81	55	26															
Fatty heart	38	16	22															
Myocarditis, chronic	206	130	76															
80 Angina pectoris	24	16	8															
81 Diseases of the arteries—																		
Aneurism of aorta	18	16	2															
Aneurism Iliac Artery.....	1	1																
Arterio-sclerosis	62	38	24															
Atheroma of	12	7	5															
82 Embolism and thrombosis	17	10	7															
83 Diseases of veins (Varicose-hem. from).....	2	2																
84 Diseases of lymphatics (Lymphan- gitis).....	1	1																1
85 Hemorrhages—Hemophilia	1	1											1					
Purpura hemorrhagica	3	2	1			1			1									
86 Other diseases of circulatory system.....																		
IV. Diseases of Respiratory System.																		
87 Diseases of the nasal fossa																		
88 Diseases of the Larynx—Edema of Laryngitis.....	2	2						1						2				
Croup, spasmodic	5	2	3					1										
Edema of Glottis.....	2	2							1									
89 Diseases of thyroid body— Myxedema.....	2	2																
90 Bronchitis, acute	1	1																
Capillary Bronchitis.....	34	15	19			1	5	1	1	1	1			1	1			
91 Bronchitis, chronic	29	16	13			1	2	2	5	2	2			2				
92 Broncho pneumonia	53	31	22					1						1				
93 Pneumonia	197	109	88	1	2	9		21	15	9	11	8	10	2				
94 Pleurisy	419	292	127	1	2	2	7	8	3	6	9	5	6	2				
95 Pulmonary congestion and apoplexy.....	27	10	17															
96 Gangrene of lung	7	7		1	2		1											
97 Asthma (bronchial)																		
98 Pulmonary emphysema																		
99 Other diseases of respiratory system																		
Abscess of lung.....	6	4	2															
V. Diseases of Digestive System.																		
100 Diseases of mouth and adnexa— Thrush	1		1			1												
101 Diseases of Pharynx— Abscess of.....	1	1																
Tonsillitis.....	2	2																
102 Diseases of esophagus—																		
103 Ulcer of the stomach	26	16	10															
104 Other Diseases of Stomach— Gastritis, acute.....	18	11	7	1		2	1	3	3	1	1	1						
Gastritis, chronic	21	9	12						1	1								1
Pylorus, stricture of.....	1		1															
105 Diarrhea and enteritis (under 2 yrs.) Cholera infantum.....	15	12	3			1		6	1	3	9	1						1

TABLE No. II—Continued.
REPORT OF DEATHS REGISTERED DURING

CAUSES OF DEATH (International Classification)	GRAND TOTALS...	MALES	FEMALES	Social					
				Single		Married		Widowed	
				M.	F.	M.	F.	M.	F.
DEATHS FROM ALL CAUSES.	6,476	4,079	2,397	1,953	819	1,280	853	475	680
I. General Diseases	1,931	1,214	717	643	240	361	301	109	155
II. Diseases of Nervous System	585	330	255	152	84	113	73	50	92
III. Diseases of Circulatory System	996	619	377	191	58	243	145	128	170
IV. Diseases of Respiratory System	784	499	285	242	122	146	77	58	84
V. Diseases of Digestive System	570	356	214	205	98	101	66	26	46
VI. Diseases of Genito-Urinary System	447	270	177	77	23	124	87	45	63
VII. Childbirth	58		58		6		52		
VIII. Diseases of the Skin	15	9	6	1	1	6	4	2	1
IX. Diseases of the Locomotor System	5	2	3	1	2	1			1
X. Malformations	33	15	18	15	18				
XI. Early Infancy	214	115	99	115	99				
XII. Old Age	112	51	61	8	3	14	8	27	50
XIII. Violence	652	558	94	265	33	170	40	29	18
XIV. Ill-Defined Diseases	71	41	33	38	32	1		1	
I. General Diseases.									
(a) Epidemic Diseases.									
1 Typhoid fever	107	74	33	54	18	14	11	1	4
2 Typhus, exanthematic									
3 Fever, recurrent									
4 Fever, intermit. and malar. cachexia	3	2	1	2	1				
5 Smallpox	4	4		2		1			
6 Measles	24	11	13	11	13				
7 Scarlatina	5	3	2	3	2				
8 Whooping cough	16	8	8	8	8				
9 Diphtheria	90	53	37	51	33	2	2		1
9a Croup									
10 Influenza	29	14	15	4	2	6	6	3	6
11 Miliary fever									
12 Cholera, Asiatic									
13 Cholera, nostras	2	1	1			1			1
14 Dysentery (acute)	3	3		3					
14a Dysentery (chronic)	3	2	1	2					1
15 Pest (Plague)	76	54	22	26	9	16	7	3	2
16 Yellow fever									
17 Leprosy									
18 Erysipelas	8	6	2	2	1	3		1	1
19 Other epidemic diseases—Beri-Beri	1	1				1			
(b) Other General Diseases.									
20 Purulent infection and septicemia—									
Following carbuncle	1		1					1	
Infection, Arm	1	1		1					
Infection, Eye	1		1		1				
Infected Ulcer of Leg	1	1							
Fracture, Arm	1	1		1					
Fracture, Leg	1	1		1					
Wounds of Back	1	1							
Wound of Foot	1	1						1	
Necrosis Scrotum	1	1				1			
Phlebitis, Thigh	1		1				1		
Streptococcus Infection	1	1		1					
Septicemia (unqualified)	1	1				1			
Pyemia, fall, scratch on face	1	1		1					
Pyemia (unqualified)	1		1		1				
21 Glanders and farcy									
22 Malig. pustule and charbon (anthrax)									
23 Rabies									
24 Actinomycosis, trichinosis, etc.									
25 Pellagra									
26 Tuberculosis of Larynx									
27 Tuberculosis of lungs	729	490	239	277	75	137	120	35	36
28 Tuberculosis meningitis	63	37	26	33	25	1	1		
29 Tuberculosis, abdominal—of Intestines	17	13	4	11	1	1	3		

VITAL STATISTICS

633

TABLE No. II—Continued.

FISCAL YEAR ENDING JUNE 30, 1908.

Relation				Color								Nativity										
Divorced		Unascertained		White		Chinese		Japanese		African		San Francisco		Other Parts of Cal		Other States		Foreign		Unascertained		
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
39	20	332	25	3,887	2,376	113	7	46	8	33	6	692	521	467	364	735	451	1,946	1,020	239	41	
10	10	91	11	1,122	710	55	4	26	2	11	1	1,179	151	182	145	204	120	605	287	44	14	
7	2	14	4	326	254	22	2	2	2	4	2	67	50	44	28	71	65	137	108	11	4	
1	2	50	2	590	375	22	3	3	4	2	34	23	29	28	140	98	378	223	38	5	5	
4	2	49	2	488	281	7	2	2	2	2	95	72	58	37	77	46	233	125	36	5	5	
3	3	21	1	341	213	7	1	4	4	4	94	62	56	44	51	31	135	75	20	2	2	
5	2	19	2	257	174	10	2	2	3	1	18	13	13	23	72	45	155	88	12	2	2	
				58	3							11		12		12			23			
				9	6							1	1	1	2	1	6		3		1	
				2	3									1	1	2			1			
				15	18							14	16	1	1	1						
				113	99			1		1		91	82	2	14	1				1	1	2
1		1		51	61							7	10	1	1	15	12	36	49			
8	1	26	2	534	92	9		6		9	2	78	19	51	17	100	18	254	36	75	4	
		1	1	39	32	1		1	1	1		22	22	9	8	1			7	1	2	2
	1		4		71	33		2		1		15	6	17	12	11	4	30	10	1	1	
					2	1										1	1	1				
		1			4							1		1				2				
					11	13						7	6	4	4		1			1		1
					3	2						1	1	1	1	1						
					8	8						5	6	2	3						1	
			1	53	36							25	17	20	9	5	4	3	5		1	
		1	1	14	15							1	1	1		3	4	9	9		1	
					1	1																
					3										1	1						
					2	1									1	1						
		9	4	44	21	6		4			1	3	2	7	8	5	3	37	7	2	2	
				6	2							1	1	2		1		2			1	
					1							1										
					1	1									1							
					1																	
		1			1																	
					1																	
					1																	
					1																	
					1																	
					1																	
					1																	
					1																	
5	6	36	2	432	236	39	2	12	1	7		67	53	72	60	91	36	244	86	16	4	
		3		34	26			2		1		19	22	7	4	5		6				
				10	4			1				2		4	2	2			5		2	

TABLE No. II—Continued.
 REPORT OF DEATHS REGISTERED DURING

CAUSES OF DEATH (International Classification)	GRAND TOTALS...	MALES	FEMALES	Social					
				Single		Married		Widowed	
				M.	F.	M.	F.	M.	F.
Peritoneal.....	24	10	14	7	4	1	10	2	.....
30 Pott's disease.....	4	3	1	2	1				
31 Tuberculosis abscess.....									
32 White Swelling (Tub. of Hip-Joint).....	2	1	1	1	1				
33 Tuberculosis of other organs— Tuberculosis Adenitis.....	2	1	1	1	1				
Of Femur.....	1		1		1				
34 Generalized tuberculosis.....	11	8	3	6	1	1	1		1
35 Scrofula.....									
36 Syphilis (congenital).....	16	10	6	10	6				
(Acquired).....	14	12	2	8		2		1	1
37 Gonorrhoea of the adult.....									
38 Gonorrhoeal infect. of children (Gonorrhoea) Ophthalmia.....	2	1	1	1	1				
39 Cancers of Buccal Cavity— Lip.....	2	1	1				1	1	
Maxilla.....	3	1	2			1	1		1
Mouth.....	2	2				1			1
Tongue.....	9	9				6			1
Tongue (operative shock).....	2	2		2					
Tonsil.....	2	2				1			1
Sarcoma of maxilla.....	5	5		1		4			
40 Cancers of stomach and liver— Stomach.....	156	108	48	20	7	62	19	15	20
Stomach (operative sepsis).....	1		1					1	
Liver.....	39	19	20	3	3	9	10	5	7
Sarcoma of stomach.....	2	2		1		1			
Sarcoma of liver.....	1		1				1		
41 Cancers of intestines and rectum— Intestines.....	34	13	21	4	2	7	11	2	7
Intestines (operative shock).....	1	1				1			
Rectum.....	17	9	8	1	1	4	4	4	3
Rectum (operative shock).....	2	1	1			1	1		
Sarcoma of intestines.....	1	1							
Retro-Peritoneal Sarcoma.....	2	2		1		1			
42 Cancers of female genital organs— Ovary.....	1		1		1				
Ovary (operative sepsis).....	1		1				1		
Uterus.....	44		44		1		25		17
Sarcoma Uterus.....	2		2				1		1
Cancer, Vagina (operative shock).....	1		1						1
Nulva.....	3		3						3
43 Cancers of breast.....	34		34		5		14		13
Sarcoma of.....	1		1			1			
44 Cancer of the skin— Face.....	6	3	3			2	1	1	2
Sarcoma of Face.....	1		1						1
45 Cancers of other organs— Bladder (urinary).....	11	10	1	3		5	1	2	
Groin.....	1		1						1
Head.....	2	2						2	
Hip.....	4	2	2	1		1	1		1
Larynx.....	8	7	1	1		3		4	1
Lung.....	2		2				1		1
Neck.....	13	10	3	3		3	2	2	1
Penis.....	1	1				1			
Disseminated Cancer.....	5	3	2	1		2			
Disseminated Cancer (op. shock).....	1		1				1		
Sarcoma Axilla— Brain.....	1	1							
Finger.....	3	2	1			2	1		
Lumbar Region.....	1	1		1					
Neck.....	1	1		1		2			1
Orbit.....	4	3	1	1					1
Orbit.....	2	2		1					1
Pelvis.....	1	1		1					

VITAL STATISTICS

635

TABLE No. II—Continued.

FISCAL YEAR ENDING JUNE 30, 1908.

Relation				Color								Nativity										
Divorced		Unascertained		White		Chinese		Japanese		African		San Francisco		Other Parts of Cal		Other States		Foreign		Unascertained		
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
			1		8	13			2	1			4	2	1	2		2		5	8	
					3	1									1				3			
					1	1							1						1			
					1			1						1	1							
			1		7	3					1		1	2		2			3	2	1	
			1	1	10	6						4	7	5	1		2		9	1	1	1
					11	2	1															
					1	1						1	1									
					1	1													1	1		
					1	2												1	1	1		
					2														2			
					2									1		2			6			
					2											1			1			
					2												2		2			
					5												2		3			
1	2	10			105	48	2		.1			2	1	4	4	16	10		82	33	4	
			2		19	20						1	4	1	1	4	6		13	9		
					2											2						
					1													1				
			1		11	21	1		1				2	1	2	3	8		9	12		
					1														1			
					9	8						1		1	3	2			6	4		
					1	1						1							1			
			1		1	1													1			
					2											1			1			
					1										1							
			1			44							2		3	14				25		
					2																	
					1															1		
					3															3		
					1															1		
			1			1																
					10	1								1		1			8	1		
					2	1										1				1		
					2										1	1			1	1		
					7	1													7	1		
					2																2	
			2		10	3								3	1				5	2	2	
			1		1	2										1			3	1		
					3	2										1				1		
			1			1														1		1
					2	1								1		1					1	
					1	1													1			
					1															1		
					2	1	1							1					2	1		
					2									1					1			
					1														1			

TABLE No. II—Continued.
REPORT OF DEATHS REGISTERED DURING

CAUSES OF DEATH (International Classification)	GRAND TOTALS...	MALES	FEMALES	Social						
				Single		Married		Widowed		
				M.	F.	M.	F.	M.	F.	
Pharynx.....	2	2		1		1				
Spleen.....	1	1				1				
Testicle.....	1	1		1						
Thigh.....	3	2	1	2						
Disseminated Sarcoma.....	2		2		1					
46 Other tumors (non-cancerous)— Abdominal.....	3		3					3		
Of Larynx.....	1		1					1		
47 Rheumatism, acute articular.....	19	9	10	6	8	2	2	2		
48 Rheumatism, chronic, and gout.....	9	2	7		1	2	2			
49 Scurvy.....										
50 Diabetes.....	50	27	23	7	1	13	9	6	13	
51 Goitre, Exophthalmic (op. shock).....	3		3					3		
52 Addison's disease.....	1	1							1	
53 Leukemia.....	11	7	4	4	2	2	2			
54 Anemia; chlorosis.....	14	8	6	4		3	6	1		
55 Other general diseases.....										
56 Alcoholism, acute and chronic.....	90	79	11	32	1	24	10	11		
57 Lead poisoning.....	4	4		3		1				
58 Other professional intoxications..... Cyanide Potassium.....	1	1				1				
59 Other chronic poisons (morphinism).....	10	10		5		1		1		
II. Diseases of Nervous System.										
60 Encephalitis; cerebritis.....	3	2	1	1			1	1		
61 Meningitis, simple (cerebral).....	60	32	28	26	19	3	6	1	2	
Meningitis, simple (spinal).....	7	3	4	2	4	1				
61a Epidemic Cerebro Spinal Meningitis.....	65	42	23	35	21	3	2	1		
62 Locomotor ataxia.....	11	10	1	3		6		1	1	
63 Other diseases spinal cord— Ascending Paralysis.....	1	1		1						
Hematomyelia.....	1		1		1					
Infantile paralysis.....	1		1		1					
Myelitis transverse.....	3	2	1	1			1			
Paralysis Agitans.....	2	1	1		1	1				
Progressive muscular atrophy.....	6	3	3	1	1	2			2	
Sclerosis Multiple.....	1		1				1			
Tumor of.....	1	1				1				
64 Apoplexy, cerebral.....	258	138	120	25	8	69	46	39	61	
65 Cerebral softening.....	26	17	9	5		7	1	5	8	
66 Paralysis.....	38	15	23	4	2	7	8	2	13	
67 Paralysis, general, of insane.....	9	6	3	4		2	1		2	
68 Other forms mental disease (acute mania).....	4	1	3			1	1		2	
69 Epilepsy.....	9	6	3	4	2	2	1			
70 Eclampsia (non-puerperal).....	3	1	2	1	2					
71 Convulsions of children.....	31	21	10	21	10					
72 Tetanus—Trismus neonatorum.....	3	1	2	1	2					
Following extraction tooth.....	1	1		1						
Incised wound, ankle.....	1		1		1					
Punctured wound, foot.....	3	3		3						
Wound of hand.....	1	1				1				
Ulcer of rectum.....	1		1		1					
Inflammation Umbilicus.....	1	1		1						
Vaccination.....	2	2		2						
73 Chorea.....	1	1		1						
74 Other diseases of nervous system— Brain, abscess of.....	10	8	2	2		5	1		1	
Brain, tumor of.....	6	3	3	2	3	1				
Hydrocephalus, acute.....	4	2	2	1	1		1			
Cretinism.....	1		1		1					
Glosso-Pharyngeal Paralysis.....	1		1		1					
Neuritis, alcoholic.....	1		1				1			

TABLE No. II—Continued.
REPORT OF DEATHS REGISTERED DURING

CAUSES OF DEATH (International Classification)	GRAND TOTALS...	MALES	FEMALES	Social						
				Single		Married		Widowed		
				M.	F.	M.	F.	M.	F.	
75 Diseases of the eye and its adnexa.....										
76 Diseases of the ear—Otitis media.....	8	5	3	4	2	1	1			
III. Diseases of Circulatory System.										
77 Pericarditis	8	6	2	3	1	1	1			
78 Endocarditis, acute	44	24	20	14	10	5	9	3	1	
79 Organic diseases of the heart—										
Valvular	384	236	148	71	25	94	57	47	63	
Dilatation of	94	58	36	20	5	20	13	15	18	
Endocarditis, chronic	81	55	26	14	4	24	12	10	10	
Fatty heart	38	16	22	2	1	11	11	1	10	
Myocarditis, chronic	206	130	76	42	10	44	28	33	37	
80 Angina pectoris	24	16	8	1		11	4	3	4	
81 Diseases of the arteries—										
Aneurism of aorta	18	16	2	5		8	1	1	1	
Aneurism Iliac Artery.....	1	1				1				
Arterio-sclerosis	62	38	24	9	2	14	3	13	19	
Atheroma of	12	7	5	3		2		1	5	
82 Embolism and thrombosis	17	10	7	3		6	5	1	2	
83 Diseases of veins (Varicose-hem. from).....	2	2				2				
84 Diseases of lymphatics (Lymphan- gitis).....	1	1		1						
85 Hemorrhages—Hemophilia	1	1		1						
Purpura hemorrhagica	3	2	1	2			1			
86 Other diseases of circulatory system										
IV. Diseases of Respiratory System.										
87 Diseases of the nasal fossa										
88 Diseases of the Larynx—Edema of Laryngitis.....	2	2		2						
Croup, spasmodic	5	2	3	2		3				
Edema of Glottis.....	2	2		2						
89 Diseases of thyroid body— Myxedema.....	2	2		1						
90 Bronchitis, acute	34	15	19	9	7	5	5	1	7	
Capillary Bronchitis.....	29	16	13	11	7	4	1	1	5	
91 Bronchitis, chronic	53	31	22	5	4	18	5	7	13	
92 Broncho pneumonia	197	109	88	70	51	22	15	13	22	
93 Pneumonia	419	292	127	122	47	93	45	34	33	
94 Pleurisy	27	10	17	10	3	2	4	2	3	
95 Pulmonary congestion and apoplexy..	7	7		6		1				
96 Gangrene of lung										
97 Asthma (bronchial)										
98 Pulmonary emphysema										
99 Other diseases of respiratory system										
Abscess of lung.....	6	4	2	2		1	1		1	
V. Diseases of Digestive System.										
100 Diseases of mouth and adnexa— Thrush	1		1		1					
101 Diseases of Pharynx— Abscess of.....	1	1		1						
Tonsillitis.....	2	2		1				1		
102 Diseases of esophagus—										
103 Ulcer of the stomach	26	16	10	8	2	5	4	2	4	
104 Other Diseases of Stomach— Gastritis, acute.....	18	11	7	8	5	3	1		1	
Gastritis, chronic	21	9	12	3	2	4	2	2	8	
Pylorus, stricture of.....	1		1	1						
105 Diarrhea and enteritis (under 2 yrs.) Cholera infantum	15	12	3	12	3					

VITAL STATISTICS

TABLE No. II—Continued.

FISCAL YEAR ENDING JUNE 30, 1908.

Marriage				Color								Nativity									
Divorced		Unascertained		White		Chinese		Japanese		African		San Francisco		Other Parts of Cal.		Other States		Foreign		Unascertained	
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
					5	3						1	1	4	1		1				
		2			6	2						1	1			3			1	2	
		2			24	20						4	4	4	4	4	6	12	6		
4	2	20	1	22	147	7				1	1	12	11	10	9	52	34	145	91	17	3
		3		53	36	3						7	3	2	3	16	7	31	23	2	
2		6		50	24	4		1				1		6	3	11	6	33	17	4	
		2		15	22	1							3		2	4	7	11	10	1	
		11	1	124	75	5				1	1	3		2	3	33	20	83	52	9	1
1				16	8							1		1		2	4	12	4		
		2		15	2					1		1		1	1	2	1	10		2	
				1														1			
		2		38	24							1		1		8	7	28	16		1
		1		5	5	2									3	3	3	3	2	1	
				10	7							1	1		3	1	2	2	1		
				1						1								1			
				1										1							
				2	1							1		1			1				
				2								1		1							
				2	2				1			1	3	1							
		1				1				1								2			
					1							5	4	3	4	2	1	5	10		
				15	18		1					9	4	1		2	6	6	7		
				16	13								2	1			2	4			
		1		31	22								2	1		9	6	14			
1		3		107	86	1	1	1	1			37	28	17	15	13	10	38	33	4	2
2		41	2	287	127	4				1		35	29	28	17	50	21	148	58	31	2
		3		16	10			1				3	2	3	1	2	5	8	1	1	1
				6		1						2		3		1		1			
1					4	2												4	2		
														1							
							1							1							
					1												2		1		
				2																	
1					16	10							1	1	3	4	2	10	2	1	
					11	7						5	3	1	2	2		1	2	2	
				9	12	1						1	1		4	3	4	8			
					1										1			4			
					12	3						8	1	4	2						

TABLE No. II—Continued.
REPORT OF DEATHS REGISTERED DURING

CAUSES OF DEATH (International Classification)	GRAND TOTALS	MALES	FEMALES	Social						
				Single		Married		Widowed		
				M.	F.	M.	F.	M.	F.	
Diarrhea	4	3	1	3	1					
Enteritis	23	13	10	13	10					
Enterocolitis	9	6	3	6	3					
Gastro-enteritis	86	55	31	55	31					
Ileo-colitis	25	18	7	18	7					
106 Diarrhea and enteritis (over 2 yrs.)										
Cholera Infantum.....	1		1		1					
Enteritis	7	5	2		4	1	1	1	1	
Enterocolitis	4	1	3	1	1		2			
Gastro-enteritis	17	6	11	4	3	2	4		4	
Ileo-colitis	3	1	2	1	2					
Duodenal Ulcer	2	1	1			1	1			
107 Intestinal parasites										
108 Hernia	18	13	5	4	1	6	3	2	1	
108a Obstruction of intestines	29	11	18	5	6	6	8		4	
(Operative shock)	2		2		1		1			
Intussusception of	6	3	3	3	2				1	
Volvulus	3	1	2		1	1	1			
109 Other diseases intestines—										
Ulcer of	2	1	1	1			1			
Anus, Prolapse of.....	2	2		1		1				
Ischio-Rectal Abscess.....	1	1		1						
110 Acute yellow atrophy of liver	2	2		1				1		
111 Tumors, hydatid, of liver										
112 Cirrhosis of the liver	149	106	43	32	4	39	22	15	14	
113 Biliary calculi	5	2	3	1		1	1		2	
(Operative shock).....	1		1						1	
114 Other diseases of liver—Abscess of..										
Abscess of.....	5	3	2		1	3	1			
Inflammation of	5	2	3		1	2	2			
Cholangitis	2	1	1	1			1			
115 Diseases of the spleen										
116 Peritonitis, simple (puerperal excep.)	11	6	5	3	1	1	2		2	
117 Other dis. digest. syst. (cancer exc.)										
Pancreatitis.....	1		1						1	
118 Appendicitis and abscess of iliac fossa	55	38	17	16	7	20	8	2	1	
Operative sepsis	2	2		1		1				
Operative shock.....	3	2	1	1		1			1	
VI. Diseases of Genito-Urinary System.										
119 Nephritis, acute	46	32	14	16	6	12	5	3	3	
120 Bright's disease	325	204	121	53	14	96	55	35	50	
121 Other diseases of kidney.....										
Cystic degeneration of.....	1	1								
Floating kidney (oper. shock).....	1		1				1			
Pyelitis.....	2	2		1				1		
Pyonephrosis	6	3	3			2	1		2	
122 Calculi of the urinary tract	3	2	1	2			1			
123 Diseases of bladder—										
Cystitis, acute.....	3	3		1		1				
Cystitis, chronic.....	20	17	3	2		11		4	3	
Rupture of (non-traumatic).....	1	1		1						
124 Diseases of the urethra, etc.										
Rectal Fistula.....	1		1				1			
Rupture of	1	1						1		
Stricture of.....	1	1		1						
125 Diseases of the Prostate—										
Hypertrophy of	1	1				1				
Hypertrophy of (op. sepsis).....	2	2						1		
126 Non-venereal dis. male genital organs										
127 Metritis (septic).....	1		1				1			
128 Uterine hemorrhage (non-puerperal).....	1					1				
129 Uterine tumors (non-cancerous).....	1		1			1				
(Operative shock).....	6		6		1		3			

VITAL STATISTICS

TABLE No. II—Continued.

FISCAL YEAR ENDING JUNE 30, 1908.

Relation		Color						Nativity							
Divorced		Unascertained		White		Chinese	Japanese	African	San Francisco	Other Parts of Cal.	Other States	Foreign		Unascertained	
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
				3	1				3	1					
				12	10	1			4	7	1	1		1	1
				6	3				12	1	1	1			2
				52	30	2	1	1	42	18	10	12	2	1	1
				17	7			1	10	3	8	4			
					1								1		
				5	2					1		1	4	1	
				1	3				1	1		1		1	
				6	11				12	13	1	3	1	2	6
				1	2				1	1					
					1	1							1	1	
		1		13	5				1			2	1	10	4
				11	18				3	6	1	1	3	4	4
				3	3				1			1			1
				1	3				3	1		1	1		
					1								1	2	
				1	1								1	1	
				2	2								2	2	
				1	1								1	1	
2	2	18	1	104	43	2			5	8	5	18	3	59	27
					3					1				2	13
					1									2	1
				3	3						1	1	1	12	
				2	3					1			1	1	
				1	1								1	1	
		2		5	5	1					1	1		5	4
					1										
		1		33	17		4	1		3	12	4	7	8	19
				2	1					1				1	2
					1				1			1	1		
		1		31	12	1		2	8	13	2	3	11	2	10
4	1	16	1	192	120	9	2	1	9	9	11	15	52	32	122
															64
					1										10
					1										7
															1
					2							1			
	1				3							1	1		
					2									2	2
					1									2	1
			1		3										
					17	3			1			5	1	10	2
					1									1	1
					1							1			
					1									1	
					1									1	
					2								1	1	
					1									1	
					1										1
					6						2		1	3	

TABLE No. II—Continued.
REPORT OF DEATHS REGISTERED DURING

CAUSES OF DEATH (International Classification)	GRAND TOTALS.....	MALES	FEMALES	Social						
				Single		Married		Widowed		
				M.	F.	M.	F.	M.	F.	
130 Other diseases uterus—Pelvic abscess	6	6	6	1		4				
Prolapse of (operative shock).....	1	1	1			1				
131 Cysts and other tumors of ovary.....	5	5	5			3		2		
(Operative shock)	4	4	4			4				
132 Diseases of tubes—										
Pyosalpinx	3	3	3			3				
Pyosalpinx (operative shock).....	6	6	6			4		1		
133 Non-puerperal dis. breast (cancer exc.)										
VII. Childbirth.										
134 Accidents of pregnancy—										
Abortion.....	11	11	11	5		6				
Extra Uterine Pregnancy.....	1	1	1			1				
Pernicious Vomiting of.....	1	1	1			1				
Rupture of Uterus.....	1	1	1	1						
135 Puerperal hemorrhage	7	7	7			7				
136 Other acc. of labor—Cesarian section										
Cesarian Section.....	3	3	3			3				
Dystocia.....	1	1	1			1				
Placenta Previa.....	3	3	3			3				
Rupture of Uterus.....	1	1	1			1				
137 Puerperal septicemia	12	12	12			12				
138 Albuminuria and puerperal eclampsia	15	15	15			15				
139 Phlegmasia alba dolens.....	1	1	1			1				
140 Other puerperal accidents—Mania	1	1	1			1				
141 Puerperal diseases of breast										
VIII. Diseases of the Skin.										
142 Gangrene.....	7	6	1	1		3	1	2		
143 Carbuncle.....	1	1				1				
144 Acute abscess—Phlegmon cerv. lymph.										
Mediastinal Abscess.....	1	1	1				1			
Abscess of Thigh.....	2	1	1			1		1		
145 Other diseases of the skin—										
Eczema, chronic.....	1	1	1				1			
Erythema Multifforme.....	1	1				1				
Pemphigus Vulgaris.....	1	1					1			
Scleroderma.....	1	1	1	1						
IX. Diseases of Locomotor System.										
146 Non-tuberculous disease of bones—										
Mastoid abscess	5	2	3	1	2	1			1	
147 Arthritis and other affections joints.....										
148 Amputation.....										
149 Other diseases organs of locomotion.....										
X. Malformations.										
150 Hydrocephalus	2	1	1	1	1					
150a Congenital malform. heart—Cyanosis.	27	11	16	11	16					
150b Other congenital malformations—										
Cleft palate	1	1		1						
Imperforate anus	2	1	1	1	1					
Spinal bifida	1	1		1						
XI. Early Infancy.										
151 Premature birth	93	50	43	50	43					
151a Congenital debility—Atelectasis	14	10	14	10	4					
Icterus neonatorum	6	5	1	5	1					
Inanition	53	24	29	24	29					
Marasmus	37	20	17	20	17					

VITAL STATISTICS

643

TABLE No. II—Continued.

FISCAL YEAR ENDING JUNE 30, 1908.

Relation				Color								Nativity										
Divorced		Unascertained		White		Chinese		Japanese		African		San Francisco		Other Parts of Cal		Other States		Foreign		Unascertained		
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
			1			6									2		2			1		1
						1														1		
						3											1			4		
						4								2	1				1			
						3										1		1				1
		1				6									3		3					
						11								3	3		3			2		
						1											1					
						1											1					
						1																
						7							1	1		1				4		
						3									2					1		
						1														1		
						3							1				1			1		
						1														1		
						12							2	2		2				6		
						15							4	2		4		1		8		
						1											1					
						1									1							
						6	1									1			5	1		
						1													1			
							1										1					
						1														1		
							1															
						1											1					
							1															1
						2	3								1		1	2		1		
						1	1					1					1					
						11	16					10	15	1	1							
						1																
						1	1					1	1									
						1						1										
						49	43					43	40	6	2					1		1
						10	4					9	4	1								
						5	1					3		2	1							
						24	29					18	23	5	6	1						
						19	17				1	13	10	7	5					1		

TABLE No. II—Continued.

REPORT OF DEATHS REGISTERED DURING

CAUSES OF DEATH (International Classification)	GRAND TOTALS...	MALES	FEMALES	Social						
				Single		Married		Widowed		
				M.	F.	M.	F.	M.	F.	
152 Other diseases early infancy—										
Asphyxia neonatorum	6	4	2	4	2					
Melena neonatorum	4	2	2	2	2					
153 Lack of Care (Exposure).....	1		1		1					
XII. Old Age.										
154 Senility	112	51	61	8	3	14	8	27	50	
XIII. Violence.										
155 Suicide by Poison—										
Arsenic	3	3		2						
Bi-Chloride Mercury	1		1		1					
Carbolic acid	35	19	16	8	7	8	4	2		
Chloral	1		1							1
Cocaine.....	1	1		1						
Corrosive sublimate	1		1				1			
Cyanide of potassium	7	6	1	1	1	2				
Laudanum	1		1							
Methyl Alcohol.....	1	1		1						
Morphine	8	8		4		1				
Penol.....	1	1		1						
Strychnine	3	2	1	1		1	1			
156 Suicide by asphyxia (illum. gas).....	21	16	5	9	2	4	1	1	2	
157 Suicide by hanging	11	9	2	2	1	2	1	4		
158 Suicide by drowning	2	1	1		1	1				
159 Suicide by firearms	64	62	2	25	1	20	1	6		
160 Suicide by Cutting	9	9		4		3		1		
161 Suicide by jumping from high places	1	1		1						
162 Suicide by crushing—Under elec. car	1	1		1						
Under train	1	1				1				
163 Other Suicides (Ignition clothing										
with Kerosene).....	1	1								
164 Fractures—										
Of Femur—Fall over chair.....	1		1							1
Hip—Fall on floor.....	1		1							1
Neck—Fall from building.....	1	1				1				
Pelvis—Crushed by falling coal	1	1		1						
Crushed by falling earth.....	1	1				1				
Fall from building.....	1	1		1						
Ribs—Fall into pit.....	1	1				1				
Skull—Crushed by falling brick..	1	1				1				
Explosion Gas Main.....	1		1				1			
Fall from balcony.....	2	1	1	1	1					
Fall from building.....	14	14		8		6				
Fall into basement.....	3	3		2						
Fall from circle swing.....	1	1		1						
Fall down electric shaft.....	6	6		2		3		1		
Fall into hold of ship.....	4	4		2		2				
Fall over embankment.....	2	2		1		1				
Fall on pavement.....	3	3		3		2		1		
Fall from scaffold.....	6	6		4		1				
Fall down stairs.....	4	3	1	1		1	1			
Fall from telegraph pole.....	1	1		1						
Fall from window.....	3	2	1	1	1	1				
Struck by steel bar.....	1	1		1						
Struck by iron bucket.....	1	1		1						
Struck by falling beam.....	1	1		1						
Struck by falling freight.....	1	1		1						
Struck by falling rock.....	1	1		1						
Manner unknown.....	8	7	1		1	3		1		
Spine—Cr'shd by elect. counter'wt	1	1		1						
Fall from building.....	3	3		1		2				
Fall down elevator shaft.....	1	1				1				

TABLE No. II—Continued.

REPORT OF DEATHS REGISTERED DURING

CAUSES OF DEATH (International Classification)	GRAND TOTALS...	MALES	FEMALES	Social						
				Single		Married		Widowed		
				M.	F.	M.	F.	M.	F.	
Fall into hold of ship.....	2	2		1		1				
Fall from rigging of ship.....	1	1								
Thoracic Vertebrae—Fall from hay-loft.....	1	1				1				
165 Dislocations.....										
166 Accidental gunshot wounds.....										
Hunting accident.....	1	1				1				
Self-inflicted.....	7	7		5						
From "unloaded" gun.....	1		1			1				
166a Injuries by machinery.....	3	3		3						
166b Injuries in mines and quarries—										
166c Railroad accident and injuries—										
Fall from train.....	1	1		1						
Run over by train.....	14	14		6		5				
Struck by locomotive.....	11	10	1	4		3	1			
166d Street car accidents and injuries—										
Run over by cable car.....	1	1		1						
Thrown from cable-car.....	1	1								
Col. bet. cable and elect. car.....	1		1			1				
In collision of electric cars.....	6	5	1	3	1	1				
Col. bet. electric car and train.....	1		1							1
Col. bet. elect. car and wagon.....	7	6	1	3		2		1	1	
Crushed bet. electric cars.....	1	1				1				
Fall from electric car.....	7	7		2		4				
Run over by electric car.....	20	18	2	8	1	9	1			
Struck by electric car.....	42	36	6	10		18	2	3	4	
Thrown from electric car.....	2	2				2				
166e Injuries by horses and vehicles—										
Col. bet. auto and electric car.....	1	1								
Run over by automobile.....	1	1		1						
Struck by auto.....	9	8	1	6		1		1	1	
Thrown from automobile.....	4	4		3		1				
Fall from buggy.....	1	1				1				
Struck by buggy.....	1	1		1						
Fall from wagon.....	6	6		4		2				
Collision between wagons.....	2	2				1				
Run over by wagon.....	10	10		7		2				
Thrown from wagon in runaway.....	4	4		2		2				
Kicked by horse.....	4	4		1		2				
Thrown from horse.....	1	1				1				
Struck by runaway horse.....	2	2		1				1		
166f Other accidental traumatisms—										
Amputation leg—Crushed by elev.....	1	1		1						
Cerebral Hemorrhage—										
Fall from window.....	1	1		1						
Concussion Brain—Fall from bldg.....	2	2				2				
Fall into basement.....	1	1		1						
Crushing of Chest—By elev. c'wt.....	2	2		1		1				
By falling lumber.....	1	1				1				
Fall from loft.....	1	1		1						
Fall into hold of ship.....	3	3		2						
Injury to back—										
Struck by falling capstone.....	1	1								
Rupture urinary bladder—										
Manner unknown.....	1	1		1						
Of Heart—Fall over cliff.....	1	1		1						
Of liver—Crushed by elevator.....	1	1		1						
Crushed by falling rock.....	1	1		1						
Fall from building.....	6	6		4		1				
Fall down elevator shaft.....	1	1							1	
Fall on pavement.....	1	1								
Fall into hold of ship.....	2	2		1						
Of Spleen—Manner unknown.....	1	1		1						

TABLE No. II.—Continued.
REPORTS OF DEATHS REGISTERED DURING FISCAL YEAR ENDING JUNE 30, 1908.

CAUSES OF DEATH (International Classification)	PLACE OF DEATH																											
	1st District		2nd District		3rd District		4th District		5th District		En route to Hospital		Pub. Inst- t'ns, hos- pitals, etc		Refugee Camps		Non-Resi- dent											
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.										
	MALES												6,476	4,079	2,397	1,931	1,214	717	330	255	330							
	FEMALES												386	490	324	302	220	465	390	106	144	81	4	1,738	768	56	57	113	57
GRAND TOTALS...												6,862	4,569	2,721	2,017	1,514	2,382	1,780	1,056	1,258	1,255	1,935	2,756	4,184	3,178	2,948	1,487	4,931
DEATHS FROM ALL CAUSES.																												
I. General Diseases																												
II. Diseases of Nervous System	202	158	130	64	75	64	137	119	40	34	1																	
III. Diseases of Circulatory System	62	56	35	31	39	23	41	57	19	19	1																	
IV. Diseases of Respiratory System	124	94	87	56	59	40	64	54	36	22	4																	
V. Diseases of Digestive System	784	499	285	90	56	45	26	30	58	48	21	18																
VI. Diseases of Genito-Urinary System	570	356	211	50	34	57	23	19	32	12	13	1																
VII. Childbirth	447	270	177	47	32	30	21	33	16	32	19	15	11	1														
VIII. Diseases of the Skin	58	2	2	2	2	1	1	1	1	1	3	1	1	1	3	4	1	1	1									
IX. Diseases of the Locomotor System	5	2	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1									
X. Malformations	33	15	18	4	4	3	1	4	3	2	3	2	3	3	1	1	1	1	1									
XI. Early Infancy	214	115	94	22	19	18	8	7	24	21	8	8	8	8	20	28	1	1	1									
XII. Old Age	112	51	10	8	10	7	8	10	9	4	4	4	4	4	20	17	1	1	1									
XIII. Violence	632	558	94	83	17	73	12	28	6	31	6	17	6	78	4	249	43	3	13									
XIV. Ill-Defined Diseases	74	41	33	4	1	6	4	2	13	11	3	4	4	4	12	10	1	1	1									
I. General Diseases.																												
(a) Epidemic Diseases.																												
1 Typhoid fever																48	15											
2 Typhus, exanthematic																												
3 Fever, recurrent																												
4 Fever, intermit. and malar. cachexia	3	2	1																									
5 Smallpox	4	4	1																									
6 Measles	24	11	13	3	2	2	1	1	3	1	1	1	1	1	4	3	3											
7 Scarlatina	5	3	2																									
8 Whooping cough	16	8	8	1	2	1	2	1	2	1	2	1	1	2														
9 Diphtheria	90	53	37	8	5	15	8	2	21	15	3	4	4	4	12	10	1	1	1									

* San Francisco Bay, 58; Parks, 13; En route, 14.

9a Croup	29	14	15	1	5	1	3	2	1	6	3	1	1	3	2	1
10 Influenza																
11 Miliary fever																
12 Cholera, Asiatic																
13 Cholera, nostras	2	1	1	1	1	1	1							2	1	1
14 Dysentery (acute)	3	3	1											2		
14a Dysentery (chronic)	3	2	1											3	1	3
15 Pest (Plague)	76	54	22	15	5	2	2	2	1	2	1	1		3	11	
16 Yellow fever																
17 Leprosy																
18 Erysipelas	8	6	2	1	2					1				5		
19 Other epidemic diseases—Beri-Beri	1	1														
(b) Other General Diseases.																
20 Purulent infection and septicemia—																
Following carbuncle	1		1													
Infection, Arm	1	1				1				1						
Infection, Eye	1		1													
Infected Ulcer of Leg	1	1												1		
Fracture, Arm	1	1												1		
Fracture, Leg	1	1												1		
Wounds of Back	1	1												1		
Wound of Foot	1	1												1		
Necrosis Scrotum	1	1												1		
Phlebitis, Thigh	1	1												1		
Streptococcus Infection	1	1												1		
Septicemia (unqualified)	1	1												1		
Pyemia, fall, scratch on face	1	1												1		
Pyemia (unqualified)	1	1												1		
21 Glanders and farcy																
22 Malig. pustule and charbon (anthrax)																
23 Rabies																
24 Actinomycosis, trichinosis, etc.																
25 Pellagra																
26 Tuberculosis of Larynx																
27 Tuberculosis of lungs	729	490	238	106	57	56	34	27	17	45	45	17	8	226	64	13
28 Tuberculosis meningitis	63	37	26	12	6	3	6	1	2	7	5	3		11	7	1
29 Tuberculosis, abdominal—of Intes-																
tines	17	13	4	1		3	1			1				9	1	
Peritoneal	24	10	14	2	1	1	1			1				6	10	2
Of Femur	4	3	1		1	1								1		
30 Pott's disease																
31 Tuberculosis abscess																
32 White Swelling (Tub. of Hip-Joint)	2	1	1											1		
33 Tuberculosis of other organs—																
Tuberculosis Adenitis	2	1	1											1		
Of Femur	1													1		

TABLE No. II—Continued.
 REPORTS OF DEATHS REGISTERED DURING FISCAL YEAR ENDING JUNE 30, 1908.

CAUSES OF DEATH (International Classification)	GRAND TOTALS...		MALES		FEMALES		PLACE OF DEATH																	
							1st District		2nd District		3rd District		4th District		5th District		En route to Hospital		Pub. Inst- t'ns, hos- pitals, etc		Refugee Camps		Non Resi- dent	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
34 Generalized tuberculosis	11	8	3	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
35 Scrophula	16	10	6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
36 Syphilis (congenital) (Acquired)	14	12	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
37 Gonorrhea of the adult	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
38 Gonorrhoeal infect. of children (Gono- Ophthalmia)	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
39 Cancers of Buccal Cavity— Lip	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
.....Maxilla	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
.....Mouth	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
.....Tongue	9	6	6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
.....Tongue (operative shock)	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
.....Tonsil	5	5	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
.....Sarcoma of maxilla	156	108	48	16	9	12	4	11	8	10	3	5	1	1	1	1	1	1	1	1	1	1	1	1
40 Cancers of stomach and liver— Stomach	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
.....Stomach (operative sepsis)	39	19	20	5	5	1	2	2	6	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1
.....Liver	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
.....Sarcoma of stomach	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
.....Sarcoma of liver	34	13	21	1	3	2	1	1	2	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
41 Cancers of intestines and rectum— Intestines	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
.....Intestines (operative shock)	17	9	8	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
.....Rectum	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
.....Rectum (operative shock)	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
.....Sarcoma of intestines	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
.....Retro-Peritoneal Sarcoma	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
.....Cancers of female genital organs— Ovary	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

*En Route.

TABLE No. II—Continued.
 REPORTS OF DEATHS REGISTERED DURING FISCAL YEAR ENDING JUNE 30, 1908.

CAUSES OF DEATH (International Classification)	GRAND TOTALS...		MALES		FEMALES		PLACE OF DEATH *																		
							1st District		2nd District		3rd District		4th District		5th District		En route to Hospital		Pub. Inst- t's, hos- pitals, etc		Refugee Camps		Non Resi- dent		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
58 Other professional intoxications	1	1																							
Cyanide Potassium	1																								
59 Other chronic poisons (morphinism)	10	10																							
II. Diseases of Nervous System.																									
60 Encephalitis; cerebritis	3	2	1	1																					
61 Meningitis, simple (cerebral)	60	32	28	10	3	3	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Meningitis, simple (spinal)	7	3	4																						
61a Epidemic Cerebro Spinal Meningitis	65	42	23	6	2	5	2	1	9	13	4	1	2	4	1	14	3	2	1	1	1	1	1	1	1
62 Locomotor ataxia	11	10	1	1												5	1	1							
63 Other diseases spinal cord—																									
Ascending Paralysis	1	1																							
Hematomyelia	1																								
Infantile paralysis	1																								
Myelitis transverse	3	2	1																						
Paralysis Agitans	2	1	1																						
Progressive muscular atrophy	6	3	3	1	1																				
Sclerosis Multiple	1		1																						
Tumor of	1	1																							
64 Apoplexy, cerebral	258	138	120	33	35	18	18	20	12	12	20	7	8	8	8	47	28	1	3	1					
65 Cerebral softening	26	17	9	3	2	1	2	3	1	1	1	1	1	1	1	9	4	1	1						
66 Paralysis	38	15	23													6	7	1							
67 Paralysis, general, of insane	9	6	3													5	1	1							
68 Other forms mental disease (acute mania)	4	1	3													1	2								1
69 Epilepsy	9	6	3	1	1	2	1	1	1	1	1	1	1	1	1	2									1
70 Eclampsia (non-puerperal)	3	1	2																						
71 Convulsions of children	31	21	10	4	2	3	4	3	4	3	1	2	3	1	2	3									
72 Tetanus—Trismus neonatorum	3	1	2																						

* En route.

105	Pylorus, stricture of.....	1																		1
	Diarrhea and enteritis (under 2 yrs.)	15	12	3	1	6														1
	Cholera infantum																			1
	Diarrhea	4	3	1																1
	Enteritis	23	13	10	2	2														2
	Enterocolitis	9	6	3		1														1
	Gastro-colitis	86	55	31	11	4	3	13	7	2	2									2
	Gastro-enteritis	25	18	7	1	2														2
	Ileo-colitis						1	1	6	3	1									1
106	Diarrhea and enteritis (over 2 yrs.)	1																		1
	Cholera infantum	7	5	2	2															1
	Enteritis	4	1	3	1	1														1
	Enterocolitis	17	6	11	2	2														1
	Gastro-enteritis	3	1	2																1
	Ileo-colitis	2	1	1																1
	Duodenal Ulcer																			1
107	Intestinal parasites	18	13	5	2	1	3													4
108	Hernia	29	11	18	7	1	5	3	2	1	3									6
108a	Obstruction of intestines	2																		2
	(Operative shock)	6	3	3	1	1														2
	Intussusception of	3	1	2																1
	Volvulus																			1
109	Other diseases intestines—	2	1	1																1
	Ulcer of	2	2	2																2
	Anus, Eryclapse of	1																		1
	Ischio-Rectal Abscess	1																		1
110	Acute yellow atrophy of liver	2	2																	2
111	Tumors, hydatid, of liver	149	106	43	16	11	23	6	2	13	10	3	1	*						43
112	Cirrhosis of the liver	5	2	3		1														1
113	Biliary calculi	1																		1
	(Operative shock)	5	3	2	1	1														2
114	Other diseases of liver—Abscess of.	5	5	2	3	1														1
	Inflammation of	2	1	1																1
	Cholangitis																			1
115	Diseases of the spleen	11	6	5																1
116	Peritonitis, simple (puerperal excep.)																			5
117	Other dis. digest. syst. (cancer exc.)																			5
118	Pancreatitis	1																		1
	Appendicitis and abscess of iliac fossa	55	38	17	5	2	1													30
	Operative sepsis	2	2																	2
	Operative shock	3	2	1																2
VI. Diseases of Genito-Urinary System.																				
119	Nephritis, acute	46	32	14	3	4	5	2	5	3	2	5								11
120	Bright's disease	325	204	121	38	26	21	18	23	13	26	17	9	10	†					81
121	Other diseases of kidney																			34
	Cystic degeneration of	1	1																	1

† On San Francisco Bay. * En route.

TABLE No. II—Continued.
 REPORTS OF DEATHS REGISTERED DURING FISCAL YEAR ENDING JUNE 30, 1908.

CAUSES OF DEATH (International Classification)	PLACE OF DEATH																		
	1st District		2nd District		3rd District		4th District		5th District		En route to Hospital		Pub. Inst- t'ns, hos- pitals, etc		Refugee Camps		Non Resi- dent		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
GRAND TOTALS...																			
MALES																			
FEMALES																			
XI. Early Infancy.																			
151 Premature birth.....	43	10	13	10	8	5	3	12	11	1	2								
151a Congenital debility—Atelectasis.....	14	2	1	1	1	1	1	4											
Icterus neonatorum.....	6	5	1	1				1											
Inanition.....	58	24	8	1	3	2	2	3	8		3								
Marasmus.....	37	20	1	3	4	1	1	3	1		1								
152 Other diseases early infancy—																			
Asphyxia neonatorum.....	6	4	2	2	2	2		1	1										
Melena neonatorum.....	4	2																	
153 Lack of Care (Exposure).....	1				1														
XII. Old Age.																			
154 Senility.....	112	51	61	7	10	8	10	7	8	10	4								
XIII. Violence.																			
155 Suicide by Poison—																			
Arsenic.....	3	3																	
Bi-Chloride Mercury.....	1																		
Carbolic acid.....	35	19	16	1	4	6		2			1								
Chloral.....	1																		
Cocaine.....	1																		
Corrosive sublimate.....	1																		
Cyanide of potassium.....	1																		
Laudanum.....	7	6	1	2	1	3													
Methyl Alcohol.....	1																		
Morphine.....	1																		
Penol.....	8		1	3	1														
Strychnine.....	1																		
En route † Golden Gate Park.....	3	2	1																

* En route † Golden Gate Park.

VITAL STATISTICS

661

156	Suicide by asphyxia (illum. gas)	21	16	5	8	4	5	1	1	1									1
157	Suicide by hanging	11	9	2	1	5	1	1	1	1									1
158	Suicide by drowning	2	1	1		1													1
159	Suicide by firearms	64	62	2	18	10	8	1	3	1							15	13	1
160	Suicide by cutting	9	9		5	3			1	1									1
161	Suicide by jumping from high places	1	1						1	1									
162	Suicide by crushing—Under elec. car Under train	1	1						1	1									
163	Other Suicides (Ignition clothing with Kerolene)	1	1																1
164	Fractures—																		
	Of Femur—Fall over chair	1	1																
	Hip—Fall on floor	1	1					1											1
	Neck—Fall from building	1	1																1
	Pelvis—Crushed by falling coal	1	1				1												1
	Crushed by falling earth	1	1																1
	Fall from building	1	1																1
	Ribs—Fall into pit	1	1		1														
	Skull—Crushed by falling brick	1	1																1
	Explosion Gas Main	2	1	1	1				1										
	Fall from balcony	14	14		6	4													1
	Fall from building	3	3																3
	Fall into basement	1	1																1
	Fall from circle swing	1	1																1
	Fall down electric shaft	6	6				1		1										1
	Fall into hold of ship	4	4																4
	Fall over embankment	2	2							1									2
	Fall on pavement	3	3																3
	Fall from scaffold	6	6		1				2	1									5
	Fall down stairs	4	3	1					1	1									2
	Fall from telegraph pole	1	1																1
	Fall from window	3	2	1															2
	Struck by steel bar	1	1		1														1
	Struck by iron bucket	1	1																1
	Struck by falling beam	1	1						1										1
	Struck by falling freight	1	1																1
	Struck by falling rock	1	1																1
	Manner unknown	8	7	1						1									6
	Spine—Cr'shd by elect. counter'wt	1	1																1
	Fall from building	3	3		1														2
	Fall down elevator shaft	1	1																1
	Fall into hold of ship	2	2																2
	Fall from rigging of ship	1	1																1
	Thoracic Vertebrae—Fall from hay-loft	1	1																1
165	Dislocations	1	1																1

* En route † Golden Gate Park. ‡ In San Francisco Bay.

TABLE No. II—Continued.
 REPORTS OF DEATHS REGISTERED DURING FISCAL YEAR ENDING JUNE 30, 1908.

CAUSES OF DEATH (International Classification)	PLACE OF DEATH														Non-Resi- dent		
	1st District		2nd District		3rd District		4th District		5th District		En route to Hospital		Pub. Inst't's, hos-pitals, etc			Refugee Camps	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.		M.	F.
166 Accidental gunshot wounds	1																
Hunting accident	1																
Self-inflicted	7																
From "unloaded" gun	1																
166a Injuries by machinery	3																
166b Injuries in mines and quarries—																	
166c Railroad accident and injuries—																	
Fall from train	1																
Run over by train	14																
Struck by locomotive	11																
Run over by cable car—	1																
Struck by cable car	1																
Thrown from cable-car	1																
Col. bet. cable and elect. car	1																
In collision of electric cars	6																
Col. bet. electric car and train	1																
Col. bet. elect. car and wagon	7																
Crushed bet. electric cars	1																
Fall from electric car	7																
Run over by electric car	18																
Struck by electric car	42																
Thrown from electric car	2																
166e Injuries by horses and vehicles—																	
Col. bet. auto and electric car	1																
Run over by automobile	1																
Struck by auto	9																
Thrown from automobile	4																
Fall from buggy	4																
Struck by buggy	1																
Fall from wagon	1																
Fall from wagon	6																

* En route.

TABLE No. II—Continued.
 REPORTS OF DEATHS REGISTERED DURING FISCAL YEAR ENDING JUNE 30, 1908.

CAUSES OF DEATH (International Classification)	PLACE OF DEATH																		
	1st District		2nd District		3rd District		4th District		5th District		En route to Hospital		Pub. Inst- t'ns, hos- pitals, etc		Refugee Camps		Non Resi- dent		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
170 Cold and freezing																			
171 Electricity																			
172 Accidental drowning	61	59	2	1	1				1					156	72				
173 Starvation																			
174 Inhalation poisonous gases (illum.)— Asphyxia by sulphur fumes	18	12	6	3	2	1	2				2			*					
Chloroform Asphyxia	1	1																	
Inhalation of Smoke	1	1																	
175 Other acute poisonings— Aloes—Acc. self-administered	1		1																
Carbolic Acid—Acc. admin.	2	2																	
do. Manner undetermined	1	1																	
Wood Alcohol do.	1	1																	
Potomaine poisoning	8	5	3	1	1	1	1												1
Suffocation (overlaid)	3	3																	
By hanging—accidental	1	1																	
176a Injuries at birth	12	10	2																
Forceps, application of	5	2	3	1															
Prolonged labor	9	9																	
176b Homicide—By blows	3	3																	
By cutting	3	3																	
By firearms	37	32	3	12	3	1	1												
Pen. wound eye from umbrella ferule	1	1																	
Blow from fist—Fall on sidewalk	1	1																	
By strangulation	1	1																	
176c Other external violence— Accidental electrocution	1	1																	

* En route.

† In San Francisco Bay.

‡ Golden Gate Park. ° In Bay.

TABLE No. III—Continued.
 DEATHS BY SANITARY DISTRICTS, PUBLIC INSTITUTIONS, REFUGEE CAMPS, ETC., ARRANGED ACCORDING
 TO MONTHS—FISCAL YEAR ENDING JUNE 30, 1908.

LOCATION	GRAND TOTALS...	MALES	FEMALES	1907												1908											
				July		Aug.		Sept.		Oct.		Nov.		Dec.		Jan.		Feb.		Mar.		Apr.		May		June	
				M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
University of California Hospital	77	53	24	1	1	2	2	4	8	8	3	8	8	8	7	2	4	3	4	3	6	1	4	1			
U. S. A. General Hospital (Presidio)	57	52	5	2	1	9	2	5	4	1	7	5	4	1	7	5	5	4	4	4	4	4	5	5			
U. S. Marine Hospital	41	41	1	3	2	2	2	2	5	1	7	3	1	3	3	1	8	1	1	1	8	1	4	4			
Walker Sanatorium	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Yerba Buena Island (Naval Station)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Totals	1749	1123	626	89	56	79	55	80	44	102	47	94	38	106	63	117	67	89	58	84	52	82	49	99	50		
In Refugee Camps.																											
No. 9. Lobos Square	29	15	14	4	2	3	2	1	1	1	1	1	1	1	2	2	1	2	1	1	1	3	1	1	1		
No. 10. Nineteenth and Minnesota Sts.	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
No. 13. Franklin Square	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
No. 21. Washington Square	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
No. 24. Columbia Square	7	2	5	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
No. 25. Richmond District	8	1	7	2	1	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
No. 28. South Park	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
No. 29. Mission Park	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
No. 30. Portsmouth Square	2	2	2	2	3	5	2	3	5	3	5	3	5	3	2	6	7	2	2	2	2	2	2	2	2		
IngleSide Camp	57	33	24	6	3	5	2	3	5	2	3	5	3	5	3	2	6	7	2	2	2	2	2	2	2		
Totals	113	56	57	11	10	12	9	6	11	6	8	6	8	4	9	8	2	2	1	1	3	1	1	1	1		
Totals																											
En Route to Hospital	14	12	2	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	1	1	2	1	2	4	4		
Bay of San Francisco	54	52	2	7	4	3	1	1	7	4	5	6	7	2	7	2	2	1	2	2	2	1	4	4	4		
Pacific Ocean	4	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Golden Gate and Other Parks	13	13	1	1	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
Totals	85	81	4	8	4	7	4	7	4	1	8	4	9	4	9	8	11	8	11	2	1	6	1	10	10		

VITAL STATISTICS

669

TABLE No. IV.

NATIVITIES OF DECEDENTS ARRANGED ACCORDING TO MONTHS—
FISCAL YEAR ENDING JUNE 30, 1908.

	GRAND TOTALS.....	1907						1908					
		July.....	August.....	Sept.....	October.....	November.....	December.....	January.....	February.....	March.....	April.....	May.....	June.....
Total Deaths during year	6,476	536	486	484	533	519	635	629	551	606	472	542	483
NATIVITIES													
San Francisco.....	1,213	103	99	95	99	111	119	99	107	103	92	102	84
Other Parts of California.....	831	72	63	64	68	61	77	83	73	83	58	68	61
Other States and Territories.													
Alabama.....	4					1	1	1					1
Alaska.....	4	1						1		1			1
Arizona.....	2	1								1			
Arkansas.....	5	1		1		1	1				1	1	1
Colorado.....	3	1											2
Connecticut.....	16	1	1	1	3	1		1	3	3			2
Delaware.....	3					1		1			1		
District of Columbia.....	4	1								1	1		1
Florida.....	2				1	1							
Georgia.....	2	2			2			1	2		1		
Hawaiian Territory.....	5	1		1			1						3
Idaho.....	3									2			1
Illinois.....	66	5	5	3	4	4	8	10	3	9	4	9	3
Indiana.....	20	2	2	1	3	1	1	2	1	2	1	4	4
Indian Territory.....													
Iowa.....	26	1	1	2	1	1	1	4	6	1	3	4	3
Kansas.....	9	1						2	2	2	3	1	4
Kentucky.....	34	7	1	1	2	2	3	2	2	2	2	5	4
Louisiana.....	18	2	1	4	2	1	1	3	2	2	2		1
Maine.....	52	9	4	1	2	3	6	5	3	3	7	3	6
Maryland.....	17			2	1	2	4	2		1	1	3	1
Massachusetts.....	134	11	12	16	5	12	12	10	18	17	9	8	4
Michigan.....	31	2	2	3	2	3	2	2	1	4	1	5	3
Minnesota.....	14	1	2	1		3	2	2		3			
Mississippi.....	2	1											1
Missouri.....	56	3	7	3	3	8	6	6	4	3	5	4	4
Montana.....	6			1			1		1		1		2
Nebraska.....	7	3		1						1			2
Nevada.....	17	1		1	2	1	2	2	2			2	4
New Hampshire.....	19	1	1	2	2	1	3	1	1	1		2	4
New Jersey.....	19	1		1	1	2			4	3	1	5	1
New Mexico.....													
New York.....	258	20	19	20	28	18	21	23	21	27	26	15	20
North Carolina.....	6				1	3		1				1	
North Dakota.....	1	1											
Ohio.....	70	6	5	7	7	4	5	9	6	7	3	3	8
Oklahoma.....	1										1		
Oregon.....	18			1	2	1	1	3	1	1	1	4	3
Pennsylvania.....	94	10	3	9	7	4	6	6	8	17	10	10	4
Rhode Island.....	12	2		1	1		1	2	1	1	1	1	1
South Carolina.....	1			1			1			2			3
South Dakota.....	1						1						
Tennessee.....	10		2	1			2				1	2	2
Texas.....	16		1		1		3	2	2	3	3	1	
Utah.....	8	1				1			2	1	1	1	1
Vermont.....	23	2	2	1	2		5	2	3	1	2	2	1
Virginia.....	16	1	3	2			3		1		1		5
Washington.....	5	1			1		2	1		2	1	1	
West Virginia.....													
Wisconsin.....	23	3	1	2	3	3	1	3	2	3			2
Wyoming.....	1				1								
Totals.....	1,186	106	77	90	90	81	110	108	100	120	93	102	100

TABLE No. IV—Continued.

NATIVITIES OF DECEDENTS ARRANGED ACCORDING TO MONTHS—
FISCAL YEAR ENDING JUNE 30, 1908.

	GRAND TOTALS..	1907						1908					
		July.....	August.....	Sept.....	October.....	November.....	December.....	January.....	February.....	March.....	April.....	May.....	June.....
Foreign Countries													
Austria.....	49	3	4	2	2	4	6	5	2	3	3	10	5
Australia.....	17	3	1	1	2	1	2	3	1	1		1	1
Belgium.....	7	2				1	2			1			
British Columbia.....	2												
Canada.....	78	6	7	1	3	9	9	9	6	8	10	7	3
Central America.....	2										1	1	
China.....	106	6	3	10	9	8	7	11	6	11	6	19	10
Denmark.....	41	1	3	6	2	4	4	3	2	2	8	1	4
East Indies.....	1	1											
England.....	210	12	18	16	13	13	18	27	17	27	14	15	20
Finland.....	28	3	2	3	2	4	1	3	4	3	1		2
France.....	128	15	7	3	12	10	15	7	15	6	13	15	10
Germany.....	604	43	47	48	53	53	56	63	47	50	52	43	49
Greece.....	31	2	3	1	1	2	3	4	2	3	1	7	2
Holland.....	9	1		1	2	1	2					1	1
Hungary.....	8	1		2				1	1			2	1
Iceland.....	1								1				
India.....	1											1	
Ireland.....	948	72	64	76	81	66	93	108	85	98	62	67	76
Isle of Man.....	1											1	
Italy.....	191	17	20	15	15	25	27	11	12	16	7	14	12
Japan.....	46	4	4	2	3	1	3	4	5	5	4	7	2
Korea.....	1											1	
Mexico.....	27		3	2	2	4	2	4	5		2	1	2
New Brunswick.....	9	1		1	2		1	2		1		1	
Newfoundland.....	4			1							1	1	1
New Zealand.....	1										1		
Norway.....	42	6	1		4	5	7	5	5	2	3	4	
Nova Scotia.....	26	2	2		2	2	4	4	2	3		4	1
Philippines.....	4	1		1			1				1		
Poland.....	17	1	3	1	3								
Porto Rico.....	4							2		2			
Portugal.....	14		1	2	2	2	2		1	1	2	1	
Roumania.....	4			2		1							
Russia.....	45	3	5	7	6	4	3	5	2	5	1	1	4
Scotland.....	64	4	2	2	5	8	11	7	10	7	2	3	3
South America.....	8		1	2		2				2	1		
Spain.....	31	2	7	1	2	1	3	4	5			4	2
Sweden.....	97	8	9	5	6	5	11	8	8	13	8	10	6
Switzerland.....	41	3	7	2	5	1	5	4	5	3	1	5	
Tahiti.....	1				1								
Turkey.....	5	1	1	1									2
Wales.....	6		1			1		2	1				1
West Indies.....	6	2	1			1					1		1
Totals.....	2,966	226	227	216	239	241	302	309	254	271	210	249	222
Unascertained.....	280	29	20	19	37	25	27	30	17	20	19	21	16

VITAL STATISTICS

671

RECORD OF INTERMENT, CREMATION AND SHIPPING PERMITS ISSUED DURING FISCAL YEAR 1907-08.

TO	1907							1908							TOTALS			
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June						
San Francisco Cemeteries																		
Calvary—Rec. Vault.....	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
I. O. F.—Cremations.....	58	48	71	57	66	84	65	88	71	84	0	0	0	0	0	0	0	825
I. O. O. F.—Rec. Vault.....	5	1	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Laurel Hill—Rec. Vault.....	0	2	3	1	1	1	0	0	1	5	0	0	0	0	0	0	0	21
Masonic—Rec. Vault.....	1	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	4
National—Presidio.....	15	7	13	14	13	5	18	9	11	11	0	0	0	0	0	0	0	139
U. S. M. H.....	0	2	0	0	0	3	2	0	2	1	0	0	0	0	0	0	0	14
San Mateo County Cemeteries																		
Cypress Lawn—Interments.....	67	49	51	60	56	69	74	35	62	48	65	44	65	44	65	44	680	
Cypress Lawn—Cremations.....	0	0	0	1	2	2	1	10	0	0	0	0	0	0	0	0	0	16
Eternal Home.....	4	1	1	2	1	2	1	1	3	1	5	3	5	3	5	3	25	25
Green Lawn.....	7	11	12	13	12	17	17	13	10	9	9	11	9	9	11	11	70	141
Hills of Eternity.....	5	4	4	6	5	4	12	9	6	7	5	3	5	5	3	3	7	70
Holy Cross.....	202	184	177	187	171	233	220	207	226	183	166	181	166	181	166	181	2237	
Home of Peace.....	4	12	3	6	7	4	12	5	5	6	5	5	5	5	5	5	74	74
Italian.....	32	34	19	36	38	40	33	32	32	26	24	22	24	22	24	22	368	368
Japanese.....	0	1	0	1	0	2	0	1	0	0	0	0	0	0	0	0	8	8
Mt. Olivet.....	94	84	86	101	82	113	106	82	90	68	98	78	98	78	98	78	1082	1082
Salem.....	11	14	14	14	10	13	9	8	9	4	11	6	11	6	11	6	123	123
San Mateo—(Indigent).....	63	50	9	0	1	0	0	0	0	0	0	0	0	0	0	0	185	185
San Mateo (Chinese).....	2	3	8	9	6	4	10	8	13	8	16	8	16	8	16	8	95	95
Servian.....	1	0	0	3	2	1	0	1	1	0	1	0	1	0	1	0	10	10
Sunset (Indigent).....	0	0	64	55	47	47	56	6	8	4	8	6	8	4	8	6	500	500
Woodlawn.....	4	4	1	6	6	9	14	6	6	4	3	6	3	6	3	6	75	75
Verba Buena.....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
To Medical Colleges.....	0	7	2	18	18	17	13	2	2	2	0	2	0	2	0	2	75	75
Shipped to Outside Points.....	78	55	64	65	55	76	55	62	88	56	73	63	73	63	73	63	790	790
Total.....	653	577	602	652	600	747	719	641	695	565	645	567	645	567	645	567	7663	7663
No. of Indigent Dead Interred.....	78	62	69	63	74	66	73	62	56	38	83	57	83	57	83	57	781	781

RECORD OF DISINTERMENT AND REMOVAL PERMITS ISSUED DURING FISCAL YEAR 1907-08.

	1908												Totals
	1907						1908						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	
Disinterred from													
Calvary	45	59	52	61	45	30	32	15	44	*25	59	79	546
City	0	0	4	5	4	0	0	4	1	† 4	3	3	28
I. O. O. F., bodies	1	10	7	7	8	0	12	9	1	10	9	39	116
I. O. O. F., ashes	54	32	33	39	48	27	39	54	64	42	41	49	525
Laurel Hill	8	13	14	14	10	5	8	4	15	2	2	17	106
Masonic	10	9	4	10	30	35	4	8	12	4	9	25	160
National	1	1	0	0	0	0	0	0	0	0	0	0	2
U. S. M. H.	0	0	0	0	0	0	0	0	0	1	0	0	1
Total	119	124	104	136	145	104	95	94	137	88	126	212	1484
Removed to													
Cypress Lawn	6	10	8	8	12	5	5	4	22	0	2	12	94
Eternal Home	0	0	0	0	0	0	0	0	0	0	0	0	0
Green Lawn	3	3	4	0	0	0	4	1	7	4	9	27	62
Hills of Eternity	2	0	0	0	0	0	0	2	0	0	0	0	4
Holy Cross	38	58	51	51	47	32	31	16	38	26	58	75	531
Home of Peace	0	0	2	0	0	3	0	0	0	0	0	0	5
Italian	0	0	1	3	0	0	2	4	1	1	1	3	16
Japanese	0	0	0	1	0	0	0	0	0	0	0	0	1
Mt. Olivet	2	14	6	5	18	4	4	6	3	8	6	9	85
Salem	0	0	3	0	2	0	0	0	0	0	1	0	6
San Mateo, Chinese	0	0	0	0	0	0	0	0	0	0	1	0	1
Servian	0	0	0	0	4	0	0	0	0	0	3	0	7
National	0	0	0	0	0	0	0	1	0	0	0	0	2
Woodlawn	12	2	0	4	0	34	6	6	8	4	5	19	100
I. O. O. F., for cremation	5	6	0	1	6	1	0	0	6	1	2	13	42
Laurel Hill, S. F., ashes	8	0	3	4	5	2	5	7	6	6	5	5	56
Masonic, S. F., ashes	3	3	0	5	4	2	3	4	2	5	2	2	35
To Home, ashes	11	12	10	18	25	10	14	27	19	16	12	11	185
California, interior, bodies	9	4	2	7	5	0	1	4	5	3	1	8	49
California, interior, ashes	7	5	6	7	14	9	7	2	9	12	7	17	102
Other States	13	7	8	12	3	2	11	10	11	2	11	11	101
Total	119	124	104	136	145	104	95	94	137	88	126	212	1484

† (180) National Cemetery.

* St. Joseph's Hospital.

Board of Public Works

San Francisco, December 12, 1908.

To the Honorable Edward R. Taylor,
Mayor of the City and County of San Francisco.

Dear Sir: The Board of Public Works of the City and County of San Francisco has the honor of submitting in compliance with the provisions of Section 9 of Article XVI of the Charter of said City and County, a report of all the operations of the Department of Public Works for the fiscal year, ending June 30, 1908.

As furnished a statistical record of the operations, directed during the past fiscal year, toward the restoration of accepted streets, which viewed from the standpoints of extent, expense and quality are unexampled in the history of the municipality, special interest attaches to the report of P. Broderick, as Superintendent of Street Repairs, under whose immediate direction such gratifying results have been achieved.

The civic spirit displayed by A. W. Scott Jr., and George Renner, as representatives of the Street Repair Association in connection with the movement for the restoration of our streets, coupled with strenuous personal endeavor, made possible such results; and to these citizens for their unreserved and hearty co-operation, this Board acknowledges an obligation.

Operations conducted during the major part of the fiscal year, in rehabilitating the public sewers, destroyed or disturbed by the calamity of 1906, or otherwise impaired, and in cleaning and flushing sewers, are detailed in the report of George D. Keeley, who supervised such sewer work and to whose intelligent direction the restoration of the usefulness of the sewers, may in great measure be attributed. Both the reports referred to are incorporated for departmental classification, in the general report of the Bureau of Streets, and constitute the chief portion of it.

The reports of Marsden Manson, City Engineer; of Newton J. Tharp, City Architect; of John Barnett, Superintendent of Public Buildings; of John P. Horgan, Chief Building Inspector; of John Rogerson, Superintendent of Street Cleaning, and of other departmental officials, associated in the administration of the affairs, committed by law, to the charge of the Board of Public Works, disclose in detail the operations of their respective departments, during the fiscal year, and are replete with data of public interest and statistical importance.

These reports, constituting as they do, the general report of this Board in view of the diverse character of the matters therein treated, and the operating scope thereof, are entitled to more than ordinary consideration, since they will tend to create in the mind of the public, a rational conception of the associated activities comprehended in the extensive jurisdiction conferred by the charter upon the Board of Public Works.

Respectfully submitted,

THE BOARD OF PUBLIC WORKS,
T. F. EAGAN, Commissioner.
C. A. DAY, Commissioner.
MICHAEL CASEY,
Commissioner and President.

Attest:

ROBT. J. LOUGHERY, Secretary.

REPORT OF THE CITY ENGINEER

San Francisco, Cal., November 20, 1908.

To the Honorable, The Board of Public Works,
Of the City and County of San Francisco.

Gentlemen: I submit herewith an annual report of the operation of the Bureau of Engineering for the fiscal year 1907-1908.

During the first half of this year, the work was under the direction of Mr. T. P. Woodward, City Engineer. Besides the current work indicated in the accompanying tables, studies were being continued for an adequate and pure water supply; for a very extensive and elaborate Fire Protection System; for the construction of the main drainage sewers of the City as outlined in 1898-1899 under the Board of Engineers with Dr. Rudolph Herring C. E., as the Consulting Engineer; also, for a Municipal Garbage Destructor.

WATER SUPPLY.

Very little work was done directly under this Bureau in the matter of Water Supply, but extensive negotiations were conducted under the direction of the Board of Supervisors with the Department of the Interior, Turlock and Modesto Districts and owners of lands in reservoir sites applied for by the City.

The work of securing an adequate supply of water from the Sierra Nevada Mountains either as a reinforcing supply or in case satisfactory purchase of the existing supply cannot be accomplished, as an independent supply, has progressed since 1904, largely under the direction of the undersigned.

The work and filings accomplished during the first four years of the Charter Administration was entirely overthrown by the Board of Supervisors in 1906, which Board formally and by resolution abandoned all previous work in the interest of a special supply advocated by the promoters claiming control thereof.

In 1905 an examination was made of a possible development of the South Fork of the American River in conjunction with the northerly tributaries of Cosumnes River, which sources were advocated by the Bay Cities Water Co. These sources and those of the Moquelumne were examined and not considered desirable by the City Engineer, and the Consulting Engineer advising in this matter. The Board of Supervisors in 1906 formally abandoned the sources selected and the basin of the Tuolumne by the previous administration, and undertook to supplant them by the South Fork of the American River. This proposition was, however, thwarted when the City got rid of that administration. In 1905 the undersigned applied to the President of the United States and secured a reversal of the decision of Secretary of the Interior Hitchcock and that of Secretary of Commerce and Labor, Metcalf. The office of the Attorney General was appealed to and sustained the view that the application of the City was just and equitable, and that the laws empowered the Secretary to grant said application. In the meanwhile, a change in the head of the Department of the Interior resulted in the appointment of the Honorable James Rudolph Garfield, Secretary of the Interior. He investigated the matter through the Reclamation Service, and in July, 1907, gave the City and interested irrigation districts a hearing. This resulted in the sending of the City Engineer to Washington in April and May, 1908, when a grant of reservoir rights of way

was made by the Secretary of the Interior to the City and reported to the Honorable Board of Supervisors on the 18th of May, 1908. Full details of this has been published and further reference is unnecessary at this time. The work of this office in this matter to the end of the fiscal year has been confined to arranging the details of demarking the boundaries of the surveys, perfecting options upon privately held lands in and adjacent to the Hetch Hetchy Reservoir preparatory to making exchanges with the Government for title to the entire areas embraced in the flood lands of both reservoirs.

AUXILIARY WATER SUPPLY SYSTEM FOR FIRE PROTECTION.

Work has been in progress for a number of years in the matter of an Auxiliary Water Supply System for Fire Protection. This work was commenced in 1902 and has continued despite the interruption due to the earthquake and fire of 1906. The enormous losses at that time emphasized the necessity of pushing this work, and it was immediately undertaken with renewed vigor. As a result the following report was submitted on March 16, 1908:

To the Honorable, The Board of Public Works
Of the City and County of San Francisco.

Gentlemen: I have the honor to transmit herewith the report of Assistant Engineer H. D. H. Connick and Consulting Engineer T. W. Ransom on a Municipal Fire Protection System. This work has been done by authority of Ordinance No. 353 (New Series) Jan. 29th, 1908. The greater portion was done under the general direction of my predecessor, Mr. T. P. Woodward. I have, however, gone carefully over the work of Messrs. Connick and Ransom and it affords me pleasure to commend the skill and thoroughness which they have brought to bear upon the problem. No detail, experience, nor principle developed elsewhere has been overlooked, as will be made manifest by a study of their report. This study embraces a wide range of the literature of fire loss and earthquake damage, the means taken to prevent them and the practical application of these means to the requirements developed by the disaster of April 18-21, 1906.

There is also transmitted through Mr. William J. Dutton, Chairman Committee on Fire Department and Water Supply of the Executive Committee of the Board of Fire Underwriters of the Pacific, the report of

Mr. W. C. Robinson, Chief Engineer, Underwriters Laboratories, Incorporated.

This report reviews from the highest technical standpoint the features and details of the Fire Protection System herein submitted. It is gratifying that from so high an authority the following commendation is made: "As I stated at the beginning of this report, I now reiterate at its conclusion, my opinion that the proposition for an auxiliary water system for fire protection in San Francisco as covered by the engineers' report, is the one best suited to the present needs of the City; one which will prove of lasting benefit to the community, and if efficiently operated, show itself to be a wise investment in the curtailment of loss by fire and in the substantial recognition such curtailment must receive from the Fire Insurance Companies doing business in San Francisco."

In reference to the minor suggestions offered by Mr. Robinson; the location of hydrants proposed by Messrs. Connick and Ransom is intended as tentative only, the suggestions regarding the pumping stations will receive careful consideration in the preparation of the final plans, additional hydrants and other connections may be installed at any time after the completion of the system should it prove necessary.

The great problems of fire protection in this city are severely conditioned in certain restricted areas with the risk of possible damage to the water mains

by earthquake. These areas have been defined, and, provided with their own distributing system which will guard the rest of the pipe system against loss of water and pressure in the event of ruptures in the filled-in areas. There is also provided in these areas a limited supply in underground cisterns, and furthermore, they can partly be reached effectively by lines of hose from fire boats or from the adjacent solid ground.

As will be indicated later it is recommended to still farther reduce fire, conflagration and earthquake hazards in these areas by preventive measures of highest efficiency, and, to extend these measures far more extensively than at present to all parts of the City.

CONDITIONS WHICH MAKE IT NECESSARY TO INSTALL A FIRE PROTECTION SYSTEM IN THIS CITY.

The inadequacy of the present water supply, the small size of the distributing mains, which are not designed for the high pressure now required, the combustible nature of our buildings, the topographical and climatic conditions and the liability to earthquakes make an extensive fire protection system necessary in this City.

Since our great losses on April 18-21, 1906, the price of insurance has been raised to such a figure that it is a severe handicap to all business and imposes upon this community a burden of over \$4,000,000.00 annually. The necessity of reducing this makes it imperative that both protective and preventive measures of the highest efficiency be provided; for only by the use of such measures can the great loss of the disaster of April 18-21, 1906, be made of practical and profitable use. As the protective system will benefit both the insurer and the insured, the cost should be borne by both. As the interest on the necessary bond issue and sinking fund must be provided by a general tax upon the homes, properties and industries of the City, the owners should be guaranteed a very substantial reduction of the price of insurance upon the installation of the system herein proposed. The cost will then be more equitably distributed and within a few years will be returned to each through reduction of the destruction by fire.

After a study of the various possible and proposed methods of fire protection, Messrs. Connick and Ransom determined that the most efficient system is to lay cast-iron mains buried about five feet below the surface of the streets under sufficient pressure to render the use of portable steam pumping engines or fire engines unnecessary. Such a system will be always ready for instant use, in fact, in many cases, it may be used even before the arrival of the fire department. By dispensing with the use of heavy fire engines, the department will be able to reach a fire and apply water to it more quickly than at present. All the water that the department can use will be available in all parts of the protected districts. With the precautions which are provided against damage by earthquake, this system may be relied upon to offer a greater resistance to destruction than the majority of the buildings which it is designed to protect.

On account of the rapid deterioration of pipes exposed to salt water and the damage to stocks of goods which the use of salt water at a small fire would entail, it has been decided to use fresh water under ordinary conditions and salt water only in the event of exceptionally large fires.

CAPACITY OF THE SYSTEM.

After consideration of the quantities of water that have been used in great fires in this country and England, it has been decided to adopt the recommendation of the Committee of Twenty of the National Board of Fire Underwriters, which requires that the system be designed so that fifteen thousand

gallons of water per minute may be concentrated on any area in the congested value district of one hundred thousand square feet. The size of mains and location of hydrants have consequently been determined on this basis. This delivery of water is sufficient to cover one of the blocks in the fifty vara survey more than one foot in depth in one hour; or, the block bounded by Kearny, Post, Grant Avenue and Sutter Street can be covered 25 feet in depth in a day. As more than one fire may occur at once, or as a part of the system may be out of service, it has been considered advisable to provide for the delivery into the distributing system of more than twice the above quantity, or 43,000 gallons for thirteen hours and 28,000 gallons for sixty-four hours thereafter. This is equivalent to 52,000,000 gallons in the first twenty-four hours and 40,000,000 gallons per day thereafter, or more than is available from the works of the Spring Valley Water Company for all purposes. Working pressures up to two hundred and thirty pounds per square inch will be necessary at the hydrants in order that this water can be used to the best advantage and in order to provide for the loss of pressure through friction in the pipes of the distribution system, provision is made for static pressure up to three hundred and twenty-seven pounds.

The system which is proposed may be described as follows:

TWIN PEAKS RESERVOIR.

Two storage reservoirs, having a combined capacity of ten million gallons will be located on Twin Peaks in the vicinity of the intersection of Twentieth street with the southerly extension of Cole street, at an elevation of seven hundred and fifty-five feet. They are to be constructed by making rock excavations and lining the sides and bottoms with concrete. Two lines of twenty-inch pipe will connect these reservoirs with the distributing system and with the upper distributing reservoir.

PROTECTED AREA.

The protected area is shown on Sheet No. 1 and lies on the easterly watershed of the peninsula between Potrero hills and the Golden Gate. It includes the entire present fire limits and nearly all of the district in which shingle roofs are prohibited. In extent it covers 5,300 acres, about 8.2 square miles or nearly double "the burned area."

DIVISION OF PROTECTED AREA INTO TWO ZONES.

Since the pressure from these storage reservoirs will be greater than is necessary, except for the very largest fires, and since maintaining this pressure constantly on the mains will involve considerable expense and some danger, the protected area has been divided into two zones.

The lower zone will include those portions of the protected areas less than one hundred and fifty feet in elevation and is six square miles in area. It will be supplied from a concrete reservoir having a capacity of one million gallons which is to be constructed under the roadway of Jones street between Sacramento and Clay streets and having an elevation of about 329 feet. The roof of this reservoir will be the roadway of the street and will rest upon concrete and steel beams.

As this zone includes the congested value district and the greater portion of the manufacturing and mercantile industries, it is to be girded by 14 and 18-inch mains and gridironed at frequent intervals in both directions with 12 and 14-inch mains.

The upper zone will include all those portions of the protected area, the elevation of which is more than one hundred and fifty feet and is $2\frac{1}{4}$ square

miles in area. It will be supplied from a reservoir of five hundred thousand gallons capacity situated in the vicinity of Seventeenth and Ashbury streets at an elevation of about four hundred and ninety feet.

These zones and the relation of the reservoirs and pipe systems are shown on Sheet No. 1.

Each of these zones is to be supplied with water under pressure up to one hundred and fifty pounds from its own distributing reservoir located at considerably less elevation than the main storage reservoir, as mentioned above. When necessary the mains of the upper zone may be connected with the Twin Peaks reservoirs and the pressure raised to two hundred and eighty-four pounds or less, depending upon the elevation.

The mains of the lower zone may be connected with the reservoir of the upper zone or with the Twin Peaks reservoirs whenever pressures higher than ordinary are required. Both zones are thus commanded by ordinary pressures for general use and high pressures for emergencies. In addition, salt water stations and fire boats are designed to pump either against the lower ordinary pressures or against the highest pressures of emergency conditions.

FRESH WATER PUMPING STATIONS.

The above named reservoirs will be filled with fresh water which will be pumped into them through the pipes of the distributing system from two stations situated near Seventh and Harrison streets and near Sixteenth and Shotwell streets respectively. The capacity of each station will be 1,050 gallons per minute or one and one half million gallons per day. A number of wells will be sunk in the streets in the vicinity of each station and water pumped from them to a concrete cistern under the station by means of air lift pumps. Centrifugal pumps will draw the water from these cisterns and deliver it into the distributing system under sufficient pressure to force it through the pipes to the desired reservoir. As these stations are intended only to fill the reservoirs and to supply evaporation and leakage, a few hours interruption in their running will have no material effect on the efficiency of the system. They will, therefore, be operated by electric motors using current from the power wires of the local electric companies.

The quantity of water stored in the above reservoirs is about twice the amount that was used in controlling the Baldwin Hotel fire, which was one of the largest in the history of this City; it is, therefore, evident that it will be sufficient to control all but the very largest fires or a general conflagration.

SALT WATER EMERGENCY SUPPLY.

To guard against these emergencies, two salt water pumping stations are to be provided on the water front and two large fire boats which can be used independently or be connected with the pipe system. One of the pumping stations will be situated in the vicinity of Second and Townsend street, the other will be located near the northerly termination of Van Ness avenue or Polk street. Each station is designed for an ultimate capacity of sixteen thousand gallons per minute and pumping machinery having a capacity of ten thousand gallons per minute will be installed at once.

The pumps will be of the turbine type capable of delivering water at pressures up to three hundred pounds per square inch. Consideration of the various types of motive power available shows the steam engine to be the most desirable in economy and reliability; this type has accordingly been selected. Water tube boilers will be used; they will be fitted to burn fuel oil in the furnaces.

Storage tanks for a sufficient quantity of oil to run each plant for forty-eight hours at its full ultimate capacity of sixteen thousand gallons per minute are to be provided. No effort nor expense is to be spared in the design and

construction of these plants to make them earthquake proof and secure from other accidents. The total horse-power developed in each station when pumping ten thousand gallons per minute against three hundred pounds pressure will be about three thousand or six thousand for the two stations, which is more than twice the power of all of the steam fire engines, including reserve engines at present in the City.

FIRE BOATS.

To protect property on the water front and to reinforce the system, if necessary, two large fire boats are to be provided. They will be about 135 feet long, 26 feet beam and 13½ feet deep. They will draw about 11 feet of water and the displacement of each will be about 520 tons. Each boat will be constructed of steel throughout and will be equipped with propelling machinery capable of driving at a speed of about thirteen miles per hour, and with pumps capable of discharging 8,000 gallons per minute against the ordinary pressure of 150 pounds per square inch, or 4,000 gallons per minute against the emergency pressure of 300 pounds per square inch. They will be provided with every appliance to make them of the highest efficiency either independently or to reinforce the salt water emergency pumping stations. Twenty-three stations at which they may be connected to the distributing system will be provided on the water front. The concentration of the energies of both emergency salt water pumping stations and the two fire boats will enable the Fire Department to cope with a general conflagration, even in the remote and almost impossible contingency of the crippling of the mains from the reservoirs.

THE PIPE SYSTEM.

The capacity of the pipe system has been previously mentioned. The pipes and connections are to be of sufficient strength to stand the full pressure of the storage reservoir or 327 pounds per square inch, and are to be tested to double this pressure. The aggregate length is 91½ miles. Maximum size of mains 20 inches and minimum size 12 inches in diameter with 8-inch hydrant connections.

Whenever it shall be found necessary to extend the system, the machinery and mains now proposed are of sufficient capacity to permit such extensions without changing any part of the system. It will only be necessary to acquire the sites, provide the storage reservoirs and install the required cast-iron mains and hydrants for districts beyond the present boundaries of the protected area.

Cut-off gate valves are provided at sufficient intervals to prevent loss of pressure in the system in case of breaks in the mains through the artificially filled areas, and to cut out any block for repairs or connections without shutting off water from adjacent blocks.

The pipe, gate and hydrant systems are shown on Sheet No. 1, together with their connections with the main and distributing reservoir, the emergency salt water pumping stations and fire boat connections. Hydrants in the congested value district of the lower zone are so distributed that with maximum hose lengths of 400 feet 15,000 gallons per minute can be concentrated on any area of 100,000 square feet; in other parts of the protected area from one-half to three-fourths this volume of water can be concentrated on a block.

FIRE CISTERNS.

As an additional precaution existing fire cisterns are being cleaned out, repaired and filled and provision is made for one hundred additional ones of reinforced concrete, each having a capacity of 75,000 gallons. Sixty of these are shown on Sheet No. 3 and forty more are to be located as indicated by the Chief Engineer of the Fire Department.

TELEPHONE CONTROL AND OPERATION.

For the direction and control of the entire system 395 special telephones are provided. These are to be upon 66 independent under-ground circuits connecting with the switchboards at the pumping stations. In addition there will be connections between each of these central stations with the nearest office of the local telephone companies and with the Police and Fire System.

Two lines will be run to each gatehouse and also to the stations of the fire boats.

ESTIMATED COST.

The estimated cost of this system is as follows:

Two storage reservoirs on top of Twin Peaks, capacity 10,000,000 gallons	\$ 126,000.00
Distributing reservoir of Upper Zone, near Seventeenth and Ashbury streets, capacity 500,000 gallons.	17,000.00
Distributing reservoir of Lower Zone in Jones street, between Sacramento and Clay streets, capacity 1,000,000.	55,000.00
Distributing system consisting of 483,558 lineal feet of cast-iron pipe with necessary specials, gate valves, gate boxes, hydrants, air valves, relief valves, blow-off valves and fire boat connections	2,900,000.00
One hundred 75,000-gallon cisterns.	600,000.00
Two fresh water pumping stations.	117,000.00
Two salt water pumping stations.	650,000.00
Two fire boats	300,000.00
Quarters for men on wharf	10,000.00
Telephone System	125,000.00
Real estate for distributing reservoirs and pumping stations.	100,000.00
Engineering, preparation of plans, specifications, testing materials and inspection of construction.	200,000.00
Total	\$5,200,000.00

When this system shall have been installed, San Francisco will have the most powerful and efficient engine of fire protection ever constructed. The area protected is greater by 2,300 acres than that of Greater New York and the volume of water available will exceed that available either in New York or Brooklyn.

The means to be provided for the application of water to the seat of a fire will be the most modern and efficient known to fire protection engineers. The safeguards with which the system is to be surrounded to protect it or any considerable portion of it from damage by earthquake or accident are more extensive than have hitherto been considered necessary.

Statistics show the annual fire loss in the United States to be between seven and eight times as great as that in European countries. For every dollar's worth of gold and silver produced in all the mines of the United States and Alaska during the last thirty-seven years, property to the value of one dollar and fifty-two cents has been destroyed by fire during the same period. This appalling loss is accounted for by the combustible nature of our buildings and the carelessness of our citizens.

San Francisco is more exposed to fire loss than other large American cities for the following reasons: A larger proportion of our buildings are constructed of wood. The topography is such that a large number of streets are too steep to admit the rapid movement of heavy fire apparatus. During the summer months practically no rain falls and the sides and roofs of our buildings become

very dry, at the same time winds having average velocities of from 14.1 miles per hour in April to 22 miles per hour in July prevail during the afternoon hours and greatly increase the danger of fire escaping from the control of the fire department. The fire department depends for water for fire protection purposes principally upon the mains of the Spring Valley Water Company. It is recognized that the works of that company are constructed on conservative lines with large factors of safety, but partly on account of defects which can be remedied only at an expense which the company claims its income will not warrant and partly by reason of defects which are inherent the fire protection afforded is not sufficient. The pressure is too low and many of the distributing pipes are too small to permit of the delivery of sufficient quantities of water for effective fire control in all parts of the city. Many of the mains pass over ground liable to serious displacement from earthquake, and, as was shown in the conflagration of April, 1906, are a serious menace to the safety of the entire city because of insufficient gate control to guard against loss of water and preserve the rest of the system should these pipes be ruptured. Furthermore, it is not desirable in a city like San Francisco to attempt to combine a domestic supply and a fire protection system in one, as in the event of a general conflagration the loss of water through broken house connections in districts already burned over is liable to impair or destroy the efficiency of the entire system, and numerous small connections increase the earthquake hazard in the pipe system.

Although fire insurance experts have long known that these conditions render San Francisco especially liable to a great conflagration, the extreme danger of the situation was not fully appreciated until the fire of April, 1906, showed how easily the city could be destroyed. The result of that conflagration and the consequent realization of the existing conflagration hazard has been that fire insurance rates have been greatly increased and the agents of the various insurance companies have been so limited in the amount of business they are permitted to write that competition has been practically eliminated and many merchants are unable to obtain fire insurance even at such high rates as five per cent and upwards per annum. Under modern conditions such a state of affairs makes it exceedingly difficult and expensive to conduct business and will, if steps are not taken at once to reduce the conflagration hazard, seriously handicap the future growth of the city.

The comparative ease with which the recent conflagration was finally checked along Van Ness avenue and in the Mission, has created in the mind of the public an erroneous opinion as to the difficulty of controlling a general conflagration. The fire originated in the eastern part of the city and spread in a direction contrary to that in which the prevailing wind was blowing so that it was retarded rather than assisted by this wind, consequently it was checked without great difficulty, wherever even comparatively small quantities of water were available.

"The burned area had a fire front of 49,305 feet or 9.34 miles, a water front of 9,510 feet or 1.80 miles and a total of 58,815 feet or 11.14 miles.

Of this 49,305 feet of frontage, 9,540 feet are on the wide streets or avenues—Van Ness avenue, Market and Dolores streets. The remainder, 39,765 feet, are on ordinary streets, across blocks, etc., or about 20% of the total frontage is on wide streets, and the remainder, 80% on ordinary streets, etc." (P. 56 Report of Sub-Committee on Statistics).

Considering these data and the fact that in the absence of a water supply, the fire crossed and re-crossed streets of the width of Market, Van Ness avenue and Dolores, the main dependence must be placed on the efficient means herein proposed.

Had the earthquake which preceded it not disabled the water supply system by breaking a number of distributing mains and house connections, the fire or

fires could undoubtedly have been confined to a few buildings in the vicinities of their origin. The great danger to San Francisco is that fire originating in the Western Addition or the Mission at a time when a strong west wind is blowing will get beyond control of the fire department and, fanned by the wind, will be swept through the congested value district to the eastward until it reaches the bay shore. Such a disaster can be prevented only by providing water in larger quantities and at higher pressures than have hitherto been available, and by the introduction of fire preventive measures of high efficiency.

FIRE PROTECTIVE MEASURES.

It is manifest that after having put in operation the most efficient and largest fire protection system in the world that but a portion of our duty will have been performed; there yet remains the necessity for reducing fire, conflagration and earthquake hazards by a far greater restriction of the use of combustible materials in buildings and the substitution therefore of absolutely non-combustible materials and the modification of the building laws so as to permit and prescribe a greater safety from damage by earthquake. These measures, while practically more necessary in the restricted areas of the artificially filled lands, are also greatly needed all over the city.

It has been clearly pointed out that our risks are greater than elsewhere and that fire losses are greater in the United States than in Europe by reason of our greater use of combustible material in construction. It is, therefore, our imperative duty to the lives and interests of this city to reduce these risks, first, by extending the fire limits, and second, by prescribing a far greater use of non-combustible materials in all building operations. Fortunately there are sound reasons other than fire and conflagration risks in favor of this change. First: Greater protection of life. Second: Economy in construction. Third: A decrease in earthquake risk, and Fourth, further reduction in insurance rates.

Moreover, our mild climate permits us to adopt types of construction different from and cheaper than those in use in Eastern cities. It is therefore recommended

First. That a definite study be made as to greater extension of fire limits with the particular aim of extending them over the artificially filled lands where all hazards are at a maximum.

Second. That an entire reclassification of buildings be made and that certain types now permitted be restricted or prohibited and that others be introduced.

The proposed classification will only be indicated at present and should be fully discussed and elaborated with a view of reducing to a minimum the hazards of the lives, homes, properties and industries within our borders.

Class A buildings should be defined to include all buildings erected entirely of non-combustible materials. At the head of the list should stand Class A1, the modern steel framed building providing with every requirement of the National Board of Underwriters. Near the bottom of the list a steel framed building not exceeding two stories in height, covered and roofed with galvanized iron.

This is outlined in the following table:

CLASS A1.

Steel cage construction, concrete brick or tile walls and floors, metal framed doors, windows and finishings, plate wire glass windows, iron or asbestos curtains on exposed sides.

CLASS A2.

Concrete or brick walls, steel posts, concrete or tile covered, concrete, steel or tile floors, steel framed metal covered roof, fire shutters on exposed sides.

CLASS A3.

Reinforced concrete walls, steel framed roof, metal covered fire shutters on exposed sides.

CLASS A4.

Light steel frames, walls metal lathing or expanded metal, plastered with cement mortar on one or both sides of framework, concrete, steel or tile floors, metal roof, metal framed windows and doors, plate wire glass, asbestos curtains, for light stores or dwellings, etc.

CLASS A5.

Steel frame, corrugated iron sides and roof for sheds and lightest buildings. If more than one story, walls metal lathed and plastered, upper floors of steel and concrete or tiles. Wire glass windows and skylights.

CLASS A6.

Any combination of the above classes which are structurally sound.

Class B should include the present Class B1 and a second Class B2, suggested by City Architect Tharp, constructed of a properly proportioned and braced wooden frame with wire or expanded metal lathing plastered inside and out, and with floor protection and ceilings of the same materials. It will be observed that this building is not only earthquake proof but has high fire and conflagration resistance.

The present Class C should be strengthened as to wall ties, and restricted in size and height.

It is apparent that one of the forms of Class A or slight modifications to include it in Class B or Class B2, will largely supersede frame buildings to the advantage of the property holder, and that these can be used in the present fire limits at less expense and hazard than the present Class C.

If the improvements above outlined be made San Francisco will have but little dread from even a more serious earthquake than that of April 18th, 1906; the possibilities of great fires will be reduced from a maximum, as at present, to a minimum; and confidence will mark our recovery and development in every line to the remotest future.

On May 11, 1908, the provision of funds necessary to carry out this work was submitted to the electors of the City and the necessary bond issue was carried.

It became apparent several months prior to this election that the bond issue would be approved. This office, therefore, assumed the responsibility of pushing the preparations of detailed plans and specifications for the fire boats and other work, which work was continued to the close of the fiscal year, and construction work will be undertaken in the fiscal year 1908-1909.

SEWER SYSTEM.

The work of perfecting the plans of the sewer system outlined and approved in 1898-1899, by the then Board of Engineers, and endorsed by Rudolph Herring, has continued during the intervening years. The serious damages done by the earthquake were repaired, but in no instance was it found that the sewers of this system constructed under the bond issue of 1904, were seriously injured except where caught in an uncompleted condition.

During the fiscal year 1907-1908, these plans were perfected and submitted with the bond issue of May 11, 1908. This matter has been fully reported upon in the past, but it is necessary to submit the following brief review of the work and an outline of that contemplated by the present bond issue:

DATA AVAILABLE.

Fortunately very extensive studies have been made of this problem and printed reports of the results are available. However, all the original notes and large scale maps of existing and proposed sewers were destroyed in April, 1906, but the undersigned and several members of the engineering staff of the City Engineer's office were employed on the original work.

The following printed reports are available:

"Progress Report of the Engineers in Charge to Devise and Provide a System of Sewerage," (1892-1893), Board of Engineers, Prof. Davidson, Col. Mendell, M. Irving Scott, Marsden Manson and C. E. Grunsky.

"Report Upon a System of Sewerage," C. E. Grunsky, Marsden Manson, Chas. S. Tilton, City and County Surveyor, and Rudolph Hering, Consulting Engineer, 1899.

"Report Upon a Sewerage System for San Francisco, Cal.," by C. E. Grunsky, City Engineer. Date, June 30, 1903. Municipal Reports, San Francisco, 1902-1903.

Studies and modifications of the above under the Board of Public Works, 1900-1907, by City Engineer Grunsky and Principal Assistant Engineer Connick.

These data are made use of in the preparation of this report.

TOPOGRAPHY OF THE PENINSULA.

The topographical features of the peninsula on which San Francisco is built have been quite fully described in the reports previously made, and are fully detailed on the printed maps accompanying these reports.

The City and County is in the shape of an irregular square, with sides nearly seven miles long running north and south and east and west; out of the northwest corner of this irregular square a smaller one about four square miles in area, is cut out. The east and north shores on the peninsula are washed by the waters of the bay, and the west by the Pacific Ocean.

The natural watersheds, are, therefore, three: westwardly into the ocean; eastwardly into the bay; and northerly into the bay and Golden Gate. The ridge dividing the ocean drainage from that of the bay crosses the southern boundary of the county near its median point and extends in a nearly direct line to Fort Point. The elevations of this ridge range from 250 to 900 feet. Thus, by far the greater portion of the area permits of rapid gravity drainage. This ridge, together with the minor subdivision ridges control the division of the city and county into sewage districts.

DISPOSITION OF DRAINAGE AND SEWAGE.

The topography of the peninsula of San Francisco is such that its drainage of whatever nature must be discharged from its easterly and northerly slopes into the Bay of San Francisco and from its westerly slope into the Pacific Ocean. No other rational and economic disposition is possible.

The degree of dilution secured by the solution of proper points of outfall is such that no perceptible pollution of the waters of the bay can result.

POINTS OF OUTFALL.

These may be: (1) Multiple, or to the most direct points of discharge in conformity with the plans more or less, followed prior to January, 1900, which provided some-125 points of discharge between Hunter's Point and the Presidio, and which have resulted in the nuisances now existing on the bay frontage;

or (2) They may be selected as recommended in the reports above referred to, and which are reaffirmed in this report.

The selected points were chosen by reason of the strong tidal currents which sweep between them and the shore, thus giving the maximum dilution of sewage, together with its entire removal from the shores of the bay and ocean.

In selecting these points of outfall the following principles have been observed:

First. To remove and suppress the present nuisances around the bay frontage from Butchertown to Washerwoman's Bay, notably at Islais Creek, Channel street, the foot of Brannan, Washington, Pacific, Powell and other street, by collecting the sewage in large mains and discharging it only at selected points where the tidal currents will sweep it into deep water, distribute and dilute it to the maximum extent, and thus to make the shore waters of the bay adjacent to the wharves and docks clean and pure.

Second. To preserve forever from any taint or appearance of contamination the waters and shores of the beach at and south of Pt. Lobos.

These selected points of discharge were determined upon only after a series of observations by means of floats conducted during all stages of the tides and over a period of three months and a critical study of the results.

The points at which the sewage will ultimately be discharged are:

1. Off Hunter's Point.
2. Off the northerly termination of Dupont street.
3. Off the northerly termination of Pierce street.
4. Off Mile Rock Point.

The plans are as follows:

1. To conduct by gravity by means of sewers in Milliken street and Visitation avenue, the sewage from Visitation Valley to a temporary outfall in the bay just north of the southerly boundary line of the City and County.

2. To conduct by gravity all of the sewage, together with that fraction of the drainage due to a rainfall of $\frac{1}{4}$ of an inch in twenty-four hours from the Hunter's Point district, as shown on the accompanying plan, the aggregate area of which is over 2,300 acres.

The main sewer will commence at Mission and Springdale streets and follow along the best grades and alignments in a general easterly and south-easterly direction to Fifth avenue and H street, where it will discharge temporarily into the waters of the bay; eventually it is to be continued to Hunter's Point, and carried into the deep waters of the bay, well off shore.

Ultimately this gravity main will receive by pumping the sewage from the flat districts south of Islais Creek Channel and from those to the north of South Basin. At selected points drainage in excess of the rainfall noted is to be carried by relief sewers along the most direct lines of the bay. The temporary outfall above noted is to serve as a future storm water outlet.

NORTH POINT MAIN.

This main will commence at Treat avenue and Twenty-ninth street, where it receives several sub-mains and will be located thence along the best grades and alignments to the outfall point, receiving en route the several sub-mains serving the sub-districts of this district. In this location due regard will be had to the results of studies now in progress as to the stability of the foundations at certain points.

At selected points this main is to be relieved of drainage water, in excess of the rainfall named, and this excess storm water conducted by gravity relief sewers to the most convenient points of discharge in the bay or its tidal estuaries. The main will serve about eighty per cent of the present population. The separate system and pumping stations are necessitated by the following facts: Over the district east on Sansome and between the bases of Telegraph

and Rincon hills, and over the flat area between Howard street and Central Basin, officially established grades are too low to give adequate basement and sanitary drainage; hence, these districts must be separately sewered for these purposes; and storm drainage waters must be carried by large sewers to the most suitable and convenient points of outfall on the water front and on Channel street.

UPPER ISLAIS CREEK SEWER DISTRICTS.

In the earlier studies made of the disposition of sewage from the upper Islais Creek sub-districts, preference was given to passing this sewage through the divide by tunnel and delivering it into the North Point main; and to divert surface flood waters down Islais Creek. This preference was given by reason of the fact that at that time the early construction of the North Point main was probable, and that the construction of an outfall to Hunter's Point would be delayed for some definite period and temporary outfall made use of at N street South and Fifth avenue South, which is an undesirable point at which to concentrate a large amount of sewage.

The alternate proposition of carrying this sewage to the Hunter's Point outfall, under the changed conditions which have elapsed since these first studies were made, has not been given the necessary study by reason of lack of time. The modified route will be more fully considered, and the conditions should be made sufficiently elastic to permit of its adoption, should these studies show such modifications to be preferable.

3. To collect and discharge by gravity mains off the northerly termination of Pierce street all sewage and drainage originating north of the summit of the ridge commencing at Black Point and encircling to the southwest and west of the north slope of the bay drainage, aggregating about 800 acres. This district is designated as Harbor View district in the report of 1899.

The mains necessary to drain this district are in part constructed. They are to be completed and extended to the proper point of discharge well off shore.

4. To collect by gravity mains all sewage and drainage from the entire ocean slope of the peninsula, and discharge the same at Mile Rock outfall in the ocean currents washing that point. (For details of these districts and sub-districts see the reports above referred to, and maps, etc., on file in the City Engineer's office, to which special reference is hereby made).

This main will commence at W street, near Forty-fifth avenue, and will extend thence northerly along the best grades and alignments to the Mile Rock outfall, receiving along its route the sub-mains from the Ocean View district, Sunset district and West Richmond district.

At present the sewage from the Richmond district is being discharged into the ocean opposite the northerly termination of Twentyseventh avenue, or at the southerly end of Baker's Beach.

Ultimately it will be desirable to construct a tunnel and discharge this sewage at Mile Rock, the present outfall remaining in use as a point for storm water disposal.

These five districts will cover the entire city and county, and the mains herein proposed will be built with a full consideration of the probable increase in their population.

CAPACITIES OF SEWERS.

The sewers are proposed to carry the sewage and the maximum amount of runoff due to the periods of intensely heavy rainfall indicated on the rainfall intensity diagram hereto appended.

Wherever necessary the mains of each district are to be relieved of discharge in excess of sewage and one-fourth of an inch of rainfall per twenty-

four hours. This excess is to be carried by relief sewers to the most convenient outfall point. The relief sewers will be called into use on the average less than thirty days each year, and may be expected to serve up to their full capacity once or twice a year. Beyond the points of relief the mains will be reduced in capacity to the sewage plus the runoff due to one-fourth of an inch rainfall per twenty-four hours.

The sewers herein provided for will supply the necessary outfall to all the new and growing sections of the city as well as those now quite densely built up. It is intended that by the later construction of the necessary sub-mains and laterals no portion of the City and County shall be left without proper drainage and sewerage facilities. Detailed studies are being made with a view of reducing the area of some of the pumping districts, which are served by the separate system, by the introduction of gravity pressure mains.

PROPOSED SEWERS.

In order to indicate clearly which sewers are recommended for early construction the following table has been prepared. The estimate of cost covers the construction of all the sewers which are recommended for immediate construction, even in those cases where streets are not now ready to receive them and where several years may elapse before their construction.

The information in the tables relating to sewer sizes is given in detail so far as definiteness could be given to the location of sewers, except in the following cases:

In the case of Yerba Buena District, a complete system of sewers for the collection of sewage proper, are recommended for immediate construction, and are covered by the cost estimate.

In the case of Mission Flats District, the sewers embrace the entire system of sewers for sewage proper except a few local sewers on unimproved waterfront property, and embraces also the sewers at once required south of Channel street.

All of the structures and devices of every kind, including manholes, connections with old sewers, relief outlets, pumping stations and outfall works, which are necessary for the successful operation of sewers now recommended for construction, are to be considered a part of these sewers and are not specifically enumerated in the following table, but are covered by the estimate of cost.

Abbreviations used in the table are as follows:

N. North or northerly.

So. South or southerly.

E. East or easterly.

W. West or westerly.

Br. Brick. (Brick means either brick, or concrete and brick).

Br. conc. Means brick and concrete.

I. S. P. Iron-stone pipe.

Req. Required.

Pro. Proposed.

Prod. Produced.

Sta. Station.

R. O. W. Right-of-way.

Wd. Wood.

Conc. Concrete.

Extd. Extended.

Ret. Retained.

Rec. Recommended.

Itr. Intermediate.

TABULAR EXHIBIT

SHOWING PROPOSED NEW MAIN AND INTERCEPTING SEWERS, AND OLD SEWERS ON WHICH MORE OR LESS REPAIR WORK IS TO BE DONE TO MAKE THEM A PART OF THE MAIN DRAINAGE SYSTEM; ALSO SHOWING AGGREGATE LENGTHS OF SEWERS FOR SEWAGE ONLY IN THE MISSION FLATS AND YERBA BUENA DISTRICTS, AND THE SEWERS RECOMMENDED FOR IMMEDIATE CONSTRUCTION.

NORTH POINT DISTRICT—MAIN SEWER.

Name of Street.	From	To	Length Feet	Material	Pre- scribed Size	Size of Old Sewer
* San Jose Ave.	Canal St.	Thirtieth St.	4,158	Tunnel.	3' x 4' 6"	.....
* San Jose Ave.	Thirtieth St.	Twenty-ninth St.	624	Br. Conc.	3' x 4' 6"	.....
* San Jose Ave.	Twenty-ninth St.	Valley St.	312	"	3' x 4' 6"	.....
* San Jose Ave.	Valley St.	Duncan St.	624	"	3' 6" x 5' 3"	.....
* San Jose Ave.	Duncan St.	Twenty-seventh St.	311	"	3' 6" x 5' 3"	.....
* San Jose Ave.	Twenty-seventh St.	Army St.	326	"	3' 6" x 5' 3"	.....
† Army St.	San Jose Ave.	Valencia St.	322	"	6' 6"	5'
* Valencia St.	Army St.	Twenty-sixth St.	304	"	2' 6" x 3' 9"	.....
* Twenty-sixth St.	Valencia St.	Bartlett St.	321	"	3' x 4' 6"	.....
* Twenty-sixth St.	Bartlett St.	Mission St.	321	"	3' x 4' 6"	.....
* Twenty-sixth St.	Mission St.	Capp St.	317	"	3' x 4' 6"	.....
* Twenty-sixth St.	Capp St.	Howard St.	316	"	3' x 4' 6"	.....
* Twenty-sixth St.	Howard St.	Shotwell St.	317	"	3' x 4' 6"	.....
* Twenty-sixth St.	Shotwell St.	Folsom St.	316	"	3' x 4' 6"	.....
* Twenty-sixth St.	Folsom St.	Treat Ave.	316	"	3' x 4' 6"	.....
* Treat Ave.	Twenty-sixth St.	Twenty-fifth St.	584	"	3' 6" x 5' 3"	.....
* Twenty-fifth St.	Treat Ave.	Harrison St.	316	"	3' 6" x 5' 3"	.....
* Twenty-fifth St.	Harrison St.	Alabama St.	272	"	3' 6" x 5' 3"	.....
* Alabama St.	Twenty-fifth St.	Twenty-fourth St.	584	"	3' 6" x 5' 3"	.....
* Alabama St.	Twenty-fourth St.	Twenty-third St.	584	"	5'	.....
* Alabama St.	Twenty-third St.	Twenty-second St.	584	"	5'	.....
* Alabama St.	Twenty-second St.	Twenty-first St.	584	"	5'	.....
* Alabama St.	Twenty-first St.	Twentieth St.	585	"	5'	.....
* Alabama St.	Twentieth St.	Nineteenth St.	474	"	5'	.....
* Nineteenth St.	Alabama St.	Harrison St.	362	"	5' 6"	.....
* Nineteenth St.	Harrison St.	Treat Ave.	217	"	5' 6"	.....
* Treat Ave.	Nineteenth St.	Division St.	587	"	6' 6"	.....
* Division St.	Treat Ave.	Seventeenth St.	609	"	6'	.....
* Division St.	Seventeenth St.	Harrison St.	654	"	6'	.....

* Harrison St.	Division St.	556	..	6'
* Harrison St.	Fifteenth St.	584	..	6'
* Harrison St.	Fourteenth St.	251	..	6' 6"
* Harrison St.	Thirteenth St.	263	..	6' 6"
* Harrison St.	Twelfth St.	270	..	7'
* Harrison St.	Eleventh St.	492	..	7'
* Harrison St.	Tenth St.	492	..	7'
* Harrison St.	Ninth St.	633	..	7'
* Harrison St.	Eighth St.	633	..	7'
* Harrison St.	Folsom St.	633	..	7'
* Harrison St.	Howard St.	907	..	7'
* Harrison St.	Seventh St.	908	..	7' 6"
* Harrison St.	Sixth St.	907	..	7' 6"
* Harrison St.	Fifth St.	908	..	7' 6"
* Harrison St.	Fourth St.	907	..	7' 6"
* Harrison St.	Third St.	908	..	7' 6"
* Harrison St.	Second St.	633	..	7' 6"
* Harrison St.	Mission St.	651	..	7' 6"
* Harrison St.	Market St.	356	..	7' 6"
* Harrison St.	Sansome St.	447	..	7' 6"
* Harrison St.	Bush St.	344	..	7' 6"
* Harrison St.	Pine St.	351	..	7' 6"
* Harrison St.	California St.	341	..	8'
* Harrison St.	Sacramento St.	324	..	8'
* Harrison St.	Clay St.	324	..	8'
* Harrison St.	Washington St.	324	..	8'
* Harrison St.	Jackson St.	324	..	8'
* Harrison St.	Pacific St.	341	..	8'
* Harrison St.	Broadway	350	..	8'
* Harrison St.	Vallejo St.	344	..	8'
* Harrison St.	Green St.	344	..	8'
* Harrison St.	Union St.	344	..	8'
* Harrison St.	Filbert St.	344	..	8'
* Harrison St.	Greenwich St.	344	..	8'
* Harrison St.	Lombard St.	344	..	8'
* Harrison St.	East St. N.	402	..	8'
* Harrison St.	Francisco St.	432	..	8'
* Harrison St.	Bay St.	540	..	8'
* Harrison St.	North Point St.	570	..	8'
* Harrison St.	Beach St.	1,200	..	Two 60"
* Harrison St.	East St. N.		..	
* Harrison St.	Outfall		..	
* Harrison St.	Screen house at outlet		..	

* Recommended for immediate construction.

† Existing sewer to be retained.

CHARACTER AND DIMENSIONS OF REQUIRED SEWERS.

NORTH POINT DISTRICT—MAIN SEWER.—Continued.

Name of Street.	From	To	Length Feet	Material	Pre-scribed Size	Size of Old Sewer
* Overflow	Springdale and Mission Sts.					
* Overflow	Valencia St. and Army St.					
* Overflow	Treat Ave. and Eighteenth St.					
* Overflow	Harrison St. and Fifteenth St.					
* Overflow	Harrison St. and Fourteenth St.					
* Overflow	Harrison St. and Eleventh St.					
* Overflow	Seventh St. at Howard St.					
* Overflow	Sixth St. at Howard St.					
* Overflow	Fifth St. at Howard St.					
* Overflow	Mission St. and Second St.					
* Overflow	Sansome St. and Commercial St.					
* Overflow	Sansome St. and Jackson St.					

NORTH POINT DISTRICT—NORTH BEACH SUB-DISTRICT.

†† Powell St.	Vallejo St.	Francisco St.	2,406	Brick.	3' 6" x 5' 3"	3' x 5'
†† Powell St.	Francisco St.	North Point St.	688	"	6'	3' x 5'
* Beach St.	North Point St.	Beach St.	344	"	18"	3' x 5' Wd
* Powell St. Overflow.	Beach St.	North Point Main.	950	I. S. P.	6'	
†† Bay St.	Hyde St.	Sea Wall.	500	Brick.	12"	18"
†† Bay St.	Leavenworth St.	Leavenworth St.	481	I. S. P.	18"	18"
†† Bay St.	Jones St.	Jones St.	481	"	2' x 3' 4' 6"	16"
* Bay St.	Taylor St.	Taylor St.	481	Brick.	3'	16"
* North Point St.	Mason St.	Mason St.	481	"	5' 6"	
†† Battery St.	Vallejo St.	Powell St.	481	"	21"	3' x 5'
†† Battery St.	Green St.	Green St.	344	I. S. P.	2' x 3'	3' x 5'
†† Battery St.	Union St.	Union St.	344	Brick.	2' 6" x 3' 9"	3' x 5'
* Overflow.	Powell St. and Beach St.	Greenwich St.	688	"		3' x 5'

NORTH POINT DISTRICT—FIFTH STREET SUB-DISTRICT.

Name of Street.	From	To	Length Feet	Material	Pre-scribed Size	Size of Old Sewer
† Turk St.	Hyde St.	Market St.	2,050	Brick.	.....	3' x 5'
† Eddy St.	Jones St.	Powell St.	1,444	"	.....	3' x 5'
† Market St.	Turk St.	Fifth St.	260	"	.....	3' x 5'
† Grant Ave. and Market St.	O'Farrell St.	Powell St.	1,300	"	3' 6" x 5' 3"	3' x 5'
* Powell St.	Eddy St.	Market St.	100	"	4' x 6'	3' x 5'
* Market St.	Powell St.	Fifth St.	160	"	5'	3' x 5'
* Fifth St.	Market St.	Howard St.	1,284	"	.....	3' x 5'

NORTH POINT DISTRICT—SEVENTH STREET SUB-DISTRICT.

† McAllister St.	Gough St.	Jones St.	3,370	Brick.	.....	{ 3' x 5' 3' x 5' 6"
† Market St.	Jones St.	Seventh St.	325	"	3' 6" x 5' 3"	3' x 5'
† Seventh St.	Market St.	Howard St.	1,280	"	3' 6" x 5' 3"	3' x 5'

NORTH POINT DISTRICT—ELEVENTH STREET SUB-DISTRICT.

† Pierce St.	California St.	Sutter St.	1,040	.....	.....	3' x 5'
† Sutter St.	Pierce St.	Steiner St.	481	Brick.	3' x 4' 6"	3' x 5'
† Steiner St.	Sutter St.	Fillmore St.	481	"	4' 6"	3' x 5'
† Fillmore St.	Sutter St.	Post St.	344	"	4' 6"	3' x 5'
* Eleventh St.	Oak St. center extd.	Harrison St.	2,520	"	0'	3' x 5'
† Buchanan St.	O'Farrell St.	McAllister St.	1,720	"	.....	3' x 5'
† Webster St.	Sutter St.	Turk St.	2,064	"	.....	3' x 5'
† Steiner St.	Sacramento St.	Sutter St.	1,382	"	.....	3' x 5'
† Polk St.	Fulton St.	Market St., center	1,130	"	.....	3' x 5'
† Market St.	Polk St.	Eleventh St.	375	"	.....	3' x 5'
† Grove St.	Gough St.	Franklin St.	481	"	.....	3' x 5'
† Franklin St.	Grove St.	Hayes St.	344	"	.....	3' x 5'
† Hayes St.	Franklin St.	Van Ness Ave.	481	"	.....	3' x 5'
† Van Ness Avenue.	Hayes St.	Oak St.	688	"	.....	3' x 5'
† California St.	Pierce St.	Scott St.	481	"	.....	3' x 5'
† California St.	Scott St.	Devisadero St.	488	"	.....	3' x 5'

* Recommended for immediate construction.

† Existing sewer to be retained.

CHARACTER AND DIMENSIONS OF REQUIRED SEWERS.

NORTH POINT DISTRICT—FOURTEENTH STREET SUB-DISTRICT.

Name of Street.	From	To	Length Feet	Material	Pre-scribed Size	Size of Old Sewer
* Fulton St.	Masonic Ave.	Lyon St.	978	Brick.	2' 6" x 3' 9"	18"
* Devisadero St.	Fulton St.	Devisadero St.	1,450	"	3' x 4' 6"	18"
† Devisadero St.	Grove St.	Hayes St.	344	"	3' x 4' 6"	18"
† Devisadero St.	Hayes St.	Fell St.	344	"	3' x 4' 6"	3' x 5'
† Oak St.	Clayton St.	Scott St.	344	"	3' x 4' 6"	3' x 5'
† Cole St.	Carl St.	Waller St.	3,864	"	.....	3' x 5'
† Cole St.	Waller St.	Oak St.	1,032	"	.....	3' x 5'
† Cole St.	Oak St.	Fell St.	1,175	"	.....	3' x 5'
† Cole St.	Oak St.	Fell St.	344	"	3' 6" x 5' 3"	.....

NORTH POINT DISTRICT—FOURTEENTH STREET SUB-DISTRICT.

† Fell St.	Cole St.	Devisadero St.	3,857	Brick.	4' 6"	4' x 5'
† Fell St.	Devisadero St.	Scott St.	488	"	5'	4' x 5'
† Scott St.	Fell St.	Waller St.	1,376	"	5'	4' x 5'
† Waller St.	Scott St.	Pierce St.	481	"	5'	4' x 5'
† Waller St.	Pierce St.	Fillmore St.	962	"	5' 6"	5'
† Fillmore St.	Waller St.	Thirteenth St.	650	"	5' 6"	5' 5'
† Thirteenth St.	Fillmore St.	Church St.	220	"	5' 6"	5' 5'
† Thirteenth St.	Church St.	Fourteenth St.	632	"	5' 6"	5' 5'
* Fourteenth St.	Church St.	Tow'ns Guerrero	873	"	3' x 4' 6"	5'
† Fourteenth St.	Last named point.	Guerrero St.	450	"	3' x 4' 6"	3' x 5'
† Fourteenth St.	Guerrero St.	Mission St.	1,285	"	3' x 4' 6"	3' x 5'
† Fourteenth St.	Mission St.	Howard St.	633	"	3' 6" x 5' 3"	3' x 5'
† Fourteenth St.	Howard St.	Harrison St.	1,265	"	6'	6'

NORTH POINT DISTRICT—EIGHTEENTH STREET SUB-DISTRICT.

† Eighteenth St.	Danvers St.	Douglas St.	1,150	.....	2' 6" x 3' 9"	3' x 5'
† Eighteenth St.	Douglas St.	Eureka St.	310	.....	3' x 4' 6"	3' x 5'
† Eighteenth St.	Eureka St.	Noe St.	1,588	.....	3' 6" x 5' 3"	3' x 5'
† Eighteenth St.	Noe St.	Church St.	1,285	.....	5' 6"	3' x 5'
† Eighteenth St.	Church St.	Mission St.	2,608	.....	6'	3' x 5'
† Eighteenth St.	Mission St.	Shotwell St.	940	.....	6'	3' x 5'
* Eighteenth St.	Shotwell St.	Division St.	610	.....	6'	6'

NORTH POINT DISTRICT—UPPER TWENTY-SECOND STREET SUB-DISTRICT.

Name of Street.	From	To	Length Feet	Material	Pre-scribed Size	Size of Old Sewer
† Twenty-second St.	Dolores St.	Guerrero St.	661	Brick.	2' x 3'	3' x 5'
† Twenty-second St.	Guerrero St.	Valencia St.	642	"	2' 6" x 3' 9"	3' x 5'
† Twenty-second St.	Valencia St.	Capp St.	959	"	3' x 4' 6"	16"
* Capp St.	Twenty-second St.	Twentieth St.	1,168	"	3' 6" x 5' 3"	C. P.
* Twentieth St.	Capp St.	Treat Ave.	1,265	"	3' 6" x 5' 3"	16" x 18"
* Treat Ave.	Twentieth St.	Nineteenth St.	584	"	3' 6" x 5' 3"	14" - 10"
						12"

NORTH POINT DISTRICT—EAST POTRERO SUB-DISTRICT.

* Pennsylvania Ave.	Twenty-third St.	Twenty-second St.	932	Brick.	2' x 3'	.....
* Twenty-second St.	Connecticut St.	Missouri St.	280	I. S. P.	15"	.....
* Twenty-second St.	Missouri St.	Texas St.	200	"	18"	.....
* Twenty-second St.	Texas St.	Point 10' W. of Mississippi St.	230	"	21"	.....
* Twenty-second St.	Last named point.	Pt. 10' W. of E. side Pennsylvania Ave.	370	Brick.	2' x 3'	.....
* Twenty-second St.	Last named point.	Iowa St.	250	"	2' 6" x 3' 9"	8" 16" 14"
* Twenty-second St.	Iowa St.	Kentucky St.	1,120	"	3' x 4' 6"	16"
* Kentucky St.	Twenty-second St.	Twentieth St.	932	"	3' 6" x 5' 3"	16"
* Kentucky St.	Twentieth St.	Nineteenth St.	466	"	3' 6" x 5' 3"	16"
* Kentucky St.	Nineteenth St.	Eighteenth St.	466	"	2' 6" x 3' 9"	16"
* Kentucky St.	Eighteenth St.	Mariposa St.	466	"	2' 6" x 3' 9"	.....

* Recommended for immediate construction.

† Existing sewer to be retained.

CHARACTER AND DIMENSIONS OF REQUIRED SEWERS.
NORTH POINT DISTRICT—EAST POTRERO SUB-DISTRICT.

Name of Street.	From	To	Length Feet	Material	Pre- scribed Size	Size of Old Sewer
* Nineteenth St.	Kentucky St.	Tennessee St.	280	I. S. P.	15"	.....
* Tennessee St.	Nineteenth St.	Eighteenth St.	466	"	15"	16"
* Eighteenth St.	Tennessee St.	Minnesota St.	280	"	18"	16"
* Minnesota St.	Eighteenth St.	Mariposa St.	466	"	24"	8"
* Mariposa St.	Iowa St.	Indiana St.	210	Brick.	2' x 3'	16"
* Mariposa St.	Indiana St.	Tennessee St.	560	"	3' 6" x 5' 3"	12" & 14"
* Mariposa St.	Tennessee St.	Kentucky St.	280	"	5'	14"
* Mariposa St.	Kentucky St.	Illinois St.	280	"	6'	18"
* Mariposa St.	Illinois St.	100' into the bay	210	"	6'	18"
* Mariposa St.	Minnesota St.	Indiana St.	280	I. S. P.	18"	12"
* Mariposa St.	Indiana St.	Iowa St.	280	"	18"	.....
* Mariposa St.	Iowa St.	Pennsylvania Ave.	285	"	18"	.....
* Mariposa St.	Pennsylvania Ave.	Mississippi St.	285	"	24"	.....
* Mississippi St.	Mariposa St.	Seventeenth St.	466	Brick.	2' x 3'	.....
* Seventeenth St.	Mississippi St.	Texas St.	280	"	2' x 3'	12"
* Seventeenth St.	Texas St.	Carolina St.	1,400	"	2' 6" x 3' 9"	.....
* Seventeenth St.	Carolina St.	De Haro St.	280	"	4' 6"	.....
* Seventeenth St.	De Haro St.	Rhode Island St.	280	"	5'	.....
* Rhode Island St.	Seventeenth St.	Sixteenth St.	473	"	5'	.....
* Rhode Island St.	Sixteenth St.	Division St.	1,372	"	4'	18"
* Carolina St.	Seventeenth St.	Mariposa St.	466	"	2' 6" x 3' 9"	.....
* Mariposa St.	Carolina St.	Wisconsin St.	280	"	2' 6" x 3' 9"	.....
* Mariposa St.	Wisconsin St.	Arkansas St.	280	I. S. P.	21"	.....
* Mariposa St.	Arkansas St.	Connecticut St.	15"	"	15"	.....
* Iowa St.	Mariposa St.	Fighteenth St.	466	"	21"	.....
* Indiana St.	Mariposa St.	Eighteenth St.	466	"	18"	.....
* Sixteenth St.	Rhode Island St.	Vermont St.	560	"	24"	3' x 5'
* Sixteenth St.	Vermont St.	San Bruno Ave.	280	Brick.	2' x 3'	3' x 5'
* San Bruno Ave.	Sixteenth St.	Alameda St.	939	"	2' 6" x 3' 9"	12"
* San Bruno Ave.	Alameda St.	Division St.	433	"	3' 6" x 5' 3"	12"
* San Bruno Ave.	Alameda St.	Division St.	433	I. S. P.	24"	12"
* Ninth and Division Sts.	San Bruno Ave.	Harrison St.	1,666	"	24"	3' x 5'
* Overflows.	Nineteenth and Kentucky Sts.	On Mariposa St. and Minnesota St., Mariposa and Indiana, and Mariposa and Iowa Sts.	.....	.....	.....	.....
* Overflow.	Sixteenth St. and Rhode Island St.	.....	.....	.....	.....	.....
* Overflow.	Alameda St. and San Bruno Ave.	.....	.....	.....	.....	.....

NORTH POINT DISTRICT—UPPER ARMY STREET SUB-DISTRICT.

Name of Street.	From	To	Length Feet	Material	Pre-scribed Size	Size of Old Sewer
† Twenty-fourth St.	Castro St.	Noe St.	643	Brick.	3' 6" x 5' 3"	3' x 5'
† Twenty-fourth St.	Noe St.	Sanchez St.	643	"	3' 6" x 5' 3"	3' x 5'
† Sanchez St.	Twenty-fourth St.	Twenty-fifth St.	584	"	4	4' x 4'
† Twenty-fifth St., Church St. and Twenty-seventh St.	Sanchez St.	Dolores St.	2,472	"	4' 6"	3' x 5'
† Twenty-seventh St.	Dolores St.	Guerrero St.	661	"	5'	5' x 5'
† Guerrero St. and Army St.	Twenty-seventh St.	San Jose Ave.	613	"	5'	5' x 5'
† Diamond St.	Twenty-eighth St.	Twenty-seventh St.	584	I. S. P.	12"	14"
† Diamond St.	Twenty-ninth St.	Twenty-sixth St.	584	"	15"	14"
† Diamond St.	Twenty-sixth St.	Twenty-fourth St.	1,168	"	18"	16"

NORTH POINT DISTRICT—UPPER ISLAIS CREEK SUB-DISTRICT—MAIN SEWER.

* Sudowa St.	Capitol Ave.	San Jose Ave.	1,300	Brick.	2' 6" x 3' 9"	.....
* Sherman Ave. and Wyoming Ave.	San Jose Ave.	Naglee Ave.	2,114	"	2' 6" x 3' 9"	.....
* Wyoming Ave.	Naglee Ave.	Mt. Vernon Ave.	1,460	"	3' 6" x 5' 3"	.....
* East Lake Ave., etc.	Mt. Vernon Ave.	Geneva Ave.	950	"	5	.....
* Proposed new St.	Geneva Ave.	Seneca Ave.	700	"	5' 6"	.....
* Proposed new St. and Cayuga Ave.	Seneca Ave.	Ocean Ave.	1,550	"	6'	.....
* Proposed new St.	Ocean Ave.	Jarnac St. produced.	1,430	"	6' 6"	.....
* Proposed new St.	Jarnac St. produced.	Springdale St.	1,150	"	7'	.....
* Springdale St.	Last named point.	Lyonel St.	1,000	"	8'	.....
* Springdale St.	Lyonel St.	Mission St.	1,025	"	9' 6"	.....

NORTH POINT DISTRICT—COUNTY LINE WEST SUB-DISTRICT.

‡ Ocean Ave.	Howth St.	Tara St.	600	I. S. P.	18"	.....
‡ Ocean Ave.	Tara St.	San Jose Ave.	800	"	21"	.....
‡ Ocean Ave. and Onondaga Ave.	San Jose Ave.	Cayuga Ave.	1,540	Brick.	2' x 3'	.....
‡ San Jose Ave.	Unadilla St.	Ocean Ave.	1,496	I. S. P.	18"	.....

* Recommended for immediate construction.
 ‡ Existing sewer to be retained.

CHARACTER AND DIMENSIONS OF REQUIRED SEWERS.
NORTH POINT DISTRICT—PERSIA AVENUE SUB-DISTRICT.

Name of Street.	From	To	Length Feet	Material	Pre-scribed Size	Size of Old Sewer
† Persia Ave.....	Dublin St.....	Athens St.....	1,080	I. S. P.	24" x 3'	.....
† Persia Ave.....	Athens Ave.....	Edinburgh St.....	810	Brick.	2' 6" x 3' 9"	.....
† Persia Ave.....	Edinburgh St.....	Mission St.....	1,340	"	3' 6" x 5' 3"	.....
† Mission St.....	Persia Ave.....	Onadaga Ave.....	830	"	3' x 4' 6"	.....
† Mission St.....	Amazon St.....	France Ave.....	1,200	"	4' 6"	.....
† Mission St.....	France Ave.....	Onadaga Ave.....	475	"	5	.....
† Onadaga Ave.....	Mission St.....	Cayuga Ave.....	731	"		.....

NORTH POINT DISTRICT—SILVER AVENUE WEST SUB-DISTRICT.

† China Ave.....	Edinburgh St.....	Mission St.....	1,340	I. S. P.	18"	.....
† Mission St.....	China Ave.....	Silver Ave.....	1,150	"	24"	.....
* Mission St.....	Silver Ave.....	Cuvier St.....	1,450	Brick.	2' 6" x 3' 9"	.....

NORTH POINT DISTRICT—LOWER ARMY STREET SUB-DISTRICT—STORM WATER SEWERS.

† Army St.....	Valencia St.....	Mission St.....	574	Brick.	6' 6"	6' 6"
† Army St.....	Mission St.....	Shotwell St.....	975	"	6' 6"	7' 6"
† Army St.....	Shotwell St.....	Folsom St.....	362	"	7' x 8' 6"	7' x 8' 6"
† Army St.....	Folsom St.....	San Bruno Ave.....	2,992	"	7' x 10'	7' x 10'
† Army St.....	San Bruno Ave.....	Kansas St.....	420	"	7' x 10'	7' x 10'
† Kansas St.....	Army St.....	Marin St. extended..	466	"	7' x 10'	7' x 10'

NORTH POINT DISTRICT—EAST CORTLAND AVENUE SUB-DISTRICT

* Waterloo St.....	San Bruno Ave.....	Loomis St.....	400	Brick	3' x 4' 6"	.....
* Loomis St.....	Waterloo St.....	Barneveld Ave.....	200	"	3' x 4' 6"	.....
* Overflow.....	Lee St. & Cortland Ave.....	.....	.....	.....	.....	.....
* Overflow.....	Mission St. & Army St.....	.....	.....	.....	.....	.....

NORTH POINT DISTRICT—MISSION FLATS SUB-DISTRICT—STORM WATER SEWERS

Name of Street.	From	To	Length Feet	Material	Pre-scribed Size	Size of Old Sewer
* Division St.	Eighteenth St.	Northerly line Alameda St.	2,210	Conc. Br.	11' 6" x 8' 9"	{ 5' x 9' 6" 5' 9" x 11"
* Division St.	Alameda St.	Easterly line of Potrero Ave.	1,453	"	11' 6" x 8' 9"	7' 3" x 11' 6"
* Division St.	Potrero Ave.	King St.	1,578	Conc.	{ 2 compart- ments. 8' 6" x 8'	{ 7' 3" x 11' 6" & 8' 6" x 11' 6" box.
* King St.	Division St.	Seventh St.	650	"	{ 2 compart- ments. 8' 6" x 8'	.....
* Seventh St.	King St.	Channel St.	647	"	{ 2 compart- ments. 9' 6" x 8'	3' x 5'
* Harrison-Alameda	Fifteenth St.	Alabama St.	621	Brick.	8'	3' x 5'
* Division St.	Alameda St.	Fourteenth St. ext'd	342	"	8'	7' 3" x 11' 6"
* Division St.	Fourteenth St. ext'd.	Tenth St.	991	"	9'	7' 3" x 11' 6"
* Division St.	Tenth St.	Potrero Ave.	157	"	9' x 16'	7' 3" x 11' 6"
* Harrison St. relief.	Eleventh St.	Tenth St.	490	"	8'	18"
* Tenth St.	Harrison St.	Division St.	1,265	"	8'	18"
* Seventh St.	Howard St.	Folsom St.	633	"	3' 6" x 5' 3"	3' x 5'
* Seventh St.	Folsom St.	Brannan St.	1,898	"	5'	3' x 5'
* Sixth St.	Howard St.	Tehama St.	220	"	3' 6" x 5' 3"	3' x 5'
* Sixth St.	Tehama St.	Folsom St.	413	"	3' 6" x 5' 3"	3' 6" x 5' 3"

NORTH POINT DISTRICT—MISSION FLATS SUB-DISTRICT—STORM WATER SEWERS

† Sixth St.	Folsom St.	Brannan St.	1,898	Brick.	5'	5'
* Sixth St.	Brannan St.	Channel St.	1,612	"	5' 6"	3' x 5'
* Fifth St.	Howard St.	Folsom St.	633	"	5'	3' x 5'
* Fifth St.	Folsom St.	Brannan St.	1,898	"	5' 6" x 11'	5' cir.
* Fifth St.	Brannan St.	Channel St.	1,612	"	5' 6" x 11'	5' cir.
† Fourth St.	Howard St.	Folsom St.	633	I. S. P.	12"	3' x 5'
† Fourth St.	Folsom St.	Harrison St.	633	"	24"	3' x 5'
† Fourth St.	Harrison St.	Bryant St.	633	Brick.	3' x 4' 6"	3' x 5'
† Fourth St.	Bryant St.	Brannan St.	633	"	4'	3' x 5'

* Recommended for immediate construction.

† Existing sewer to be retained.

CHARACTER AND DIMENSIONS OF REQUIRED SEWERS.
NORTH POINT DISTRICT—MISSION FLATS SUB-DISTRICT—STORM WATER SEWERS—Continued.

Name of Street.	From	To	Length Feet	Material	Pre-scribed Size	Size of Old Sewer
† Fourth St.	Bryant St.	Berry St.	1,300	Brick.	6' 6"	3' x 5'
† Fourth St.	Berry St.	Channel St.	312	"	6' 6"	box 3' x 5'
† Fourteenth St.						
† extended, proposed new St.						
† Fourth St.	Harrison St.	Division St.	550	"	6'	6'
† Brannan St.	Stevenson St.	Howard St.	1,037	"	"	3' x 5'
† Brannan St.	Division St.	Ninth St.	446	"	"	6'
† Brannan St.	Ninth St.	Eighth St.	633	"	"	6'
† Brannan St.	Eighth St.	Seventh St.	908	"	"	6'
† Brannan St.	Seventh St.	Sixth St.	908	"	"	7' x 9'
† Brannan St.	Sixth St.	Fifth St.	908	"	"	7' x 9'
† Brannan St.	Fifth St.	Fourth St.	908	"	"	7' x 9'
† Brannan St.	Fourth St.	Third St.	908	"	"	7' x 9'
† Brannan St.	Third St.	Second St.	908	"	"	7' x 9'
† Brannan St.	Second St.	First St.	908	"	"	7' x 9'
† Brannan St.	First St.	Fremont St.	358	Wood.	"	7' 6" x 9' 6"
* Overflow	Brannan St. at Fremont.					
* Overflow	Brannan St. at Fourth.					
* Overflow	Brannan St. at Fifth.					
* Overflow	Brannan St. at Sixth.					

NORTH POINT DISTRICT—MISSION FLATS SUB-DISTRICT, NORTH OF CHANNEL STREET—SEWAGE ONLY

* Aggregate sewers in district.			69,705	I. S. P.	8"	
* Aggregate sewers in district.			39,325	I. S. P.	10"	
* Aggregate sewers in district.			4,040	I. S. P.	12"	
* Aggregate sewers in district.			1,730	I. S. P.	15"	
* Aggregate sewers in district.			3,130	I. S. P.	18"	
* Aggregate sewers in district.			4,090	I. S. P.	21"	
* Aggregate sewers in district.			780	I. S. P.	30"	

NORTH POINT DISTRICT—MISSION FLATS SUB-DISTRICT, SOUTH OF CHANNEL STREET—SEWAGE ONLY

* Aggregate sewers in district.			1,789	I. S.	8"	
* Aggregate sewers in district.			7,803	"	10"	
* Aggregate sewers in district.			2,863	"	12"	
* Aggregate sewers in district.			908	"	15"	
* Aggregate sewers in district.			160	"	18"	
* Aggregate sewers in district.			200	C. I. P.	18"	

YERBA BUENA DISTRICT—STORM WATERS SEWERS

Name of Street.	From	To	Length Feet	Material	Pre-scribed Size	Size of Old Sewer
* Commercial St.	Sansome St.	Drumm St.	1,375	Brick.	5' x 5'	3' x 5'
† Drumm St.	Market St.	California St.	150	"	3' x 5'	3' x 5'
† Drumm St.	California St.	Commercial St.	515	"	5' 6"	3' x 5'
* Drumm St.	Commercial St.	Jackson St.	815	"	7' 6"	3' x 5'
† Howard St.	Jackson St.	East St. N.	520	"	7' 6"	3' x 5'
* Second St.	Second St.	East St. S.	2,915	"	3' x 4' 6"	3' x 5'
* Second St.	Second St.	First St. S.	908	"	3' x 4' 6"	3' x 5'
* Mission St.	First St.	East St. S.	2,907	"	3' x 5'	3' x 5'
† Market St.	Sutter St.	Drumm St.	1,500	"	3' x 5'	3' x 5'
† Bush St.	Sansome St.	Market St.	653	"	3' x 5'	3' x 5'
† California St.	Sansome St.	Drumm St.	1,375	"	3' x 5'	3' x 5'
† Outfall	Drumm St.	The Bay	200	"	7' 6"	3' x 5'

YERBA BUENA DISTRICT—SEWAGE ONLY

* Aggregate sewers in district.	28,410	I. S. P.	8"
* Aggregate sewers in district.	30,102	"	10"
* Aggregate sewers in district.	1,295	"	12"
* Aggregate sewers in district.	2,665	"	15"
* Aggregate sewers in district.	260	"	18"
* Aggregate sewers in district.	580	"	21"

HUNTER'S POINT DISTRICT—UNIVERSITY MOUND SUB-DISTRICT

* Goettingen St.	Wayland St.	Bacon St.	460	Brick.	5' 6"
* Bacon St.	Goettingen St.	Berlin St.	300	"	5' 6"
* Berlin St.	Bacon St.	Burrows St.	460	"	5' 6"
* Burrows St.	Berlin St.	Girard St.	300	"	5' 6"
* Girard St.	Burrows St.	Felton St.	460	"	5' 6"
* Felton St.	Girard St.	San Bruno Ave.	300	"	5' 6"
* San Bruno Ave.	Felton St.	Silliman St.	460	"	5' 6"
* San Bruno Ave.	Silliman St.	Silver Ave.	460	"	3' 6" x 5' 3"
* San Bruno Ave.	Silver Ave.	Gaven St.	640	"	3' x 4' 6"

* Recommended for immediate construction.

† Existing sewer to be retained.

CHARACTER AND DIMENSIONS OF REQUIRED SEWERS.
HUNTER'S POINT DISTRICT—SOUTH BERNAL HEIGHTS SUB-DISTRICT

Name of Street.	From	To	Length Feet	Material	Pre- scribed Size	Size Sewer of Old
† Andover Ave.	East Ave.	Crescent Ave.	783	I. S. P.	21"	21"
† Crescent Ave.	Andover Ave.	Prentiss St.	1,270	"	24"	24"
* Prentiss St. and proposed new St.	Crescent Ave.	Sweeney St.	1,130	Cast Iron.	12"	
* Prentiss St. and proposed new St.	Crescent Ave.	Islais Creek.	800	Brick.	5"	
* Overflow.	Crescent Ave. and Prentiss.					

HUNTER'S POINT DISTRICT—MAIN SEWAGE

† Proposed new St. Canal, Congdon, Trumbell Sts., and proposed new St.	Springdale and Milton Sts.	Harvard St. ext'd.	2,180	Brick.	7' 6"	
† Proposed new St.	Harvard St. ext'd.	Relief outlet.	1,300	"	8"	
† Proposed new St.	Relief outlet.	Southerly.	1,005	I. S. P.	18"	
† Proposed new St.	Last named point.	Northeasterly.	760	"	24"	
† Proposed new St.	Last named point.	Boylston St.	750	Brick.	2' x 3'	
* Sweeney St.	Boylston St.	Barneveld Ave.	1,140	"	3' x 4' 6"	
* Barneveld Ave., and Gaven St.	Sweeney St.	W. side San Bruno ave	500	"	3' x 4' 6"	
* Steuben and Augusta Sts	W. side San Bruno ave	Charter Oak Ave.	690	"	3' x 4' 6"	
* Charter Oak Ave.	Augusta St.	Helena St.	760	"	3' x 4' 6"	
* Helena St., S. St. S., and Seventh Ave. S.	Charter Oak Ave.	R St. S.	2,184	"	3' x 4' 6"	
* R St. S.	Seventeenth Av. S.	E. side Sixteenth Av. S.	320	"	3' 6" x 5' 3"	
* R St. S.	E. side 16th Ave S.	Fifteenth Ave. S.	240	Brick.	3' 6" x 5' 3"	
* Fifteenth Ave. S.	R St. S.	Southerly.	310	"	3' 6" x 5' 3"	
* Fifteenth Ave. S.	Last named point.	Q St. S.	354	Tunnel.	3' 6" x 5' 3"	
* Q St. S. and Four- teenth Ave. S.	Fifteenth Ave. S.	P St. S.	944	"	5"	
* P St. S.	Fourteenth Ave. S.	E. side Thirteenth Av. S.	320	"	5' 6"	
* P St. S. and Tenth Ave S.	E. side 13th Ave S.	Railroad Ave.	1,482	Brick.	5' 6"	
* N St. S.	Railroad Ave.	Seventh Ave. S.	840	"	6'	
* Seventh Ave. S.	N St. S.	M St. S.	664	"	6' 6"	
* M St. S.	Seventh Ave. S.	Sixth Ave. S.	280	"	6' 6"	

HUNTER'S POINT DISTRICT—SOUTH SLOPE OF HUNTER'S POINT SUB-DISTRICT			
* Sixth Ave. S.	M St. S.	Southerly	264
* Sixth Av. S. & L St. S.	Last named point.	W. line Fifth Av. S.	640
* L St. S. & Fifth Av. S.	K St. S.	K St. S.	704
* Fifth Ave. S.	K St. S.	Southerly	214
* Fifth Ave. S.	Last named point.	J St. S.	450
* Fifth Ave. S.	J St. S.	136' S. of I St. S.	800
* Fifth Ave. S.	Last named point.	H St. S.	528
HUNTER'S POINT DISTRICT—SOUTH SLOPE OF HUNTER'S POINT SUB-DISTRICT			
* Nineteenth Ave. S.	J St. S.	H St. S.	1,328
* H St. S.	Nineteenth Ave. S.	Seventeenth Av. S.	560
* Seventeenth Av. S.	H St. S.	G St. S.	664
* G St. S.	Seventeenth Av. S.	Fifteenth Ave. S.	560
* Fifteenth Ave. S.	G St. S.	F St. S.	604
MILE ROCK (NORTHWEST OF PT. LOBOS) DISTRICT—OCEAN VIEW SUB-DISTRICT—SEWAGE ONLY			
* Stanley St.	Orizaba Ave.	Vernon St.	1,560
* Main outfall sewer along proposed right of way.	Stanley St. and Vernon St. northwesterly and northerly	Holloway Ave. ext'd.	4,200
* Main outfall sewer along proposed right of way.	Holloway Ave. extended northerly.		1,550
* Main outfall sewer along proposed right of way.	Thence northwesterly and northerly.		1,100
* Main outfall sewer along proposed right of way.	Northerly.		300
* Main outfall sewer along proposed right of way.	Northwesterly.	Parkside Ave.	1,150
* Parkside Ave.	Last named point westerly.		6,000
* Parkside Ave.	Thence.	Great highway.	2,900
* Ocean Ave.	Lee Ave.	1500' west of Ingleside Inn.	7,500
* Across Ingleside race-track grounds.	Arlington Ave. westerly	Main outfall sewer.	2,950
† Along proposed right of way.	San Miguel Rancho line about 800' S of Ocean Ave. westerly	Main outfall sewer.	500

* Recommended for immediate construction. † Not recommended for immediate construction.

‡ Existing sewer to be retained.

CHARACTER AND DIMENSIONS OF REQUIRED SEWERS,
HARBOR VIEW DISTRICT

Name of Street.	From	To	Length Feet	Material	Pre-scribed Size	Size of Old Sewer
† Broadway St.	Hyde St.	Larkin St.	481	Brick.	2' x 3'	3' x 5'
† Broadway St.	Larkin St.	Polk St.	481	"	2' 6" x 3' 9"	3' x 5'
† Polk St.	Broadway St.	Vallejo St.	350	"	3' x 4' 6"	3' x 5'
† Vallejo St.	Polk St.	Franklin St.	962	"	3' x 4' 6"	3' x 5'
† Franklin St.	Union St.	Union St.	688	"	3' 6" x 5' 3"	3' x 5'
† Franklin St.	Union St.	Lombard St.	1,032	"	3' 6" x 5' 3"	3' x 5'
† Lombard St.	Franklin St.	Gough St.	481	"	4' 6"	3' x 5'
† Lombard St.	Gough St.	Octavia St.	481	"	5'	3' x 5'
† Lombard St.	Octavia St.	Laguna St.	481	"	5'	10"
* Laguna St.	Lombard St.	Chestnut St.	344	"	2' 6" x 3' 9"	3' 6"
* Laguna St.	Lombard St.	Octavia St.	481	"	2' 6" x 3' 9"	4'
† Greenw'ich St.	Gough St.	Octavia St.	481	"		10" x 12"
† Greenw'ich St.	Greenw'ich St.	Lombard St.	344	"		18" x 20"
* Laguna St.	Chestnut St.	Jefferson St.	1,720	"	5'	
* Laguna St.	Jefferson St.	Tonquin St.	344	"	5' 6"	
* Laguna St.	Tonquin St.	The Bay.	459	"	5' 6"	
† Laguna St.	Green St.	Filbert St.	688	I. S. P.	21"	
† Laguna St.	Filbert St.	Lombard St.	688	Brick.	2' 6" x 3' 9"	3' x 5'
† Lombard St.	Laguna St.	Buchanan St.	481	"	2' 6" x 3' 9"	3' x 5'
† Lombard St.	Buchanan St.	Fillmore St.	962	"	3' x 4' 6"	3' x 5'
† Fillmore St.	Lombard St.	Francisco St.	688	"	3' 6" x 5' 3"	3' x 5'
* Francisco St.	Fillmore St.	Pierce St.	962	"	3' 6" x 5' 3"	Wooden box
* Pierce St.	Francisco St.	Lewis St.	2,104	"	6'	sewer, 275' of 3' x 5'
* Pierce St.	Lewis St.	The Bay.	275	"	6' 6"	
† Pierce St.	Chestnut St.	Francisco St.	344	"	2' 6" x 3' 9"	3' x 5'
* Francisco St.	Scott St.	Pierce St.	481	"	3' x 4' 6"	
* Union St.	Lyon St.	Baker St.	427	I. S. P.	24"	12"
† Baker St.	Union St.	Greenw'ich St.	688	Brick.	2' x 3'	16"
† Baker St.	Greenw'ich St.	Francisco St.	1,032	"	2' 6" x 3' 9"	14" x 18"
† Baker St.	Francisco St.	Tonquin St.	1,720	"	5'	18"
† Broderick St.	Lombard St.	Chestnut St.	344	I. S. P.	24"	
† Broderick St.	Chestnut St.	Francisco St.	344	Brick.	2' x 3'	
† Francisco St.	Broderick St.	Baker St.	481	"	3' x 4' 6"	
† Baker St.	Tonquin St.	The Bay.	659	"	5'	18"
† Outfall.	Pierce St.	In the Bay.	800	C. I. P.	30"	
* Overflow.	Laguna and Chestnut Sts.	Laguna and Tonquin Sts.				
* Overflow.	Laguna and Tonquin Sts.	Baker and Tonquin Sts.				

MILE ROCK (NORTHWEST OF PT. LOBOS) DISTRICT—UPPER AND LOWER SUNSET SUB-DISTRICTS—SEWERS FOR STORM WATERS

Name of Street	From	To	Length, Feet	Material	Prescribed Size	Size of Old Sewer
* Great Highway	Ocean Ave.	U St.	1,600	Rein. conc.	3' 6" x 3' 9"	.....
* Great Highway	U St.	S St.	1,360	"	3' x 4' 6"	.....
* Forty-eighth Ave.	S St.	L St.	4,760	"	3' x 4' 6"	.....
* Forty-eighth Ave.	L St.	H St.	2,720	"	3' 6" x 5' 3"	.....
* Forty-eighth Ave.	H St.	C St.	3,400	"	4' 6"	.....
* Seventh Ave.	L St.	H St.	2,720	Brick.	3' x 4' 6"	3' x 4' 6"
						4' 6" x 6"
						5' 3 3/8"
†† Seventh Ave.	Seventh Ave.	Tenth Ave.	930	"	4' 6"	.....
†† H St.	Tenth Ave.	Fourteenth Ave.	1,240	"	6'	.....
†† H St.	Fourteenth Ave.	Twentieth Ave.	1,890	"	6'	6' x 7' 1 1/2"
†† H St.	Twentieth Ave.	Fortieth Ave.	6,200	Rein. conc.	6'	.....
* Across Park.	Fortieth Ave. and H	Forty-eighth Ave.		"		.....
		and Fulton St.	3,720	"	6' 6"	.....
* Forty-eighth Ave.	Fulton St.	C St.	600	"	6' 6"	.....
†† Tenth Ave.	L St.	K St.	680	"	2' 3"	.....
†† K St.	Tenth Ave.	Eleventh Ave.	310	"	2' 3"	.....
†† K St.	Eleventh Ave.	Twelfth Ave.	620	"	2' 6" x 3' 9"	.....
†† Twelfth Ave.	J St.	J St.	620	"	2' 6" x 3' 9"	.....
†† Fourteenth Ave.	J St.	Fourteenth Ave.	340	"	3' x 4' 6"	.....
†† Fourteenth Ave.	J St.	340' Northernly	1,020	"	3' 6" x 5' 3"	.....
†† Fourteenth Ave.	.....	H St.	680	Rein. conc.	4' 6"	.....
†† Twentieth Ave.	H St.	I St.	1,360	"	3' 6" x 5' 3"	.....
†† Twentieth Ave.	I St.	K St.	680	"	3' x 4' 6"	.....
* Twentieth Ave.	K St.	L St.	1,670	"	7' 3"	.....
* Forty-fifth Ave.	U St.	T St.	1,360	"	8' 6"	.....
* Forty-fifth Ave.	U St.	Forty-sixth Ave.	680	"	8' 9"	.....
* U St.	Forty-fifth Ave.	S St.	1,360	"	9'	.....
* Forty-sixth Ave.	T St.	Q St.	1,670	"	9' 3"	.....
* Forty-sixth Ave.	S St.	Q St.	1,360	"	9' 6"	.....
* Forty-sixth Ave.	Q St.	P St.	680	"	8' x 16'	.....
* Forty-sixth Ave.	P St.	N St.	1,360	"	4' x 5'	.....
* N St.	Forty-sixth Ave.	Forty-seventh		"		.....
* Forty-seventh Ave.	N St.	L St.	1,670	"	9' 3"	.....
* L St.	Forty-seventh Ave.	Forty-eighth		"		.....
* Forty-eighth Ave.	L St.	C St.	5,440	"	9' 6"	.....
* Forty-eighth Ave.	C St.	Ocean	4,500	Tunnel.	8' x 16'	.....
* Tunnel for sewage only.	Storm water tunnel.	Ocean	1,600	"	4' x 5'	.....

* Recommended for immediate construction. † Existing sewer to be retained.

CHARACTER AND DIMENSIONS OF REQUIRED SEWERS.
 VISITACION VALLEY DISTRICT—TO DISCHARGE IN BAY NEAR COUNTY LINE

Name of Street	From	To	Length, Feet	Material	Prescribed Size	Size of Old Sewer
* San Bruno Ave.....	Somerset St.....	Visitacion St.....	1,400	I. S. P.	24"	.....
* San Bruno Ave.....	Visitacion St.....	Sunnydale Ave.....	680	Rein. conc.	3' 6" x 5' 3"	.....
* Milliken St.....	Schwerin St.....	Cora St.....	480	"	3' x 4'	.....
* Sunnydale Ave.....	Sunnydale Ave.....	Milliken St.....	1,385	"	3' 6" x 5' 3"	.....
* Sunnydale Ave.....	Milliken St.....	Bay.....	1,500	Wood box.	5 x 5'	.....

*Recommended for immediate construction.

ESTIMATE OF COST.

The sewers and work recommended for construction in this report are covered by the following estimate of cost. The costs are based on the same classes of material and construction as were used in the estimates made by City Engineer C. E. Grunsky in a report on a System of Sewers made to the Board of Public Works and dated June 30, 1903:

1. Hunter's Point main sewer, sub-mains and main sewers in the Bay View and Visitacion Valley districts.....	\$ 418,549.00
2. North Point main relief outlets and special structures, mains and sub-mains in the portion of the North Point district south of College Hill.....	1,664,411.00
3. Mains and sub-mains in Harbor View and North Beach districts.....	243,974.00
4. Mains and sub-mains tributary to Mile Rock outfall, including sub-mains from the Ingleside, Sunset and West Richmond districts.....	630,339.00
5. Storm sewers and special structures, sewage sewers and pumping station in Mission Flats district.....	312,727.00
6. Storm sewers and special structures, sewage sewers and pumping station in Yerba Buena district.....	200,000.00
Real estate, rights of way, grade changes, etc.....	250,000.00
Preparation of plans, specifications and inspection.....	280,000.00
Total.....	\$4,000,000.00

During the past seven years the following sewers have been constructed in accordance with the herein proposed plan, at a cost of \$636,702.42. The greater portion of this expenditure being from the bond issue of 1903. They represent about one-tenth of the required work:

- H street from Seventh to Twentieth avenues.
- Mission street from Amazon avenue to Persia avenue.
- Amazon avenue from Mission street to London street.
- Persia avenue from Mission street to Dublin street.
- Mission street from Second to Third streets.
- Cole street from Oak street to Fell street.
- California street from Twenty-fourth avenue to Thirty-first avenue.
- Twenty-fourth avenue from California street to Lake street.
- China avenue from Paris street to Edinburgh street.
- Van Ness avenue and Vallejo street.
- Valencia street from Eighteenth to Nineteenth streets.
- Howard street from Seventeenth to Eighteenth streets.
- Fourth street from Howard street to Channel street.
- Sixth street from Howard to Brannan streets, together with the lateral sewers in the adjacent streets.
- Baker street from Union street to the bay, together with the lateral sewers in the adjacent streets.
- Ocean avenue and Onondaga avenue, from Howth street to Islais Creek.
- San Jose avenue from Mt. Vernon avenue to Ocean avenue.
- Tenth avenue, K street, Twelfth avenue, J street and Fourteenth avenue from L street to H street.
- Seventh avenue from H to L streets.
- Market street and Seventh street, from Jones street to Howard street.
- Fourteenth street from Valencia street to Howard street.
- Harrison street, from Fourth to Sixth streets.
- Haight street from Steiner street to Pierce street.

Dore street from Bryant street to Brannan street.

Steuart street from Market street to Mission street.

Market street from First street to East street.

Drumm street from Market street to Commercial street.

Mission street from Sixth street to Eighth street.

Mission street and Seventh street.

A temporary pumping station on Commercial street near Drumm street.

A temporary pumping station on Fourth street near Berry street.

GARBAGE DISPOSAL SYSTEM

The method of disposing of garbage in this City has been very unsatisfactory both in service and in the nuisance produced. Therefore, for several years past, the question has been under critical study. Prior to the Bond issue of May 11th, 1908, the following report was submitted, based principally upon data collected and conclusions reached by principal Assistant Engineer Connick, under whose charge this work has been for some years past:

PLANS AND DESCRIPTION.

An examination has been made of the local conditions and information collected regarding the methods of collection and disposal of municipal waste employed elsewhere. Meetings have been held with interested citizens and such literature on the subject as has been obtainable has been carefully studied.

MUNICIPAL WASTE.

According to Parsons, the city waste materials for which a municipality should provide a method for collection and disposal may be classified as follows, depending chiefly upon the method of handling.

City Waste Materials	General Refuse	Fluid and Semi-fluid Refuse	Sewage	House Sewage Street, Roof and Area Drainage Night Soil
		Ashes	Steam Ashes Household Ashes	
		Garbage	Animal matter Vegetable matter Meat and bones Fruit	
		General Rubbish	Paper Wood Rags and bedding Leather and rubber Metals Bottles, glass and crockery Sweepings from buildings	
		Street Sweepings	Animal manure Pavement dirt Droppings from carts Materials from building construction	
		Snow	Some rubbish and leaves	
	Trade Refuse	Cellar excavations Materials from building construction Stable manure Market offal Slaughter house offal Dead animals		

As the disposal of sewage is being treated under a separate proposition, and the climatic conditions of this city are such that snow rarely falls, no further consideration will here be given to the disposal of these waters. With the exception of dead animals, trade refuse also need not be provided for, as the collection and disposal of these classes of waste are accomplished by private and special services, and excepting such portions of them as are added to the general refuse waste, are not a burden to a municipality. The collection and disposal of street sweepings is at present being handled by the Board of Public Works, the streets being swept both by hand and machine. Prior to April 18, 1906, the sweepings were collected from the street and hauled by wagons to the City bunkers on Bryant street, near Division street, from which they were hauled to Golden Gate Park by the United Railroads, where they were used to enrich the sandy soil in the westerly section of the Park. At the present time the greater part of this refuse is hauled by the city wagons to China Basin, where it is loaded away on cars by the railroad company, who use it for filling the flats between Hunters Point and the Sugar Refinery. The City pays 25 cents a wagon load for its disposal. The sweepings from the down town section of the burned district, in which rebuilding is in active progress, contain a comparatively small amount of organic matter, and are being separately collected and used to fill in low areas in various parts of the city. Plans are at present under way to resume the practice of disposing of the sweepings in the Park.

CLASSES OF WASTE TO BE DISPOSED OF.

Therefore, the problem before us is the economic collection and disposal of ashes, garbage, rubbish and dead animals.

Ashes.—Ashes may be subdivided into two classes, namely: Those resulting from the generation of steam for industrial uses and those resulting from the production of heat for household purposes. Because of the fact that liquid oil fuel is so largely used for the generation of power for industrial purposes in this city, there is comparatively little ashes of this class to be collected. As most of the fuel used to produce the heat required for household purposes is burned in stoves and heaters, the ash from this source, while of considerable quantity, has comparatively little calorific value. The total daily quantity of ashes requiring collection will vary considerably with the season of the year, it being greater in winter than in summer.

Garbage.—Garbage, sometimes referred to as swill, is the waste organic matter from dwelling houses, restaurants, markets, malt from breweries, etc. It is the most important part of municipal waste, because it is the primary cause of nuisance. It has a recognized commercial value, because of the products which may be obtained from it, viz., grease and tankage (fertilizer base). Its composition and quantity vary with the season of the year and the character of the population of the district from which it is collected. It frequently contains rubbish, such as paper, etc., together with from 50 to 80 per cent of water.

Because of the fact that it rapidly decomposes and generates disagreeable and offensive odors, it is necessary that it be frequently collected.

Rubbish.—Rubbish is all the household waste that cannot be classified under "Ashes" or "Garbage," such as paper, wood, discarded clothing, furniture, cooking utensils, tin cans, broken crockery, etc. It also contains the dust and sweepings from the house, etc., and may harbor disease germs. It has a recognized value, and in some cities the privilege of picking the rubbish at the dumps is let out by contract. In the Borough of Manhattan and the Bronx this privilege for 1903 brought \$71,000, and frequently the amounts picked out and sold exceed 25 per cent of the whole by weight. It has been estimated that the value of the pickings from the San Francisco garbage during 1907 was not less than \$20,000.00.

PRESENT METHOD OF COLLECTION.

At present, ashes, household garbage and rubbish are collected by licensed scavenger wagons, which are inspected by the Board of Health. Under the law, the Sanitary Reduction Works is the only place in the City and County where they can dispose of their collections, the scavengers paying 60 cents a ton for its disposal. Each scavenger wagon has its own route and makes its own arrangement with the householder regarding the charge for collection. The existing system is not operating satisfactorily, as in a number of instances householders refuse to employ scavengers, or do not agree with them regarding the price for collection, and the result is that the householders dispose of their refuse by throwing it into the streets or by other unsanitary methods.

The scavengers carefully pick over all general refuse that they collect, taking out everything of value, such as metals, rags, bones, bottles, etc. It is reported that the value of this salvage amounts to from \$10 to \$15 per wagon per month. It is also of interest to note that the collections are again picked over at the plant, the privilege being let to an individual by the works for \$80.00 per month.

The greater part of the garbage from the hotels and restaurants is purchased by the owners of hog and chicken ranches in San Mateo County. G. A. Buell reports that prior to April 18, 1906, from 30 to 40 tank wagons were employed to transport this refuse. A large percentage of the malt resulting from the manufacture of beer is hauled by wagons to San Mateo County, where it is used to feed animals. The stable manure is largely employed as a fertilizer, it being used in the growing of vegetables in the small gardens in the southern section of the City and in San Mateo County. It is stated that the farmers utilize the same wagon to haul the vegetables to the City that they employ in hauling the manure. The greater part of that used in San Mateo County is shipped by the railroad company. The manure from private stables is mostly delivered to the Reduction Works by the regular scavengers.

The dead animals are collected and disposed of by the Standard Manufacturing and Supply Company. The method of collection in use is not at all satisfactory, as it is of frequent occurrence that dead horses are permitted to remain on the streets for hours before they are removed.

Butchers' refuse is collected by a number of private interests, who, by the reduction process, extract the fat—the remainder, the bones and tankage, are used for fertilizer.

PRESENT METHOD OF DISPOSAL.

Ordinance No. 2965, passed by the Board of Supervisors on February 17, 1896, granted to F. E. Sharon, his associates and assigns for the term of fifty years the sole and exclusive right and privilege to cremate or destroy within the City and County of San Francisco, by crematories or by a process of reduction, all house refuse, butchers' offal, garbage, refuse, dirt, ashes, cinders and sludge, crockery, tin, bones and other like material, dead animals, putrid vegetable matter, fish and food condemned by the City and County of San Francisco as unfit for human food.

And further provides that said grantees, their associates and assigns, shall have the right and privilege to charge and collect not exceeding the sum of 20 cents per cubic yard on the delivery of all of the above materials and substances, at the plant or works where the crematory and reduction plants are established.

The above exclusive franchise was granted Sharon in consideration of the sum of \$2,510, and the further payment of 2 per cent for the term of 15 years after the date of the franchise and 5 per cent for the remaining term of 35 years on the gross amount of receipts derived under the franchise.

The Sanitary Reduction Works of San Francisco (a corporation) is the assignee and successor in interest of the said grantee of said franchise.

Their incinerating plant, where all general refuse, except the larger dead animals, is disposed of is located on the block bounded by Rhode Island, Alameda, De Haro and Fifteenth streets. It was completed and put in operation in 1897. It consists of thirty-two furnaces (Charles Thackery's incinerators) arranged in four batteries of eight each. The batteries, each of which may be independently operated, are placed back to back in two sets, the furnaces in each set having a common charging platform on top. The furnaces are 8 feet wide by 12 feet long, with inclined grates. The smoke and hot gases are discharged into a flue, which conveys them to the stack, which is 250 feet in height. The plant is operated under natural draft.

The garbage is delivered by wagons directly into wooden bins, whose bottoms are on the same level as the charging platform. From these bins it is raked and shoveled by hand into a large cast-iron hopper at the rear of each furnace. In firing a furnace a layer of paper or some other material which burns readily is spread over the grates and set on fire, the mixed refuse is then pulled out of the charging hoppers and over the fire by men on the firing floor with long rakes.

Alongside of the cast-iron charging hopper through which the furnace is fed are openings leading to the flues, which, in turn, lead to the stack. All the steam and obnoxious gases arising from the heated and burning materials pass through these openings into the stack. In recent years a water curtain and paper arrester have been installed near the base of the stack, through which all of the hot gases and smoke pass. When these devices are operating they remove from the gases about one cubic yard of ashes and fine dust in twenty-four hours. It has been stated that the water curtain has not been operated in accordance with the directions of the inventor.

The company claims that the furnaces have a total capacity of 1,000 tons per 24 hours. However, this is questioned.

The different classes of waste are, to some extent, separately collected by the scavengers, and as they enter the yard the more combustible portions are unloaded separately and used to start the fires, the remainder being dumped into the bins, where all articles of value, such as iron, bones, bottles, etc., are picked out.

All the iron obtained from the garbage, together with other iron, which is purchased from junk dealers, is utilized in a foundry owned and operated by the Standard Manufacturing and Supply Company (a subsidiary company) in the manufacture of window weights.

The greater part of the ashes and partly burned material obtained from the furnaces is loaded on cars, which are hauled away by the railroad company, who employ them for filling, a portion is sifted and sold to a fertilizing company.

The larger dead animals, such as horses, dogs, etc., are disposed of by the Standard Manufacturing and Supply Company, a subsidiary company of the Sanitary Reduction Works. Their plant is located at Fifth avenue South and M street South. It consists primarily of two digesters, a meat press, fat and grease tanks and a small steam boiler for supplying steam to the digesters. They dispose of about 6,000 animals yearly by the reduction process, obtaining as products, which they sell, hides, bones, grease, fat and oil.

Ever since these plants have been in operation they have been creating constantly increasing nuisances. The incinerating plant being located near the center of population, has been and is particularly offensive. The open bins into which the refuse is dumped from the scavenger wagons permit the escape of obnoxious, sickly odors, and, in addition, large quantities of rubbish are frequently burned in the open air inside the fence inclosing the plant. The smoke from the open fires, together with the sickly odors from the open bins, pollute the atmosphere for upwards of a half mile from the plant.

It was stated at the plant that this material burned in the open air was that part of the rubbish which gave off excessive heat when burning, such as wooden boxes, paper packing, etc., and that this was done in order to keep the temperature of the burning garbage in the furnaces from becoming too high and thereby increasing the cost of maintenance of the fire brick lining of the furnaces. It may be stated that the temperature at which the plant is operated is less than 700 degrees Fahrenheit, as against from 1,700 to 2,000 degrees Fahrenheit which the successful modern plant attains.

The principal objection to the incinerating plant is caused by the smoke from the stack, which contains more or less paper, together with a large amount of fine dust and organic matter, which gives it a most obnoxious odor. In fact, it may be stated that this smoke is constantly a nuisance to some section of the City, the exact location depending upon the direction of the wind. Up to the time of the installation of the water curtain and spark arrester it was of frequent occurrence for paper still on fire to be drawn up the stack and be deposited as far as a quarter of a mile from the works.

The buildings comprising the plant are not designed or constructed in such a manner that they can be readily kept clean. There is a large amount of frame timber construction employed for driveways, platforms, fences, etc., and the only sections of the plant which are covered with concrete are the floors of the firerooms directly in front of the furnaces. In fact, there appears to be no attempt to conduct the works in a sanitary manner.

The fire of April 18, 1906, caused many people to find homes in the vicinity of these plants, and consequently there have been an increasing number of complaints of the manner in which they are operated and efforts have been made by the residents and improvement clubs in the vicinity of these plants to enforce the section of the company's charter which directs that the garbage and refuse are to be destroyed in a sanitary manner without offence to the community.

Partly because of the manner in which it is operated, but more because of defects which are inherent in its design and construction, it is not believed to be possible to operate the incinerating plant at Fifteenth and Alabama streets in the manner required by the franchise.

Experience elsewhere, as well as in this City, has shown that in the vicinity of practically all plants similar to that of the Standard Manufacturing and Supply Company, where waste is disposed of by the reduction process, that complaints are made with more or less frequency of nuisance, and, in general, it is required that plants of this type be located outside the cities.

However, if, in the opinion of the Board of Supervisors, the acquisition of those portions of the lands and plants of the Sanitary Reduction Company and the Standard Manufacturing and Supply Company, which are at present employed in the destruction of the municipal waste of this City, is necessary or desirable, the value of the same is estimated at \$385,000.00.

EXPERIENCES ELSEWHERE.

Having briefly reviewed the conditions existing in San Francisco, it is of interest to consider what has been and is being accomplished elsewhere. In this connection the following extract from a recent report on "Garbage Disposal," by Rudolph Hering, consulting engineer to the Mayor and Common Council of the City of Milwaukee, is of interest:

"Until the middle of the last century cities disposed of their general refuse simply by dumping and filling up low land. Garbage, when fresh, was used chiefly for feeding, and when stale it was mixed with other refuse and dumped.

"About fifty years ago England began to improve on this method by introducing incinerators. It has been found that all domestic refuse, when mixed

in the pits or 'middens,' contained a sufficient amount of combustible matter to burn without the addition of fuel.

'The Fryer furnace at Nottingham, built in 1875, was the first successful refuse destructor. It consisted of a series of cells, each being about five feet square, having a grate sloping towards the front and fed through a hopper at the rear. The success of this furnace was sufficient to cause in England a rapid growth of refuse destruction by fire. To-day it is the only method for this purpose practiced in the country.

'Many improvements in the detail and construction and operation have since been made. About ten years ago the burning of refuse was introduced into Germany and Belgium; recently it has been introduced in Paris, and is now favored quite generally in Europe and wherever city refuse is to be destroyed.

'In the United States the best early methods pursued were feeding garbage to swine and dumping the other refuse. Due to the better conditions of our soil, city refuse has not been much used for fertilizing purposes.

'When it became apparent that only fresh garbage could be safely fed to animals, and that in large cities it was difficult to collect and dispose of garbage so rapidly that it could be fed in a fresh state, other methods of disposal were sought. On account of the nuisance caused by the early putrefaction of garbage, efforts were made chiefly in the large cities to find some way of disposing of it properly, and no attention was given to the other parts of the city's refuse, which were usually dumped anywhere at the least possible cost.

'The first of these methods of garbage disposal was incineration, of the Engle furnace, as already mentioned, was the first one to be introduced into this country.

'Due to the large amount of moisture contained in garbage, if not mixed with rubbish and ashes, which permits most of the moisture to evaporate, it was found necessary to add fuel, such as coal, and the Engle furnace, as well as almost all of the subsequent variations of it, used coal in greater or less quantities to assist combustion.

'It will be evident that the addition of coal represents in some cases, as in Milwaukee, a large expense. It is, therefore, strange that for many years no furnace was designed on well-considered principles to burn the garbage in a way so that the amount of coal would be reduced to a minimum or made entirely superfluous. It is not necessary here to mention the many patterns of furnaces that have been suggested and erected in our country, and which have been more or less successful for awhile, but almost none of which have stood the test of time and intelligent investigation, and none until recently demonstrated their capacity to permanently maintain a satisfactory disposal at low cost.

'The Dixon Garbage Crematory is used more extensively than any other. It also had a successful exhibit at the St. Louis World's Fair in 1904. The cost of burning garbage is, in round numbers, about 50 cents per ton for coal and labor under average conditions, but excluding fixed charges. No effort is made with the furnace to do more than cremate the garbage, and none to utilize heat for any other purpose.

'The Decaire Incinerating Furnace has also been recently used in several cities. Its chief difference from other furnaces is that it contains a drying rack, acting as an upper grate, upon which the wet garbage is first dumped. Less coal is generally used than in the Dixon Crematory. The cost of burning garbage is therefore correspondingly less. The furnace temperatures are generally not higher than required to burn the refuse, and the effort is made to utilize all its available calorific value for steam raising purposes.

'Its cost ranges from 15 to 50 cents per ton, depending chiefly on the character of the refuse.

'The first furnace on the other side of the Atlantic Ocean which has not only given complete satisfaction, both from a sanitary and economical point

of view, but has utilized the heat created by the burning, is one which was erected a few years ago, and has since been operated at Westmount, a suburb of Montreal, Canada. It is situated not very far from residences, has a capacity of 50 tons per day, burns all kinds of refuse and supplies heat for generating the electricity which assists in lighting the town. The cost of incineration, including fixed charges, is 43 cents per ton.

"Since then a number of projects have been discussed in the United States. A furnace is now being erected in New York, in the borough of Richmond, designed on principles determined by the Borough Department, and calculated to consume general refuse and utilize the heat for power. It promises to give satisfactory results at small cost. With a careful analysis of the materials of the refuse and of all the physical conditions, it is not a difficult engineering problem to foretell the results that must follow. There are precedents almost innumerable under conditions precisely like those at Westmount and Richmond which allow such a forecast to be made with no question as to the final result.

"While in Europe the destruction of city refuse by fire has been practically the only method which has proven successful and economical, there has developed in the United States another method which has advantages that cannot be secured elsewhere.

"The character of the garbage in the United States, due to the wastefulness of food matter, particularly of animal food, is such that there is a large percentage of grease in the garbage, which varies from 2 to 3.5 per cent of the whole mass. This grease may be advantageously used for the manufacture of candles, soaps and other products, and therefore holds a good price. Private companies have organized for utilizing the garbage. They have sought their profit chiefly in the extraction of the grease, though another profit obtained is the tankage, a material which can be used as a filler for rich fertilizers and has also a market value.

"In view of these facts, we have had for about twenty years a large number of what are called garbage reduction works in the United States, and they have been built in almost all our large cities, where it has been found most economical to build them and where the garbage has been richest in grease, which is the most profitable product. This method of garbage disposal has been advocated strongly by parties having a commercial interest in the products, and even by others on the ground of economy.

"The City of Cleveland has installed a plant, owned by the city, for the extraction of grease and fertilizer from its garbage, and the plant is operated by salaried employees of the city. Cost items are thus readily available and can be used to fairly well ascertain the cost of this method, which was formerly held closely guarded by private interests.

"When considering the question of refuse disposal of a city we must at once perceive that the most economical method will be that which, as a whole or the summation of its parts, gives the least expensive method of disposing of the entire quantity of refuse.

"Where the disposal of garbage alone by incineration is practiced, it will be necessary to ascertain the cost of disposing also of other classes of refuse. It is practicable to destroy by fire not only garbage and rubbish, but also manure and certain classes of street sweepings. It is also practicable to utilize a large percentage of unburnt coal and cinders in discarded ashes.

"On the other hand, if grease and fertilizer are obtained from garbage, it is necessary to obtain the additional expense of disposing of the rubbish, street sweepings, manure and ashes in the most economical way.

"Only by considering the entire cost of each of the present efficient methods of garbage disposal, together with the cost of disposing of the other refuse, can a proper solution for a city be obtained.

"In conclusion, it may be well to state what methods of disposal have been found good, their preference being based on sanitation, cost and simplicity of operation.

GARBAGE.

"Hotel and restaurant garbage, if collected daily, is more profitable, economically and satisfactorily if fed to swine. This is done in most New England cities.

"The city of Berlin, in Germany, gives the garbage a shallow burial for fertilizing purposes, with a fair degree of satisfaction.

"The only other satisfactory methods are either a well-operated system of reduction or of incineration.

RUBBISH.

"Rubbish from large cities is still, to some extent, picked over. The custom, while profitable, is not a sanitary one, and may some day cause disastrous results. It should therefore be abandoned.

"Many cities still dispose of rubbish by dumping. Though perhaps economical under certain conditions, this system is likewise not a sanitary one, as objectionable results, due to dissemination of disease germs, may result. It is also gradually being abandoned.

"The most sanitary method, and under certain conditions also the most economical one, is a destruction by incineration.

ASHES.

"There can be no objection to dumping ashes for filling where it is economical to do so and the dust nuisance is prevented. If we consider that in most of our cities there is contained from 20 to 30 per cent of unburnt coal in the ashes, it may be more economical to use it for the assistance of burning garbage than to dump it without thus utilizing the calorific value of the coal. This is profitably done in many cities.

STREET SWEEPING AND MANURE.

"Where street sweepings contain a great deal of mud and inorganic matter, it is best to dispose of them for filling. When they can be collected from well-paved streets of the center of the town, they contain sufficient calorific value to be burned. Incineration has the advantage that it destroys the dust, lodging in the streets, which frequently contains the disease germs resulting from city life, and incineration is therefore preferable on sanitary grounds.

"Stable manure likewise has a sufficient calorific value for burning, and burning is preferable when it is economical, otherwise dumping or burial will be satisfactory."

ESTIMATED PRESENT AND FUTURE QUANTITIES OF MUNICIPAL WASTE TO BE DISPOSED OF IN SAN FRANCISCO, CAL.

The amount of municipal waste which it is necessary for any city to dispose of depends upon its climate and population, their mode of life and industries. In 1900-1901 Mr. C. E. Grunsky, then the City Engineer, made the following estimate regarding the probable future growth of this City:

	Population.
1860—United States census	56,802
1870—United States census	149,473
1880—United States census	253,959
1890—United States census	298,997
1900—United States census	342,782
1910—Estimated from .....390,000 to	435,000
1920—Estimated from .....445,000 to	535,000
1930—Estimated from .....500,000 to	635,000
1940—Estimated from .....560,000 to	735,000
1950—Estimated from .....625,000 to	845,000
1960—Estimated from .....680,000 to	960,000
1970—Estimated from .....750,000 to	1,080,000

After a consideration of the above table it has been decided to prepare at present for the disposal of the waste from a population of 500,000.

As the collection and disposal of municipal waste has been in the hands of a private corporation for the past eleven years, data regarding its amount, composition and calorific value are not plentiful. The following table shows the amount of refuse which was delivered at the Sanitary Reduction Works during each month of 1907, together with the value of the bottles, metals, etc., removed from the refuse after it was delivered at the yard:

TABLE No. 1.

Month.	Refuse in Tons.	Value of Pickings.
January	10,561.4	219.08
February	9,690.6	54.10
March	10,534.6	56.10
April	10,465.3	65.05
May	9,958.5	64.25
June	8,406.6	60.00
July	9,032.8	60.00
August	9,800.8	207.90
September	8,939.5	60.00
October	11,866.7	93.70
November	9,595.0	117.80
December	11,777.8	228.10
Totals.....	120,629.6	1,343.08

During January, 1908, the collections delivered to the incinerators amounted to 12,500 tons, and it is estimated by the owners of the plant that the total yearly collection during 1908 will amount to 150,000 tons. No collections are made on Sunday, and the scavengers have so arranged their collections that they are greatest on Mondays and Fridays, when they amount to about 470 tons, during the rest of the week they average about 420 tons daily. These quantities are fairly accurate, as the contents of each wagon is weighed and paid for just before it enters the yard.

During 1907, excepting cats and goats, 6,120 animals were disposed of by reduction at the plant of the Standard Manufacturing and Supply Company, as follows:

Horses	1,800
Cows	120
Dogs	4,200

Cats and goats, no record.

From a consideration of the above data, the local climatic conditions, also such data as has been obtained regarding the conditions elsewhere, together with the fact that at present, because of peculiar local conditions, viz., that large quantities of refuse are disposed of by being utilized as fertilizer, fed to animals or thrown on the streets, where it is collected by the street sweeping department. It has been estimated that when this City has a population of 500,000 and an efficient system of collecting refuse, that provision will have to be made for annually disposing of about 2,400 of the larger dead animals, such as cows and horses, together with not less than 275,000 tons of municipal waste, and that the daily quantities collected will vary with the season to from 700 to 800 tons, being less during the summer months.

METHODS OF DISPOSAL.

There are six methods generally recognized by which the disposal of municipal waste may be accomplished. However, all are not applicable to the disposal of all classes of waste. The methods with the wastes which they will dispose of are stated as follows:

Methods—	Applicable to—
1. Dumping on land,	All subdivisions.
2. Dumping in water,	All subdivisions.
3. Ploughing into soil,	Garbage and street sweepings.
5. Reduction processes,	Garbage.
4. Feeding to animals,	Garbage.
6. Incineration.	All subdivisions (except steam ashes).

It is readily apparent that the last two methods, namely, by reduction processes or by incineration possess decided advantages in many ways over the others. Because of this they will be the only methods here considered.

Therefore, there are two ways of properly disposing of the municipal waste of this City, namely, by reduction of the garbage and the incineration of the remaining refuse, or by disposal of all of the waste by incineration.

Disposal of garbage by reduction means that the garbage is separately collected and dumped into suitable steel digesters, where it is cooked by steam under pressure and all organic or putrescible matter extracted. The resulting products are grease and tankage, which have a material value. Because of the probability of obnoxious odors resulting from the operation of a reduction plant, it should be operated by skilled labor and located well away from any of the built-up sections of the City. This would require a long haul for the garbage, and in addition it would be necessary to have one or more incinerating plants in the built-up sections of the City to dispose of the rubbish, etc.

Another factor to be considered in connection with the disposal of garbage by reduction is that the municipality is embarking into a business of manufacturing and selling articles of trade, and there is a question as to how far it is advisable for a city to go in this direction.

Disposal by incineration means that all of the general refuse of the City is burned at a high temperature, by which all its offensiveness is removed. Furthermore, the heat evolved may, in some cities, be utilized for the generation of steam, which can be utilized in the generation of any power the municipality might require.

This type of plant requires expert handling, but experience in England and elsewhere has conclusively demonstrated that when properly designed, constructed and operated, it may be located in the built-up sections of the City and conducted without odors or other objectionable features. The prime requirement is that all gases of combustion must be raised to a temperature not less than 1,700 degrees Fahrenheit. It also possesses other advantages. It destroys

all germ life, takes care of all general refuse; the hauls may be short, as more than one plant can be installed, the larger dead animals can be readily disposed of, which possesses decided advantages, especially when they die from disease, and in many instances the refuse does not have to be separately collected.

The only refuse resulting from this type of plant is ashes and clinker. However, as it is free from all organic matter, it can be readily disposed of as filling for low lands in and about the City. It is recommended that the City refuse be disposed of by the latter method or cremation, and that two plants be constructed, one in the vicinity of Black Point, with a capacity of 250 tons daily, and one at some point in the vicinity of the existing crematory of the Sanitary Reduction Works or easterly therefrom, with a capacity of 700 tons daily. Their exact location is not important, the only qualification being that they be so located that there will be no difficulty in extending a spur track directly into the plant, so the ashes and clinkers can be removed by rail.

The capacity of the plants recommended are such that a number of furnaces in each can always be held in reserve for unforeseen contingencies, such as repair, etc., and when the population exceeds 500,000 people, or if for any other reason they become inadequate, the remedy is not to enlarge them, but to build an additional plant or plants in other parts of the City.

The buildings housing the plant and the stables are to be constructed of steel and concrete, and no combustible material is to enter into their construction. In these designs full consideration is to be given the probability of earthquake shock and the necessity of having them so constructed and arranged that they can be easily kept in a strictly sanitary condition. Power appliances are to be installed where possible to reduce the cost of labor. Provision is to be made for washing the collection cans, and toilets and bathrooms are to be installed for the use of the men operating the plant.

The furnaces will be operated under forced draught, and so arranged that they can be charged direct by dumping into them the contents of the collection cans. They should be designed in accordance with the best knowledge and practice, and because of the successful experience of European cities in destroying city refuse by cremation, the opportunity should be given the more prominent European firms to submit designs and bids for building the furnaces under our local conditions, as well as bids to supervise their operation for a year, guaranteeing the results to be obtained thereby.

POSSIBILITY OF PROCURING POWER FROM THE INCINERATION OF GARBAGE.

No data are obtainable regarding the calorific value of the local municipal refuse. However, when consideration is given the fact that at present, even with the parts of the refuse having the highest calorific value removed and burned in the open, the remainder, including all the garbage, is consumed after a fashion in a furnace that embodies none of the modern improvements, the conclusion is reached that there will be no difficulty in successfully disposing of all of the general refuse, together with dead animals, by burning in furnaces, and that no fuel other than that in the garbage will be required.

In regard to the utilization of the hot gases from the burning refuse for the generation of steam for the production of power for municipal purposes, no conclusion is drawn. In order to determine that fact it will require extensive examination and tests of our local garbage, which time at present does not permit.

The following quotation from "discussion" by J. C. H. Stut, mechanical engineer, San Francisco, Cal., on a paper by Rudolph Hering on the "Disposal of Municipal Refuse" (Trans. Am. Soc. C. E., Vol. LIV) is of interest. Mr. Stut, in discussing the disposal of garbage in this City, states, after describing a furnace for the burning of municipal refuse which he has constructed: "From

a long experience with these furnaces, it is found possible to produce from 800 to 1,000 h. p. from the use of the garbage that accumulates in a City like San Francisco.''

These plants can be so constructed that if, in the future, it should appear desirable to install boilers for the generation of steam that it could be done at a minimum expense.

METHODS OF DISPOSING OF MUNICIPAL WASTE PENDING THE ACQUISITION OF PLANTS BY THE CITY.

It is necessary that provision be made to dispose of the municipal waste during the time the City is acquiring its own plant.

Arrangements may be made with the owners of the existing plants, and the plants continue in service, or, if this cannot be done, it will be possible, though not desirable, to dispose of the refuse by towing it well out to sea and dumping. This method has been employed for some time by New York City, but because of the fact that it resulted in the pollution of the nearby beaches, efforts are now being made to discontinue it.

ESTIMATE OF COST.

Estimated cost of land and an incinerating plant, with equipment sufficient to dispose of 700 tons of municipal waste daily.

Cost of Construction—

Land	\$100,000.00
Building, furnaces, etc.	530,000.00
Engineering and contingencies	58,000.00
Total	\$688,000.00

Operating Expenses per Year—

Labor, supervision and removal of ash and clinker.....	\$ 91,500.00
Supplies	2,000.00
Repairs, 4 per cent \$61,000 on cost of flues, stack, etc....	2,440.00
2 per cent \$184,000 on cost of buildings, etc....	3,680.00
10 per cent \$245,000 on cost of furnaces, etc....	24,500.00
Total	\$124,120.00

Estimated cost of land and an incinerating plant, with equipment sufficient to incinerate 250 tons of municipal waste daily:

Cost of Construction—

Land	\$ 60,000.00
Buildings, furnaces, etc.....	225,000.00
Engineering and contingencies.....	27,000.00
Total	\$312,000.00

Operating Expenses per Year—

Labor, supervision and removal of ash and clinker.....	\$ 46,000.00
Supplies	1,000.00
Repairs, 4 per cent \$25,000 on cost of flues, stack, etc..	1,000.00
2 per cent \$75,000 on cost of buildings, etc....	1,500.00
10 per cent \$100,000 on cost of furnaces, etc....	10,000.00
Total	\$ 59,500.00

SUMMARIZED ESTIMATES OF CONSTRUCTION AND OPERATING EXPENSES.

Disposal System—

Cost of construction.....	\$1,000,000.00
Yearly operating expenses	183,620.00

Under the bond issue approved on May 11, 1908, one million dollars was made available for perfecting and carrying out the above work. The latter part of the fiscal year just passed was spent in perfecting the data to prepare the details of a modern crematory system and in determining the nature, amounts and calorific value of the garbage produced in the several districts of this city. This work is still in progress, and during the coming fiscal year will result in the collection of sufficient information to perfect plans for the distribution and utilization of this material.

SUMMARIZED STATEMENT OF EXPENDITURES AND REVIEW OF WORK DONE DURING THE FISCAL YEAR ENDING JUNE 30, 1908.

The total receipts of this office for the year ending June 30, 1908 have been\$18,540.10

These receipts consist of fees received for certain classes of work done by the Division of Street and Lot Surveys, and are classified as follows:

Surveys on contract work, charged to private parties.....	\$ 12,026.50
Surveys on lots for private parties	6,513.60
Total	\$ 18,540.10

All fees received have been deposited monthly with the Cashier of the Board of Public Works and receipts are held for same.

The total expense of the office for the fiscal year has been.....\$ 98,430.28

This may be classified as follows:

Salary of City Engineer	\$ 5,000.00
Salaries and wages, Division of Streets and Lot Surveys and Division of Construction—	
General Fund	42,531.42
Bonds	31,827.00
Special Appropriation	13,792.95
Laboratory	657.96
Incidentals (transportation, repairs, buggy hire, etc).....	4,620.95

The following persons are now connected with the Division of Street and Lot Surveys and the Division of Construction. This list embraces all the employees of the Bureau of Engineering:

City Engineer, Marsden Manson.

Principal Assistant Engineer, H. D. H. Connick.

Assistant Engineers—John R. Price, O. N. Sanford, F. A. Temple, W. M.

Larnard, J. W. Parker, J. O. Burrage, H. W. Shimer.

Assistant Engineer in Charge of Division of Surveys—Chas. H. Holcomb.

Surveyors—S. Harrison Smith, H. H. Hollidge, Carl Hilpisch, H. J. Stahle,

A. D. Phares, E. A. Parker, J. B. Cowden, John Schlozhauer.

Draughtsmen—Wm. A. Smith, Jas. M. Owens, Peter Summerfield, A. L.

Anradou, John C. Gard, G. R. Kline, Wm. C. Pidge, L. R. Mercado, H. B. Truett, F. B. Mensch, L. W. Stocker.

Chemist—John H. Gray, Jr.

Assistant to Chemist—J. H. Reavey.

Surveyors' Field Assistants—B. D. Rickey, H. H. Ely, W. D. Evans, D. R. Hult, J. W. Farnham, W. H. Firebaugh, Jas. C. Garbarino, Jas. H. Flynn, Andrew Olsen, J. J. Halloran, Frank J. Reilly, J. D. Campbell, R. S. Woodward, Thos. C. Ronan, A. W. Garbarino, L. E. Fenton, W. J. Hatman, J. H. Johnson, H. B. Chaffee, E. A. Burke, J. M. Chase, Thos. Lundy, G. C. Brown, Chas. Behan, F. Stewart, J. R. Brown, G. R. Code, F. G. Darlington, E. E. Jordan.

Stenographers—Miss Alice B. Code, Miss Louise Wills.

Clerk—Louis Sloss

In addition to the above, the following have been connected with said Division during some portion of the past year:

Thos. P. Woodward, City Engineer, resigned.

J. F. H. Stahle, surveyor, deceased.

E. B. Frost, surveyor, dropped.

G. J. Couchot, draughtsman, dropped.

W. R. Morgan, draughtsman, dropped.

Chas. Penz, draughtsman, dropped.

W. Krause, draughtsman, dropped.

J. B. Whitney, draughtsman, dropped.

A. J. Bowie, draughtsman, dropped.

Chas. H. Sawyer, draughtsman, resigned.

E. A. Duden, field assistant, dropped.

A. L. Stern, field assistant, dropped.

R. W. Catton, field assistant, dropped.

C. R. Berglund, field assistant, dropped.

Fred. Head, clerk, transferred.

The following persons are now serving as Inspectors on Construction of Public Works:

Wm. J. Turner, J. J. McGowan, Thos. Christal, W. H. McCarthy, W. H. Williams, R. W. O'Connor, E. E. McCartney, A. L. Gallagher, P. C. O'Down, H. L. Bienfield, Wm. Roches, J. J. Sweeney, F. H. Hartman, Jas. Riordan, Joseph Murphy, Wm. Fisher, T. Tominski, J. D. Coon, Jos. Coyle, L. McMahon, H. A. Clark, J. W. Sloane, G. J. Couchot, E. Page, J. E. Casey, B. A. Baird.

In addition to the above, the following have been Inspectors on Construction of Public Works:

A. D. Cross, E. J. P. O'Reilly (deceased), H. A. Clark, D. J. Seegelken.

Inspectors are not constantly employed and are paid only when they work.

The expense for inspection is a charge met by the contract, except in repaving accepted streets and on other public works, when the cost of the work is borne by the City. In these cases the inspector is paid by the City and charged as part of the cost of the work.

Other persons, not hereinabove enumerated, who have served on the preparation of plans and estimates for improvements to be made under bond issue, are the following:

T. W. Ransome, Consulting Engineer.

The following tabulated statement gives a brief summary of some of the different classes of work done during the past fiscal year:

STATEMENT OF THE DIFFERENT CLASSES OF WORK DONE BY THE BUREAU OF ENGINEERING, 1907-1908.

Character of Work.	Amount.
Lot Surveys.....	432
Duplicate diagrams issued.....	12
Surveys made for construction and in connection with matters referred to the office for investigation.....	850
Miles of streets and avenues of which resurveys, fixing lines and setting street monuments have been made.....	4
Miles of streets and avenues of which surveys have been made for the purpose of making profiles and establishing grades.....	0.5
Miles of streets and avenues of which profiles have been made (office work)	0.5
Number of specifications.....	587
Number of contracts for street improvements completed work in which has been supervised.....	225
Number of contracts for street improvements, work on which was in progress at the end of the fiscal year.....	70
Number of matters referred to the office for investigation and report..	1,441
Number of reports rendered recommending grade changes.....	49
Number of grade changes recommended.....	472
Number of reports rendered recommending establishment of grade....	11
Number of grade establishments recommended.....	57
Number of reports accompanied by maps showing districts for grade changes, together with estimated cost and damages.....	9

In addition to that above given, the work of making surveys for the purpose of fixing the lines of streets and avenues has been in progress in the burned district as follows:

- 50 Vara district,
- 100 Vara district,
- Mission district.

The following tabulated statement gives the receipts of the Bureau of Engineering during the past eight years in the form of comparisons:

Classes of Work.	Year 1900-1901.	Year 1901-1902.	Year 1902-1903.	Year 1903-1904.
Surveys on contract work charged to private parties	\$ 4,408.75	\$ 4,465.25	\$ 5,638.75	\$ 7,894.50
Surveys on lots for private parties	5,603.00	6,841.00	8,482.00	9,297.50
Total	\$10,011.75	\$11,306.25	\$14,120.75	\$17,192.00

Classes of Work.	Year 1904-1905.	Year 1905-1906.	Year 1906-1907.	Year 1907-1908.
Surveys on contract work charged to private parties	\$10,586.50	*\$544.50	\$ 7,733.50	\$12,026.50
Surveys on lots for private parties	12,324.00	* 357.00	9,425.00	6,513.60
Total	\$22,910.50	*\$901.50	\$17,158.50	\$18,540.10

* This amount represents the receipts for the months of May and June, 1906, the record of the previous months having been destroyed by fire.

Grades were established on the following streets and avenues:

Alma avenue, Cole street to Stanyan street.
 Beacon street, Castro to Diamond street.
 Belvedere street, Alma avenue to Carmel street.
 Carmel street, Clarendon avenue to Shrader street.
 Cole street, Alma avenue to Carmel street.
 De Long avenue, Piedmont street to Frederick street.
 Diamond street, Thirtieth street to Thirty-first street.
 Elliott Park, Steiner street to point 550 feet westerly.
 Fifteenth street, Castro street to Tilden street.
 Grattan street, Cole street to Stanyan street.
 Laussat avenue, Fillmore street to Steiner street.
 Lundy's lane, Coso avenue to point 130 feet southerly.
 Rivoli avenue, Belvedere street to Stanyan street.
 Seventeenth avenue, Lake street to point 245 feet northerly.
 Shrader street, Parnassus avenue to Carmel street.
 Stanyan street, Eighteenth street to Twentieth street.
 Thirty-first street, Castro street to Diamond street.
 White street, Vallejo street to point 197 feet northerly.

Grades were changed and established on the following streets and avenues:

A street, Sixth avenue to Seventh avenue.
 A street, Thirty-eighth avenue to Forty-fourth avenue.
 Anderson street, Cortland avenue to Eugenia avenue.
 Army street, Shotwell to Mission streets.
 Ashbury street, Fulton street to Grove street.
 B street, Thirty-second avenue to Thirty-fourth avenue.
 B street, Thirty-eighth avenue to Forty-fifth avenue.
 Bay View street, Railroad avenue to Latona street.
 Beacon street, Castro street to Harry street.
 C street, Thirty-second avenue to Thirty-fourth avenue.
 Carl street, Willard street to First avenue.
 Carolina street, Seventeenth street to Eighteenth street.
 Castro street, Thirtieth street to Thirty-first street.
 Clayton street, Fulton street to Grove street.
 Clement street, Thirty-third avenue to Thirty-seventh avenue.
 Dame street, Thirtieth street to Randall street.
 Danvers street, Eighteenth street to Corbett avenue.
 De Haro street, Sixteenth street to Mariposa street.
 Dolores street, Twenty-third street to Twenty-fourth street.
 Douglass street, Twentieth street to Twenty-second street.
 Eighteenth avenue, H street to O street.
 Eighth avenue, H street to O street.
 Eleventh avenue, H street to O street.
 Ellis street, Powell street to Stockton street.
 Eugenia avenue, Moultrie street to Ellsworth street.
 Fifteenth avenue, H street to O street.
 Fifth avenue, H street to Serpentine road.
 Filbert street, Stockton street to Montgomery avenue.
 First avenue, Frederick street to Parnassus avenue.
 Florida street, Twenty-fourth street to Twenty-fifth street.
 Fortieth avenue, Point Lobos avenue to Fulton street.
 Forty-fourth avenue, A street to C street.
 Forty-second avenue, Point Lobos avenue to B street.
 Forty-third avenue, Point Lobos avenue to B street.
 Fourteenth avenue, H street to O street.

Fourth avenue, H street to K street.
Fourth street, Townsend street to King street.
Fourth street, Berry street to Channel street.
Fulton street, Central avenue to Clayton street.
Fulton street, Thirty-fifth avenue to Fortieth avenue.
Gladys street, Santa Marina street to West avenue.
Green street, Jones street to Taylor street.
Greenwich street, Stockton street to Gaven place.
Greenwich street, Laguna street to Buchanan street.
H street, First avenue to Thirtieth avenue.
Harrison street, Essex street to Third street.
Hattie street, Eighteenth street to Corbett avenue.
Hawthorne street, Harrison street to Folsom street.
Hugo street, First avenue to Seventh avenue.
I street, First avenue to Thirtieth avenue.
J street, Fifth avenue to Thirtieth avenue.
Jersey street, Sanchez street to Church street.
K street, Fourth avenue to Thirtieth avenue.
L street, Serpentine road to Twentieth avenue.
M street, Serpentine road to Twentieth avenue.
Mariposa street, De Haro street to Wisconsin street.
Masonic avenue, McAllister street to Grove street.
Merritt street, Hattie street to Danvers street.
Mission street, Second street to Fourth street.
Mission street, Twenty-second street to Twenty-third street.
Mission street, Army street to Serpentine avenue.
Mississippi street, Sixteenth street to Seventeenth street.
Montgomery avenue, Washington street to Jackson street.
Montgomery street, Washington street to Jackson street.
N street, Serpentine road to Twentieth avenue.
Nineteenth avenue, H street to O street.
Ninth avenue, H street to O street.
North Point street, Polk street to Van Ness avenue.
O street, Eighth avenue to Twentieth avenue.
O'Farrell street, Broderick street to St. Joseph's avenue.
Parker avenue, Fulton street to Turk street.
Parnassus avenue, Willard to Fifth avenue.
Piedmont street, De Long avenue to Ashbury street.
Powell street, Filbert street to Greenwich street.
Railroad avenue, Eighteenth avenue South to Nineteenth avenue South.
Rhode Island street, Fifteenth street to Seventeenth street.
St. Joseph's avenue, Ellis street to Geary street.
Second avenue, H street to Parnassus avenue.
Serpentine road, K street to San Miguel Ranch line.
Seventeenth avenue, H street to O street.
Seventeenth street, Rhode Island street to Carolina street.
Seventeenth street, Belvedere street to Shrader street.
Seventh avenue, H street to Serpentine road.
Sixteenth avenue, H street to O street.
Sixteenth street, Kansas street to De Haro street.
Sixteenth street, York street to Bryant street.
Sixteenth street, Castro street to Flint street.
Sixth avenue, H street to Serpentine road.
Stanley place, Harrison street to point 100 feet southeasterly.
Stanyan and Eighteenth streets
States street, Castro street to point 1,250 feet westerly.
Steiner street, Geary street to O'Farrell street,

Tenth avenue, H street to O street.
 Third avenue, H street to Parnassus avenue.
 Third street, Market street to Howard street.
 Thirteenth avenue, H street to O street.
 Thirtieth avenue, H street to K street.
 Thirtieth street, Diamond street to Douglass street.
 Thirty-eighth avenue, C street to Fulton street.
 Thirty-fifth avenue, Point Lobos avenue to Clement street.
 Thirty-fourth avenue, Point Lobos avenue to Clement street.
 Thirty-ninth avenue, Point Lobos avenue to Fulton street.
 Thirty-seventh avenue, C street to Fulton street.
 Thirty-sixth avenue, Clement street to Point Lobos avenue
 Thirty-sixth avenue, C street to Fulton street.
 Thirty-third avenue, A street to Fulton street
 Twelfth avenue, H street to O street.
 Twentieth avenue, H street to L street.
 Twenty-eighth avenue, H street to K street.
 Twenty-fifth avenue, California street to Clement street.
 Twenty-fifth avenue, H street to K street.
 Twenty-first avenue, H street to K street.
 Twenty-first street, Eureka street to Worth street.
 Twenty-fourth avenue, H street to K street.
 Twenty-ninth avenue, H street to K street.
 Twenty-second avenue, Lake street to point 350 feet northerly.
 Twenty-second avenue, H street to K street.
 Twenty-seventh avenue, H street to K street.
 Twenty-eighth avenue, H street to K street.
 Twenty-third avenue, C street to Fulton street.
 Twenty-third avenue, H street to K street.
 Van Ness avenue, Bay street to Beach street.
 Vassar place, Harrison street to southeasterly termination.
 Vicksburg street, Twenty-fourth street to Twenty-fifth street.

The following tabulated statements give the location and a brief description of the work done under public contract (paid for by the City), public contract (assessment, paid for by the property owner) and private contract (paid for by the property owner) during the fiscal year 1907-1908:

STATEMENT OF STREETS IMPROVED DURING 1907-1908, GIVING CHARACTER OF IMPROVEMENTS AND CLASSIFICATION AS TO MANNER IN WHICH PAYMENT FOR SAME WAS MADE.

(a) PUBLIC CONTRACTS PAID FOR BY THE CITY AND COUNTY.
(Not including work done in front of City property.)

Street.	From or Crossing.	To.	Description of Work.
Bartlett Alley.....	Jackson street.....	Pacific street.....	Granite curbs and asphalt pavement.
Beale.....	Market street.....	Mission street.....	12-inch ironstone pipe sewer and 4 manholes.
Drum.....	California street.....	Commercial street..	8-inch, 21-inch, and 24-inch ironstone pipe sewers, 8 manholes and 2 junctions.
Fillmore.....	Fulton street.....	Sacramento street..	Granite curbs and asphalt pavement.
First.....	Market street.....	Mission street.....	12-inch, 15-inch and 18-inch ironstone pipe sewers and 6 manholes.
Fourth.....	Howard street.....	Freelon street.....	Granite curbs and basalt block pavement.
Fremont.....	Mission street.....	Market street.....	12-inch iron-stone pipe sewer, 2 manholes.
Harrison.....	Fourth street.....	Sixth street.....	Granite curbs and asphalt pavement.
Howard.....	17th street.....	18th street.....	Granite curbs and asphalt pavement.
Main.....	Market street.....	Mission street.....	10-inch and 12-inch ironstone pipe sewers and 1 manhole.
Mission.....	Sixth street.....	Ninth street.....	Granite curbs, basalt block gutters and asphalt pavement.
Ninth.....	20th street.....	Army street.....	Granite curbs, basalt block gutters and asphalt pavement.
Pine.....	Bryant street.....	Brannan street.....	8-inch and 10-inch ironstone pipe sewers, 2 manholes and cesspools.
Seventh.....	Battery street.....	Davis street.....	10-inch and 18-inch ironstone pipe sewer, manholes and cesspools.
Steuart.....	Market street.....	Mission street.....	Granite curbs and basalt block pavement.
Steuart.....	Mission street.....	Market street.....	8-inch, 12-inch and 24-inch pipe sewers and 2 manholes.
Stevenson.....	Seventh street.....	Howard street.....	12-inch pipe sewer and 2 manholes.
		Point 525 ft. south-westerly.....	10-inch and 15-inch pipe sewers and 2 manholes.

(b) PUBLIC CONTRACTS PAID FOR BY PROPERTY OWNERS.
(Including the City and County.)

Street.	From or Crossing.	To.	Description of Work.
Arkansas.....	20th street.....	22d street.....	8-inch and 12-inch ironstone pipe sewers, 2 catchbasins, culverts and four manholes.
Ashbury.....	Hayes street.....	.....	Bituminous rock pavement, granite curbs, artificial stone sidewalks. 2 catch basins and culverts
B.....	49th avenue.....	.....	Macadamize roadway, granite curbs, artificial stone sidewalks.
Brazil.....	Vienna street.....	.....	8-inch and 12-inch ironstone pipe sewers, 3 catchbasins, 1 man-hole and culverts.
Broderick.....	Garden avenue.....	.....	Bituminous rock pavement, granite curbs.
Bryant.....	23d street.....	24th street.....	Artificial stone sidewalk.
C.....	47th avenue.....	.....	Macadamize roadway and relay granite curbs.
California.....	First avenue.....	2d avenue.....	Artificial stone sidewalk.
California.....	16th avenue.....	.....	8-inch and 18-inch sewers, culverts, 1 manhole and 3 stormwater inlets.
California.....	18th avenue.....	.....	4 catchbasins, culverts, manhole, 15-inch, 8-inch and 24-inch sewers.
California.....	26th avenue.....	.....	Macadam, curbs, artificial stone sidewalks, 4 catchbasins, culverts, 8-inch sewer.
Carl.....	Stanyan street.....	Willard street.....	Artificial stone sidewalks.
Carolina.....	16th street.....	17th street.....	8-inch and 12-inch ironstone pipe sewers, Y's, 3 manholes.
Clement.....	7th avenue.....	.....	Bituminous rock pavement, granite curbs, artificial stone sidewalks, 2 catchbasins, culverts.
Clement.....	Eighth avenue.....	.....	Bituminous rock pavement, granite curbs, artificial stone sidewalks, 4 catchbasins, culverts.
Cole.....	Hayes street.....	.....	Bituminous rock pavement and artificial stone sidewalks.
Congress.....	Masonic avenue.....	Buena Vista avenue.....	Grading.
De Haro.....	16th street.....	17th street.....	12-inch sewer, Y's, 2 manholes, 4 catchbasins and culverts.
Diamond.....	24th street.....	.....	Bituminous rock pavement, granite curbs and 4 catchbasins re-built.
Dolores.....	Market street.....	15th street.....	Granite curbs and artificial stone sidewalks.
Dolores.....	24th street.....	.....	Bituminous rock pavement.
Duncan.....	Guerrero street.....	Dolores street.....	Bituminous rock pavement and granite curbs.
Edinburgh.....	Excelsior street.....	.....	8-inch, 12-inch and 15-inch ironstone pipe sewers, 3 catchbasins.
Fair Oaks.....	24th street.....	26th street.....	Artificial stone sidewalks.
Filbert.....	Baker street.....	Broderick street.....	Artificial stone sidewalks.
Forty-eighth Ave.....	J street.....	K street.....	Grading, macadamized roadway, sidewalks, granite curbs.
Green.....	Scott street.....	Pierce street.....	Artificial stone sidewalks.
Greenwich.....	Polk street.....	Larkin street.....	Granite curbs and artificial stone sidewalks.

H	First avenue..... Int. 1st avenue..... Int. 1st avenue..... 16th avenue.....	Second avenue..... and Frederick..... 17th avenue.....	12-inch ironstone pipe sewer, Y branches and 1 manhole.
I	.....	.....	Grade, macadamize roadway and sidewalks and redwood curbs, 8-inch and 12-inch ironstone pipe sewers, Y branches, 3 catch-basins, culverts, 2 manholes.
J	20th avenue..... 9th avenue.....	.....	8-inch and 12-inch pipe sewers and 1 manhole
J	.....	.....	Bituminous rock pavement, granite curbs, artificial stone side-walks, 3 catchbasins.
K	10th avenue..... 10th avenue.....	.....	Bituminous rock pavement, granite curbs, artificial stone side-walks, 3 catchbasins and culverts.
Lombard	Polk street.....	.....	Bituminous rock pavement, granite curbs, artificial stone side-walks, 3 catchbasins and culverts.
Ninth Ave.	L. street.....	.....	Artificial stone sidewalks, granite curbs and bituminous rock pavement.
Ninth avenue.....	M street.....	.....	Granite curbs and bituminous rock pavement.
Nineteenth avenue.....	Lake street.....	Northerly 150 feet..	12-inch ironstone pipe sewer, Y branches and 1 manhole.
Noe	21st street.....	.....	8-inch and 12-inch ironstone pipe sewers, 2 catchbasins, culverts and 1 manhole.
Noe	Day street.....	30th street.....	15-inch sewer and Y's, also 2 manholes.
North	Taylor street.....	Jones street.....	24-inch ironstone pipe sewer, Y branches, and 2 manholes.
North Point	California street.....	Euclid avenue.....	Artificial stone sidewalks.
Palm avenue	Precita avenue.....	Folsom street.....	Bituminous rock pavement and granite curbs.
Precita avenue	Price Row.....	137' 6" southerly..	8-inch sewer and Y's, manhole.
Price Row	Union street.....	.....	Bituminous rock pavement, granite curbs, artificial stone side-walks, 12-inch ironstone pipe sewer, 2 catchbasins, 1 manhole
San Jose avenue	Alvarado street.....	.....	and culverts.
Scott	Grove street.....	Hayes street.....	Granite curbs and artificial stone sidewalks.
Second ave	California street.....	Lake street.....	Artificial stone sidewalks.
Second avenue	Fulton street.....	C street.....	Bituminous rock pavement and granite curbs.
Seventh avenue	Fulton street.....	C street.....	Artificial stone sidewalks.
Seventeenth	Connecticut street.....	.....	12-inch and 15-inch ironstone pipe sewers, Y branches, 3 catch-basins, culverts and 3 manholes.
Seventeenth	Connecticut street.....	Arkansas.....	.....
Seventeenth	Arkansas street.....	.....	.....
Arkansas	17th street.....	.....	.....
Arkansas	17th street.....	Mariposa street.....	Artificial stone sidewalks.
Sixteenth	Noe street.....	Sanchez street.....	Grading.
Sixteenth avenue	California street.....	Clement Street.....	8-inch and 12-inch ironstone pipe sewers, Y branches, 3 catch-basin, 3 manholes and culverts.
Sixteenth avenue	H street.....	I street.....	.....
Texas	Mariposa street.....	17th street.....	8-inch ironstone pipe sewer, Y branches, 2 manholes and 1 lamp-hole.

(b) PUBLIC CONTRACTS PAID FOR BY PROPERTY OWNERS—Continued.
(Including the City and County.)

Street.	From or Crossing.	To.	Description of Work.
Treat avenue.....	Point 450' south- erly from Precita avenue.....	Point 650 ft. southerly from Pre- cita avenue.....	12-inch ironstone pipe sewer and 2 manholes.
Turk.....	Broderick street....	Baker street.....	8-inch and 12-inch ironstone pipe sewers, Y branches, 1 catch- basin, 3 manholes and culverts.
Twenty-fifth street..	Church street.....	Sanchez street.....	Bituminous rock pavement, granite curb, 2 catchbasins, culverts and 1 manhole.
Twenty-first avenue.	Lake street.....	Northerly.....	8-inch ironstone pipe sewer, Y branches, and 1 manhole.
Twenty-sixth street..	Bryant street.....	.....	Bituminous rock pavement, relay granite curbs, 3 catchbasins re- built.

(c) PRIVATE CONTRACTS PAID FOR BY PROPERTY OWNERS.
(Including the City and County.)

Street.	From or Crossing.	To.	Description of Work.
Arkansas.....	16th street.....	17th street.....	12-inch ironstone pipe sewer, Y branches and 2 manholes.
Alma.....	Shrader street.....	Stanyan street.....	Bituminous rock pavement and granite curbs.
Alma.....	Stanyan street.....	Pope and Talbot Tract.....	8-inch ironstone pipe sewer, Y branches and 1 manhole.
A.....	8th avenue.....	9th avenue.....	8-inch ironstone pipe sewer, hole.
Alpine.....	Duboce avenue.....	243' northerly.....	Bituminous rock pavement and granite curbs.
A.....	9th avenue.....	10th avenue.....	8-inch ironstone pipe sewer, Y branches and 1 manhole.
A.....	25th avenue.....	26th avenue.....	Macadamized roadway, sidewalks and curb.
Anderson.....	Crescent street.....	Old Hickory.....	15-inch ironstone pipe sewer, Y branches and 1 manhole.
A.....	38th avenue.....	40th avenue.....	Macadamized roadway and sidewalks and redwood curbs.
Anderson.....	Old Hickory.....	Union avenue.....	12-inch and 15-inch ironstone pipe sewers, Y branches, 2 man- holes and 1 lamphole.

Belvedere	Rivoli street	17th street	Bituminous rock pavement with basalt block strip and granite curbs.
Belvedere	Rivoli street	Alma	Bituminous rock pavement with basalt block strip and granite curbs.
Broderick	Lombard street	Greenwich street	Bituminous rock pavement with basalt block strip and granite curbs.
Broderick	Union street	Belvedere street	Bituminous rock pavement with basalt block strip and granite curbs.
Broderick	17th street	Carmel street	Bituminous rock pavement with basalt block strip and granite curbs.
Broderick	Eddy street	Ellis street	Bituminous rock pavement with basalt block strip and granite curbs.
Baker	Turk street	Crossing	8-inch and 12-inch pipe sewers, 1 manhole and culverts
Bay View	Latonia street	Railroad avenue	12-inch and 15-inch ironstone pipe sewers, 2 catchbasins, 2 manholes and culverts
Bay View	Pomona estate	Latonia E. line	12-inch ironstone pipe sewer, 2 catchbasins, 3 manholes and culverts
Bay View	Flora street	Pomona E. line	12-inch and 15-inch ironstone pipe sewers, 2 catchbasins, 3 manholes and culverts
Bay View	Flora street	N street South	12-inch ironstone pipe sewer, 2 catchbasins, 3 manholes and culverts
Brazil avenue	Athens street	Vienna street	8-inch ironstone pipe sewer, Y branches and 1 manhole.
Connecticut	16th street	17th street	12-inch ironstone pipe sewer, Y branches and 2 manholes.
Connecticut	16th street	Crossing	12-inch and 18-inch ironstone pipe sewers and 1 manhole.
Cole	Alma avenue	Rivoli street	Bituminous rock pavement, basalt block pavement and granite curbs.
Cole	Rivoli street	17th street	Bituminous rock pavement with basalt block strip and granite curbs.
Commonwealth	Euclid avenue	California street	Bituminous rock pavement and granite curbs
Commonwealth	Pt. Lobos avenue	Euclid avenue	Bituminous rock pavement and granite curbs
Commonwealth	Euclid avenue	Crossing	Bituminous rock pavement, granite curbs and 4 catchbasins.
Cole	17th street	Crossing	Bituminous rock pavement and granite curbs.
Carmel	Shrader street	Cole street	Bituminous rock pavement and granite curbs.
Cole	Carmel street	S. Pope and Talbot Tract	Bituminous rock pavement with basalt block strip and granite curbs.
Cole	Carmel street	17th street	Bituminous rock pavement with basalt block strip and granite curbs.
California	6th avenue	7th avenue	Bituminous rock pavement with granite curbs.
Carmel	Ashbury street	Belvedere street	Bituminous rock pavement with basalt block strip and granite curbs.
Carmel	Belvedere street	Cole street	Bituminous rock pavement with basalt block strip and granite curbs.
Cole	8th avenue	9th avenue	Bituminous rock pavement with granite curbs.
Cole	Carl street	Parnassus avenue	Bituminous rock pavement, granite curbs, 8-inch and 10-inch pipe sewers, 4 catchbasins, 1 manhole
California	9th avenue	10th avenue	8-inch ironstone pipe sewer, Y branches and 1 manhole.
California	22d avenue	23d avenue	8-inch ironstone pipe sewer and 1 manhole.
California	25th avenue	26th avenue	Macadamized roadway and sidewalks and redwood curbs.
Carolina	18th street	19th street	8-inch and 12-inch ironstone pipe sewers, Y branches, 3 catchbasins, 4 manholes and culverts.
Collingwood	20th street	Crossing	Bituminous rock pavement and granite curbs.
Dolores	17th street	17th street	Bituminous rock pavement and granite curbs.
Dolores	15th street	16th street	Bituminous rock pavement and granite curbs.
Diamond	Diamond	18th street	Bituminous rock pavement with basalt block strip and granite curbs.
Dame	30th street	Randall street	Bituminous rock pavement with basalt block strip and granite curbs.
Eighteenth	Harrison street	Division street	Bituminous rock pavement and granite curbs.

(c) PRIVATE CONTRACTS PAID FOR BY PROPERTY OWNERS—Continued.
(Including the City and County.)

Street.	From or Crossing.	To.	Description of Work.
Euclid avenue.....	Palm avenue.....	Crossing.....	Bituminous rock pavement, granite curbs, 4 catchbasins and culverts.
Euclid avenue.....	First avenue.....	Palm avenue.....	Bituminous rock pavement and granite curbs.
Euclid avenue.....	Jordan avenue.....	Palm avenue.....	Bituminous rock pavement and granite curbs.
Euclid avenue.....	Jordan avenue.....	Commonwealth ave.....	Bituminous rock pavement and granite curbs.
Euclid avenue.....	Parker avenue.....	Commonwealth ave.....	Bituminous rock pavement and granite curbs.
Eliot Park.....	Steiner street.....	Westerly termination.....	Bituminous rock pavement and granite curbs.
Eighth avenue.....	Pt. Lobos avenue.....	A street.....	Bituminous rock pavement and granite curbs.
Eighth avenue.....	Clement street.....	California street.....	Bituminous rock pavement and granite curbs.
Ellsworth.....	Eugenia avenue.....	Powhattan.....	Bituminous rock pavement and granite curbs.
Ellsworth.....	Crescent.....	Old Hickory avenue.....	12-inch ironstone pipe sewer, Y branches and 4 manholes.
Elizabeth.....	Church street.....	Vicksburg street.....	Bituminous rock pavement and granite curbs.
Ellsworth.....	Old Hickory avenue.....	Union avenue.....	12-inch and 15-inch iron-stone pipe sewers, Y branches, 3 manholes and 1 lamphole.
Forty-seventh.....	J street.....	K street.....	Macadamized roadway and sidewalk and redwood curbs.
Filbert.....	Octavia street.....	Gough street.....	Bituminous rock pavement and granite curbs.
Filbert.....	Gough street.....	Crossing.....	Bituminous rock pavement and granite curbs.
Florida.....	Mariposa street.....	18th street.....	Bituminous rock pavement and granite curbs.
Florida.....	18th street.....	19th street.....	Bituminous rock pavement and granite curbs.
First avenue.....	B and C streets.....	Turk & McAllister.....	Bituminous rock pavement.
Forty-seventh ave.....	K street.....	L street.....	Macadamized roadway, sidewalk and curbs.
Forty-seventh ave.....	I street.....	J street.....	Macadamized roadway, sidewalk and curbs.
Fifteenth avenue.....	H street.....	I street.....	Macadamized roadway and curb.
Fulton.....	35th avenue.....	37th avenue.....	Macadamized roadway, sidewalks and granite curbs.
Fulton.....	8th avenue.....	9th avenue.....	Bituminous rock pavement.
Forty-eighth avenue.....	K street.....	Crossing.....	Macadamized roadway, sidewalks and curbs.
Forty-fifth avenue.....	H street.....	I street.....	Macadamized roadway, sidewalks and curbs.
Fourth avenue.....	A street.....	B street.....	Bituminous rock pavement and granite curbs.
Forty-sixth avenue.....	I street.....	J street.....	Macadamized roadway, sidewalks and redwood curbs.
Forty-ninth avenue.....	Fulton street.....	B street.....	Macadamized roadway and sidewalks and granite curbs.
(E. $\frac{1}{2}$)			
Fifteenth.....	Harrison street.....	Folsom street.....	Bituminous rock pavement and granite curbs.
14th avenue So.....	L street So.....	M street So.....	15-inch ironstone pipe sewer, Y branches and 3 manholes.
Fifth avenue.....	A street.....	B street.....	Bituminous rock pavement and granite curbs.
Godeus.....	California avenue.....	Mission street.....	Bituminous rock pavement and granite curbs.
Gates.....	Eugenia avenue.....	Powhattan street.....	12-inch ironstone pipe sewer, Y branches and 3 manholes.
Hayes.....	Shrader street.....	Stanyan street.....	Bituminous rock pavement and granite curbs.

Hayes.....	Shrader street.....	Crossing.....	Bituminous rock pavement.
Hartford.....	19th street.....	20th street.....	Bituminous rock pavement, basalt block strip and granite curbs.
Hartford.....	19th street.....	Crossing.....	Bituminous rock pavement and granite curbs.
I.....	46th avenue.....	47th avenue.....	Macadamized roadway, sidewalks and curbs.
I.....	47th avenue.....	48th avenue.....	Macadamized roadway, sidewalks and curbs.
I.....	47th avenue.....	46th avenue.....	Macadamized roadway, sidewalks and curbs.
I.....	45th avenue.....	8th avenue.....	8-inch ironstone pipe sewer, Y branches and 1 manhole.
I.....	7th avenue.....	Crossing.....	Macadamized roadway and sidewalks and redwood curbs.
I.....	17th avenue.....	Crossing.....	Bituminous rock pavement, granite curbs, artificial stone sidewalks and culverts.
I.....	12th avenue.....	Crossing.....	Macadamized roadway and sidewalks and redwood curbs.
J street.....	16th avenue.....	Crossing.....	Bituminous rock pavement.
Jersey.....	Noe street.....	Crossing.....	Bituminous rock pavement and granite curbs.
K.....	6th avenue.....	7th avenue.....	Bituminous rock pavement and granite curbs.
K.....	47th avenue.....	48th avenue.....	Macadamized roadway, sidewalks and granite curbs.
K.....	48th avenue.....	49th avenue.....	Macadamized roadway, sidewalks and curbs.
K.....	48th avenue.....	12th avenue.....	Macadamized roadway and sidewalks and redwood curbs.
K.....	11th avenue.....	12th avenue.....	Bituminous rock pavement and granite curbs.
Lake.....	11th avenue.....	Russia avenue.....	8-inch ironstone pipe sewer, Y branches and 2 manholes.
Lake.....	Persia avenue.....	27th avenue.....	8-inch ironstone pipe sewer, Y branches and 1 manhole.
Lake.....	26th avenue.....	26th avenue.....	12-inch ironstone pipe sewer, Y branches, 2 catchbasins, 1 manhole and culverts.
Lake.....	25th avenue.....	Crossing.....	8-inch and 12-inch ironstone pipe sewer, 2 catchbasins, 1 manhole and culvert.
Lake.....	26th avenue.....	Washington street.....	Bituminous rock pavement with basalt block strip and granite curbs.
Maple.....	Jackson street.....	17th street.....	Bituminous rock pavement and granite curbs.
Mississippi.....	7th street.....	Sacramento street.....	Bituminous rock pavement and granite curbs.
Mississippi.....	California street.....	11th avenue.....	8-inch ironstone pipe sewer, Y branches and 2 manholes.
M.....	10th avenue.....	Russia avenue.....	8-inch ironstone pipe sewer, Y branches and 3 manholes.
Moscow.....	Persia avenue.....	Old Hickory street.....	12-inch ironstone pipe sewer, Y branches and 1 manhole.
Moultrie.....	Crescent avenue.....	Willard street.....	Bituminous rock pavement, granite curbs and relaying old curb.
McAllister.....	N. Stanyan street.....	J street.....	8-inch ironstone pipe sewer, Y branches and 2 manholes.
Nineteenth avenue.....	I street.....	K street.....	Bituminous rock pavement and granite curbs.
Ninth avenue.....	J street.....	J street.....	Bituminous rock pavement and granite curbs.
Ninth avenue.....	I street.....	Bennington street.....	12-inch ironstone pipe sewer, Y branches, 2 manholes and 1 lamp-hole.
Newman.....	Andover avenue.....	Noe street.....	Bituminous rock pavement and granite curbs.
Nineteenth.....	Hartford street.....	Jersey street.....	Bituminous rock pavement and granite curbs.
Noe.....	24th street.....	25th street.....	Bituminous rock pavement with basalt block strip and granite curbs.
Noe.....	Jersey street.....	Diamond street.....	Bituminous rock and basalt block pavements and granite curbs.
Nineteenth.....	Fureka street.....	Fuelid avenue.....	Bituminous rock pavement, granite curbs and 1 manhole.
Palm avenue.....	California street.....	433 ft. Northerly.....	Bituminous rock pavement, granite curbs
Palm avenue.....	Pt. Lobos avenue.....	Crossing.....	12-inch iron-stone pipe sewer, Y branches and 3 manholes.
Pennsylvania ave.....	22d street.....	22d N'y 125 ft.....	12-inch ironstone pipe sewer and 1 manhole.
Pennsylvania ave.....	22d street.....	Cook street.....	12-inch ironstone pipe sewer.
Pennsylvania ave.....	From 433 ft. N'y.....		Bituminous rock pavement and granite curbs.
Pt. Lobos avenue.....	Boyce street.....		

(c) PRIVATE CONTRACTS PAID FOR BY PROPERTY OWNERS—Continued.
(Including the City and County.)

Street.	From or Crossing.	To.	Description of Work.
Piedmont.	Ashbury-Do Long.	Masonic avenue.	Bituminous rock pavement with basalt block strip and granite curbs.
Richland avenue.	South avenue.	Holly street.	Bituminous rock pavement and granite curbs.
Rivoli.	Cole street.	Crossing.	Bituminous rock pavement and granite curbs.
Rivoli.	Belvedere street.	Crossing.	Bituminous rock pavement and granite curbs.
Rivoli.	Shrader street.	Crossing.	Bituminous rock pavement, catchbasin and culvert.
Rivoli.	Shrader street.	Stanyan street.	Bituminous rock pavement with basalt block strip and granite curbs.
Sixteenth.	Texas street.	50 ft. west.	15-inch ironstone pipe sewer.
Sixteenth.	Texas street.	Crossing.	10-inch and 15-inch ironstone pipe sewer and 1 manhole.
Sixth avenue.	J street.	K street.	Bituminous rock pavement and granite curbs.
Sixth avenue.	C street.	Fulton street.	Bituminous rock pavement and granite curbs.
Seventeenth.	Cole street.	Shrader street.	Bituminous rock pavement and granite curbs.
Sanchez.	Army street.	27th street.	Bituminous rock pavement and granite curbs.
Seventh avenue.	A street.	B street.	Bituminous rock pavement and granite curbs.
Seventeenth.	Belvedere street.	Ashbury street.	Basalt block pavement and gutters and granite curb.
Shrader.	Alma avenue.	Rivoli avenue.	Bituminous rock pavement with basalt block strip and granite curbs.
Shrader.	Rivoli avenue.	17th street.	Bituminous rock pavement with basalt block strip and granite curbs.
Seventeenth.	Shrader street.	Stanyan street.	Bituminous rock pavement and granite curbs.
Shrader.	Carmel street.	S. Pope Tract.	Bituminous rock pavement with basalt block strip and granite curbs.
Shrader.	17th street.	Carmel street.	Bituminous rock pavement with basalt block strip and granite curbs.
Seventh avenue.	California street.	Clement street.	Bituminous rock pavement and granite curbs.
Sixth avenue.	A street.	B street.	Bituminous rock pavement and granite curbs.
Sixteenth avenue.	California street.	Clement street.	8-inch pipe sewer Y branches and 1 manhole.
Sixteenth avenue.	I street.	Crossing.	Macadamized roadway sidewalks and redwood curbs.
Seventeenth avenue.	Lake street.	150 ft. S. of N. line.	8-inch ironstone pipe sewer, Y branches and 1 manhole.
Second ave.	Pt Lobos avenue.	Clement street.	Bituminous rock pavement.
Sixteenth.	Harrison street.	Kansas street.	Bituminous rock pavement and granite curbs.
Texas.	Sixteenth street.	Seventeenth street.	10-inch ironstone pipe sewer, Y branches and 2 manholes.
Treat avenue.	18th street.	19th street.	Bituminous rock pavement and granite curbs.
Treat avenue.	Nineteenth street.	20th street.	Bituminous rock pavement and granite curbs.
Twenty-sixth.	Church street.	Sanchez street.	Bituminous rock pavement with basalt block strip and granite curbs.
Treat avenue.	18th street.	19th street.	Bituminous rock pavement.
Twenty-eighth.	Church street.	Sanchez street.	Bituminous rock pavement and granite curbs.
Twenty-fourth ave.	Pt. Lobos avenue.	Clement street.	8-inch ironstone pipe sewer, Y branches and 2 manholes.
Third avenue.	B street.	C street.	Bituminous rock pavement and granite curbs.
Twenty-fifth.	Castro street.	Noe street.	Bituminous rock pavement and granite curbs.
Twenty-fourth ave.	California street.	Clement street.	8-inch and 12-inch ironstone pipe sewer Y branches and 2 manholes.

Twenty-fifth ave.....	Clement street.....	California street.....	Macadamized roadway, sidewalks and curbs, 8-inch ironstone pipe sewer and 2 manholes.
Thirty-sixth ave.....	Fulton street.....	C street.....	Macadamized roadway, sidewalks and curbs.
Twenty-sixth ave.....	California street.....	Clement street.....	8-inch ironstone pipe sewer, Y branches, 2 manholes, macadamized roadway, sidewalks and curbs.
Twenty-second ave.....	Pt. Lobos avenue.....	A street.....	8-inch ironstone pipe sewer, Y branches and 2 manholes.
Twenty-second street.....	Pennsylvania ave.....	79 ft. Easterly.....	12-inch ironstone pipe sewer and Y branches.
Twenty-second street.....	Iowa street.....	Crossing.....	12-inch ironstone pipe sewer.
Twentieth avenue.....	Lake street.....	Indiana street.....	8-inch ironstone pipe sewer and 1 manhole.
Third avenue.....	Pt. Lobos avenue.....	150 ft. Northerly.....	Bituminous rock pavement and granite curbs.
Twelfth avenue.....	J street.....	A street.....	Macadamized roadway and sidewalks and redwood curbs.
Twenty-eighth.....	Dolores street.....	K street.....	Bituminous rock pavement and granite curbs.
Twentieth.....	Collingwood street.....	Guerrero street.....	Basalt block pavement and gutters and granite curbs.
Twenty-second.....	Noe street.....	Castro street.....	Bituminous rock pavement with basalt block strip and granite curbs.
Twentieth.....	Collingwood street.....	Diamond street.....	Macadamized roadway and sidewalks, redwood curbs, 8-inch pipe sewer, Y branches and 2 manholes.
Twenty-seventh ave.....	Pt. Lobos ave.....	A street.....	Macadamized roadway and sidewalks and redwood curbs.
Twenty-second ave.....	Pt. Lobos avenue.....	A street.....	Bituminous rock pavement and granite curbs.
Valley.....	Dolores street.....	San Jose avenue.....	Bituminous rock pavement and granite curbs.
Valley.....	San Jose avenue.....	Dolores street.....	Bituminous rock pavement and granite curbs.
Vienna.....	Brazil avenue.....	Excelsior avenue.....	8-inch ironstone pipe sewer, Y branches and 2 manholes.
Vermont.....	23d street.....	24th street.....	Bituminous rock pavement and granite curbs.
West Mission.....	12th street.....	13th street.....	Bituminous rock pavement, granite curbs, new and redressed.

Street improvements have been completed under the direction and supervision of this office, costing \$929,314.27
The quantity and cost of the various classes of these street improvements are as shown in the following tabulated statement.

Respectfully submitted,

MARSDEN MANSON, City Engineer.

TABULATED STATEMENT OF STREET IMPROVEMENTS MADE DURING THE
AND SHOW

CHARACTER OF WORK	Paid for by the City and County			Paid for by Property Owners (Public Contract)		
	Quantity		Cost	Quantity		Cost
	Lin. Ft.	Sq. Ft.		Lin. Ft.	Sq. Ft.	
Pavements (New).						
Asphalt with binder course..		284,728.80	\$ 63,776.96			
Bituminous rock on concrete (no binder).....		18,172.80	3,634.56	81,655.52		\$22,500.05
Bituminous rock with 14 ft. basalt strip—						
Bituminous rock.....						
Basalt blocks.....						
Basalt blocks on sand (gravel grouting).....		29,511.	2,932.19			
Basalt blocks on concrete (asphalt grouting).....		123,269.	63,827.68			
Basalt blocks on sand.....						
Macadam				25,610.40		1,735.26
Pavements Laid on Approaches.						
Bituminous rock on concrete (no binder).....		273.	38.22			
Basalt blocks on concrete (asphalt grouting).....		3,337.	226.98			
Curbs.						
Granite on concrete (new)..	10,550.80		16,580.35	4,015.63		5,783.14
Granite on concrete (re-dressed)	7,343.25		3,843.44			
Granite on concrete (old)..	1,103.5		570.55	112.9		35.72
Granite on sand (new).....	38.6		4.61			
Granite on sand (old).....	5.		0.55			
Redwood				480.00		144.00
Gutters.						
Basalt block (on concrete)..		53,870.70	25,227.93			
Basalt block (on sand).....						
Rock						
Crosswalks.						
Granite on concrete (new)..	2,281.		4,498.68			
Granite on concrete (re-dressed)	499.		599.11			
Granite on concrete (old)..						
Sidewalks.						
Artificial stone.....					115,033.55	20,117.64
Bituminous rock.....						
Macadam					9,056.70	148.50
Sewers.						
Concrete, reinforced.....	609.		7,308.			
Brick and concrete.....	632.		3,874.17			
Ironstone pipe	6,393.5		23,444.25	7,090.00		19,521.11
Appurtenances to Sewers.						
Junctions	(2)		950.00			
Manholes	(29)		2,120.00	(38)		3,709.00
Cesspools	(85)		7,165.00	(63)		6,865.00
Storm water inlets.....				(3)		411.00
Lamp holes				(3)		95.00
Culverts	1,436.50		1,845.55	2,143		3,500.45
Y Branches	(162)		428.25	(393)		899.76
Side sewer	1,019.		1,154.75			
Under drain	688.88		413.33			
Old sewer removed.....						
Grading.						
Cut (cu. yds.).....		cu. yds.	23.00		cu. yds.	753.50
Fill (cu. yds.).....		4,416.5	2,484.00		4,085.	936.51
					4,339.	
Miscellaneous.						
Brick sewer (re-construction)			1,710.68			
Re-construction			424.00			750.00
Cost			239,106.79			87,905.64
Fees, inspection, etc.....			5,800.00			8,653.50
Total			\$244,906.79			\$96,559.14

REPORT OF CITY ARCHITECT

San Francisco, December 11, 1908.

To the Honorable, the Board of Public Works,
Of the City and County of San Francisco:

Gentlemen: There is submitted herewith for transmission to the office of the Mayor, two copies of the Report upon the work done in the Department of Architecture, from October 23, 1907, until the end of the fiscal year, June 30, 1908.

Yours respectfully,

NEWTON J. THARP, City Architect.

The organization of a Department of Architecture in the Board of Public Works was commenced by the present City Architect upon the date of his appointment, October 23d, 1907. This appointment having been made by the Board of Public Works pursuant to the provisions of Ordinance No. 291, (New Series) of the Board of Supervisors, said Ordinance recommending to the Board of Public Works that a City Architect be appointed at a salary of \$4,000.00 per annum, who should devote his entire time to the design and superintendence of public buildings, with the provision that the Board of Public Works may, at its discretion, call for competitions among architects for the plans and specifications for certain public buildings, said buildings to be erected under the superintendence of the City Architect.

In a general way, Ordinance No. 291 is modeled upon the Tarnsey Act, under which the Supervising Architect of the United States Treasury works. By the terms of this act, the Supervising Architect designs all of the buildings erected for the United States Government, with the exception that, at the discretion of the Supervising Architect, certain monumental buildings are thrown open to competition among architects of the United States, who are chosen for their reputation and fitness to handle the particular class of buildings desired. The superintendence of the erection of all buildings remains, however, with the Supervising Architect.

Procedure under the provisions of the Tarnsey Act has been carried on by the Supervising Architect of the United States Treasury for about fifteen years with excellent results, and there seems to be no reason why the similar system now in use in the Board of Public Works, should not be equally successful. Under the present system it is the intention of the Board of Works to have all of the proposed schools and fire houses designed within the Department of Architecture, but to call for competitions among architects for the larger and more monumental structures, such as the Hall of Justice, City Hall, etc.

Directly previous to the organization of the present Department of Architecture in the Board of Public Works, the architectural work of the Board was being carried on by architects directly appointed by the Board of Supervisors or the Board of Public Works without competition; the construction of the buildings being carried on under the superintendence of a "Supervising Architect" whose services were paid for at the rate of two per cent upon the cost of the structure, but he was not required to give all of his time to the city's work and could engage in private practice as well.

The undesirability of this system lay in the following facts: first, that the direct appointment of an architect by the Board of Public Works to design any particular building lay it open to criticism on the charge of favoritism, whether just or not; second, that the direct appointment of an architect by the Board of Supervisors was illegal, being contrary to the express terms of the Charter; third, that the employment of a "Supervising Architect" to give but an indefinite portion of his time to the city's work, would, by its very nature, lead to unsatisfactory results; fourth, that the city's architectural services were thereby made very expensive, since the so-called "Consulting Architects," who prepared the plans and specifications, were paid three and one-half per cent of the total cost of their work (the usual and proper charge), the "Supervising Architect" two per cent, besides which the expenses of inspection, costing from one to one and one-half per cent were charged to the building, making in all six and one-half to seven per cent for architectural services against the usual charge of five per cent for similar services in private work; fifth, that the lack of a well organized Department of Architecture in the Board of Public Works made it practically impossible for the Board to handle properly and file the documents connected with its building operations so as to make them valuable for present and future use as well as matters of public record.

It is claimed for the present system that all of the foregoing objections will be eliminated. No charge of favoritism can be brought against the Board of Public Works when all plans for public buildings are prepared by its own Architect, duly appointed to give his entire time to the city's affairs, or by a carefully conducted competition; and each building erected under the immediate supervision of its own Architectural Department. The entire cost to the City for architectural services will not be, on an average, over three and one-half per cent for those buildings for which the plans are prepared in the Department of Architecture and not over four and one-half to five per cent for those buildings for which the plans are prepared by an architect selected through competition.

At the time of the appointment of the present City Architect, and the organization of the Department of Architecture, the contracts for the erection of four school houses out of the proceeds of the sale of bonds of the issue of 1903, had been let by the Board of Public Works, and plans prepared for a great many more. The following is a list of the different buildings carried to completion, contracts let on the basis of plans previously prepared, and new buildings started in the Department of Architecture, in the period running from October 23d, 1907, to June 30th, 1908:

BERGEROT SCHOOL.

This building was about 75 per cent completed on November 1st, 1907. The plans and specifications had been prepared by Emil Lemme, Architect. The appropriation for this building out of the bond issue of 1903 was \$39,000. The contract let previous to October, 1907, was to McKillop Bros. for \$37,000. Owing to the high price of labor and material during the early part of 1907, the entire basement finish and yards were left out of the contract. In order to make the building habitable, a further appropriation of \$4,600 was made November 23d, 1907, by the Board of Supervisors. The principle contract with McKillop Bros. was completed February 7th, 1908, and a second contract was let to McSheehy Bros. on March 9th, 1908, for the completion of the basement and other parts of the building for the sum of \$3,890. This contract was completed June 19th, 1908, and the building occupied shortly thereafter.

OCEANSIDE SCHOOL.

This building was about 75 per cent completed on November 1st, 1907. The appropriation for this building out of the bond issue of 1903, was \$39,000. The plans had been prepared by Lionel Deane, Architect. The contract let previous to October, 1907, to Alsup & Finlayson was for \$36,400. Owing to the high price of labor and materials during the early part of 1907, a great part of the basement finish and the entire finish of the second story was left out of the contract. In order to make the building useful and habitable, a further appropriation of \$11,000 was made November 25th, 1907, by the Board of Supervisors. The principle contract with Alsup & Finlayson was completed February 7th, 1908, and a second contract was let to McSheehy Bros. on March 9th, 1908, for the completion of the above mentioned uncompleted portion of the building for the sum of \$7,954 dollars. This contract was completed May 22d, 1908, and the building occupied shortly thereafter.

GLEN PARK SCHOOL.

This building was about 75 per cent completed on November 1st, 1907, from plans and specifications furnished by Havens & Toepke, Architects. The appropriation out of the bond issue of 1903 was \$45,000. The contract let

previous to October, 1907, to the Standard Building Co., was for \$42,500. Owing to the high price of labor and materials during the early part of 1907, a great part of the basement finish and a portion of the plumbing was left out of the contract. In order to make the building useful and habitable, a further appropriation of \$6,000 was made November 25th, 1907, by the Board of Supervisors. The principle contract with the Standard Building Co. was completed February 7th, 1908, and a second contract was let to McSheehy Bros. on March 9th, 1908, for the completion of the above mentioned uncompleted portions of the building for the sum of \$4,679. This contract was completed June 19th, 1908, and the building occupied shortly thereafter.

BAY VIEW SCHOOL.

The contract for this building had been let just previous to November 1st, 1907. Therefore no work had been done upon the site at the time of the appointment of the present City Architect. The plans and specifications had been prepared by Stone & Smith, Architects. The appropriation out of the bond issue of 1903 was \$119,000. The contract let to the Childs, Arlett Co. was for \$98,804. Owing to the high price of labor and materials during the early part of 1907, a part of the basement finish and the heating and ventilating plant had been left out of the contract. Accordingly, on March 29th, 1908, a contract was let to the Robert Dalziel, Jr., Co. for the heating and ventilating plant for the sum of \$8,647. This plant was designed by the Department of Architecture and will be complete in every particular. Later it was decided to use oil for fuel instead of coal, therefore a contract was let on May 21st, 1908, to Dietert & Swenson, for an oil plant and water tank with automatic motor pump and cistern for the sum of \$3,188. This water tank and motor pump was made necessary on account of the fact that the water rose only to the level of the lower corner of the lot, where a storage cistern was sunk as a reserve supply for the tank on the roof. On June 30th, 1908, this building was, on the whole, about 85 per cent completed.

OTHER SCHOOLS OF THE BOND ISSUE OF 1903.

The following seven schools had been designed by architects appointed by a previous Board of Supervisors, prior to the organization of the Bureau of Architecture by the present City Architect. As their plans were acceptable to the Board of Education, they were turned over to the Board of Public Works during the early part of 1908 for the letting of contracts. Owing to the high price of labor and of materials that existed while these plans were being made, they were drawn without heating and ventilating systems, and an entire absence of yard work. As a proper heating and ventilating system is absolutely essential to a modern school, plans for the proper installation of such systems were prepared for each of the schools in accordance with the modern practice by the Department of Architecture. The yards and fences will be taken up later.

MONROE SCHOOL.

Architects, W. D. Shea Co.

Appropriation, \$81,000.

General contract, Wm. A. Newsom, February 14th, 1908, for the sum of \$57,000.

Heating and ventilating contract, John G. Sutton Co., May 15th, 1908; \$10,340.

BOARD OF PUBLIC WORKS

LAGUNA HONDA SCHOOL.

Architects, W. D. Shea Co.

Appropriation, \$81,000.

General contract, F. H. Born, February 14th, 1908, for the sum of \$57,612.

Heating and ventilating contract, John G. Sutton Co., May 15th, 1908; \$10,740.

WINFIELD SCOTT SCHOOL.

Architect, Oscar Haupt.

Appropriation, \$39,000.

General contract, Lange & Bergstrom, February 7th, 1908, for the sum of \$27,722.

Moving old school building contract, Lange & Bergstrom, March 16th, 1908; \$1,675.

Heating and ventilating contract, Cronan's Eagle Cornice Works, April 14th, 1908; \$5,892.

WASHINGTON GRAMMAR SCHOOL.

Architects, W. D. Shea Co.

Appropriation, \$119,000.

General contract, Condon, McGlynn Co., February 13th, 1908, for the sum of \$69,750.

Heating and ventilating contract, Abrahamson & de Gear, April 30th, 1908; \$10,000.

GOLDEN GATE SCHOOL.

Architects, Salfeld & Kohlberg.

Appropriation, \$81,000.

General contract, Condon, McGlynn Co., March 10th, 1908, for the sum of \$42,000.

Moving old school building contract, E. T. Pearson, March 4th, 1908; \$1,125.

Heating and ventilating contract, Cronan's Eagle Cornice Works, June 17th, 1908; \$10,460.

SUNNYSIDE SCHOOL.

Architects, Stone & Smith.

Appropriation, \$54,000.

General contract, Condon, McGlynn Co., February 6th, 1908, for the sum of \$30,000.

Heating and ventilating contract, Cronan's Eagle Cornice Works, April 6th, 1908; \$4,497.

On June 30th, 1908, the foregoing seven school buildings were on an average about 60 per cent completed.

YERBA BUENA SCHOOL.

This building is being built partially from moneys donated by the school children of America, shortly after the great catastrophe of 1906, as their contribution towards the work of reconstruction. In all, \$28,761 was turned over to the City and County of San Francisco during the early part of 1908 by the Board of Education, as a special deposit towards the building of this

school. As the plans prepared during 1907, by T. Lacy Worswick and adopted by the Board of Education, called for a building to cost about \$60,000, it was necessary to have the assurance of the Board of Supervisors that an additional appropriation of \$32,000 be granted for the fiscal year 1908-09. This was done, and on March 31st, 1908, a contract was let to Wm. A. Newsom for the sum of \$19,445 for the building of the foundations and the rough frame and roof. On May 8th, 1908, a contract was let to J. J. Connolly for the exterior plastering for the sum of \$1,900. On June 30th, 1908, this work was well under way and will within a few weeks be ready for the letting of the finishing contracts.

MISCELLANEOUS BUILDINGS

BAKE OVEN AT ALMSHOUSE.

On August 26th, 1907, the Board of Supervisors appropriated \$1,500 for the building of a bake oven on the Almshouse Tract. Plans were prepared by the Department of Architecture during November, 1907, and a contract was let to Marius Hennings during the early part of December, 1907, for the sum of \$1,485. It was completed during January of 1908, and is considered to be the most successful oven ever built for the Almshouse.

SIXTEENTH STREET AND ALBION AVENUE FIRE ENGINE HOUSE.

(Engine Company No. 7.)

Plans were prepared by O'Brien & Werner previous to November 1st, 1907, for this frame building. An appropriation of \$12,500 had been previously made by the Board of Supervisors. On February 6th, 1908, a contract was let to Wm. Bruce for the sum of \$11,775. This building was completed April 29th, 1908, and occupied by the Engine Company shortly thereafter.

GREEN STREET FIRE ENGINE HOUSE.

(Engine Company No. 31.)

An appropriation of \$8,554 was made by the Board of Supervisors during the early part of 1908, for the construction of a fire engine house on the north side of Green street, near Leavenworth. Plans were prepared in the Department of Architecture and a contract for the construction of the building was let to John Dahlin on February 27th, 1908, for the sum of \$7,380. The inside sheathing was put on by the Superintendent of Public Buildings after the completion of the contract on May 27th, 1908, and the building was occupied by the Engine Company shortly thereafter.

CENTRAL FIRE ALARM STATION.

On September 30th, 1907, an appropriation of \$15,000 was made by the Board of Supervisors for the construction of a building for the Department of Electricity, to be used as a Central Fire Alarm Station. Considerable delay was experienced on account of the difficulty of locating a suitable lot, but a lot on the south side of Fulton street was finally decided upon. Plans were prepared by the Department of Architecture, and on March 5th a contract for the construction of the building was let to Lange & Bergstrom for the sum of \$14,248. The building was completed May 22nd, 1908, and occupied shortly thereafter.

TEMPORARY SCHOOLHOUSE, BRAZIL AVENUE AND MOSCOW STREET.

During March, 1908, plans were prepared by the Department of Architecture for a temporary schoolhouse of six rooms at Brazil avenue and Moscow street. Bids were called for, but all were rejected on account of being too high. The building was afterwards built by the Repair Department of the Board of Public Works, and is now occupied.

TEMPORARY GIRLS' HIGH SCHOOL.

During the latter part of 1907, an appropriation of \$18,000 was made by the Board of Supervisors for the construction of a temporary Girls' High School, on the northeast corner of O'Farrell and Scott streets. Nothing was done in the matter, owing to difficulties with a contractor, until May 2nd, 1908, when a contract was let to Blanchard, Brown Co. for the clearing of the lot for the sum of \$850. The plans for this school were prepared in the Department of Architecture, but owing to the fact that the previous estimate by the Board of Education was too low, a further appropriation of \$12,000 was made by the Board of Supervisors, and on May 21st, 1908, a contract for the construction of the building was let to Fann & Hood, for the sum of \$24,462. On June 30th, 1908, this building was well under way.

BUSH STREET FIRE ENGINE HOUSE.

(Engine Company No. 2.)

During the latter part of 1907, an appropriation of \$25,000 was made by the Board of Supervisors for the construction of a fire house for Engine Company No. 2, on the north side of Bush street, near Kearny. Nothing could be done in the matter for several months, owing to the length of the negotiations over a change of site. This was finally effected, a lot selected in exchange some one hundred feet to the west on the north side of the same street. On June 2nd, 1908, a contract for the construction of this building was let to Lamont & Beyer, for the sum of \$19,900.

Report on the Condition of the City Hall

In the early part of April, 1908, an appropriation of \$2,500 was made by the Board of Supervisors for the purpose of making an exhaustive survey and a report upon the exact condition of the City Hall, in order to determine whether it was advisable to rehabilitate the existing structure, or to take it down and make way for a new structure. The Department of Architecture began work immediately and by the middle of May, a complete set of drawings had been made of the entire building, which were further elucidated by over sixty photographs, the view points for which were carefully selected to best illustrate the effect of the earthquake and fire of 1906. Accompanying the plans and photographs the following report was sent to the Special Committee of the Board of Supervisors:

REPORT OF THE CONDITION OF THE CITY HALL

SAN FRANCISCO, CAL., MAY, 1908.

FOR THE SPECIAL COMMITTEE OF THE BOARD OF SUPERVISORS

LORING P. RIXFORD
PAUL BANCROFT
RALPH McLERAN

D. T. MURPHY
ALLAN POLLOCK
WM. BRODERICK

Prepared by the Bureau of Architecture, Board of Public Works,
San Francisco, Cal.

NEWTON J. THARP, City Architect.

GENERAL HISTORY AND DESCRIPTION OF THE CONSTRUCTION OF THE MAIN BUILDING.

It was exceedingly unfortunate for the City of San Francisco that its most ambitious public building should have been planned and the construction begun at a period just prior to the introduction of the modern steel skeleton, masonry armored type that solves at once all of those principles necessary to a first-class building of any character, namely, rigidity in all directions, fireproof qualities and lightness of construction.

The City Hall was designed and the construction begun during the years 1870-1871 and 1872, and was continued with more or less regularity until the completion of the dome in 1896-97. Although our modern steel frame type of building was evolved in Chicago during the year 1884 and its use spread rapidly throughout the East, its acceptance was slow upon our coast, with the result that the entire building was completed (excepting the dome) without any of the principles of the steel frame construction having been used.

All of the exterior and interior partition and carrying walls are of brick resting on footings of stone, well laid and of deep courses. The floors are of iron girders and beams, with bent corrugated iron and brick or concrete arches between, the girders in most cases having been fireproofed with suspended metal lath and plaster ceilings, quite in keeping with recent construction.

The simple engineering features of the main building were well conceived and executed, with the exception of certain details of construction. All of the brick walls, both exterior and interior, were built without bond irons, relying upon inertia and the adhesion of the mortar for rigidity, which, in itself, is a

fatal error in a region afflicted by earthquakes. And the great number of large chases for pipes, heating and ventilating ducts, etc., do not add to the strength of the walls. Where the spans in certain portions of the floors were too great for the size of the I beams rolled in those days, simple plate and box girders were employed. These are all badly proportioned and seem to have been designed by rule of thumb, as no proper disposition of the material is made to take care of the points of greatest bending moment and shear.

The four great box girders in the roofs of the large rooms at the ends of the wings facing on McAllister street are badly designed and as absurd a solution of a simple problem of roof construction as might be found anywhere, and no doubt their great weight, raising the center of gravity of those portions of the building, did much toward the general wrecking by the earthquake. The shorter floor spans through out the building (though heavy) are well designed and executed. And, contrary to popular belief, the bricks and mortar used throughout the entire structure are of the finest quality and the workmanship of the best. So far, the most rigid inspection of the standing and fallen walls, and of the walls of portions under removal, have failed to disclose any large voids or enclosed boxes, barrels or wheel-barrowes that have been told in many an old tale as evidence of lax supervision and contractors' deceits. The plastering on walls and ceiling was upon metal lath and of the best quality. The finished floors of the halls and corridors are of a fine quality of material and workmanship. The heating and ventilating plant that was installed for all of the building with the exception of the Larkin street wing is of a good system, and doubtless would have worked perfectly, but for the lack of a thermostatic method of control.

Notwithstanding much carping criticism to the contrary, it is the opinion of this department that the general plan and design of the main building is a most excellent one. It is well arranged and perfectly suited to the lot; and, if the facing materials had been of a nobler quality, and the method of construction have permitted of greater window areas the building would have been one of the notable ones of the world.

PRESENT CONDITION OF THE MAIN BUILDING.

Method of Inspection and Survey.

The whole of the main building (with the exception of the Hall of Records) has been carefully measured and rendered to scale upon the following list of drawings accompanying this report, and to which reference is made for a thorough understanding of all statements made herein.

- Sheet No. 1. Sub-basement Plan. Scale, $\frac{1}{16}$ in.—1 ft.
- Sheet No. 2. Basement and Ground Floor Plan. Scale, $\frac{1}{16}$ in.—1 ft.
- Sheet No. 3. First Floor Plan. Scale, $\frac{1}{8}$ in.—1 ft.
- Sheet No. 4. Second Floor Plan. Scale, $\frac{1}{16}$ in.—1 ft.
- Sheet No. 5. Third Floor Plan. Scale, $\frac{1}{16}$ in.—1 ft.
- Sheet No. 6. Roof Plan. Scale, $\frac{1}{16}$ in.—1 ft.
- Sheet No. 7. Elevations. Scale, $\frac{1}{16}$ in.—1 ft.
- Sheet No. 8. Sections. Scale, $\frac{1}{16}$ in.—1 ft.
- Sheet No. 9. Section of Dome and Rotunda. Scale, $\frac{1}{8}$ in.—1 ft.
- Sheet No. 10. Plans of Rotunda and Dome. Scale, $\frac{1}{8}$ in.—1 ft.
- Sheet No. 11. Plans and Steel Diagrams of Dome. Various scales.

In addition to the above enumerated drawings, reference is also made to the "Data" sheet in the body of this report and to the several dozen photographs which have been taken and will be found accompanying. Said photographs are numbered serially, and illustrate as near as possible direct elevations

of all the facets of the exterior of the main building and court, and certain portions of the dome walls. The point of view of each one of the photographs may be readily discovered by reference to the key upon the first floor plan and certain plans of the dome.

In order to arrive at the exact condition and methods of construction, ladders were made and work torn away to open up concealed masses, forms, materials and dimensions.

All floors have been tested for levels and all walls to see whether they are in or out of plumb. Where doubts have existed as to the conditions of a material, owing to its exposure to fire, both mechanical and chemical tests have been made upon it.

CONDITION.

It is evident that the ground upon which the City Hall is built is of uniform character and an ideal one for the support of a heavy building. The most careful measurements and leveling show not the slightest misplacement or sinking that might be ascribed to the soil or rock masses lying immediately below. A series of levels that were carefully run by the Engineering Department upon the floors of the first-story corridors showed variations of but a few tenths of an inch that might as readily have come from inaccuracies of construction as earthquake shock. The long corridors are in perfect alignment, which indicates that no horizontal displacements occurred.

The whole of the foundation walls from the bottom of the footings to the top of the granite base course slightly above the general level of the ground, were very well constructed originally and are in excellent condition. It is above this level that by far the larger part of the earthquake damage occurred. The whole of the southerly end of the Larkin street wing has been removed as far north as the City Hall avenue front and to the level of the granite base.

The whole of the City Hall avenue front above the granite base and between the Larkin street wing and the rotunda walls is in a state of complete ruin as far as any scheme of safe reconstruction is concerned. The same can be said of those portions of the building adjacent to the rotunda walls on the north and east. With the exception of certain exterior walls and a few of the first-story rooms the whole of the east wing is in a very bad and dangerous state of ruin, which, owing to the large girders in the roof and other peculiarities of construction, is more real than apparent from a general observation. Some parts of the remaining portions of the Larkin street wing are in a state of complete collapse, but, strange to say, the ruin here is more apparent than real and of not very great extent as far as the main mass of this wing is concerned. All of the rooms on the east side of the corridor, with very few exceptions, and those remaining on the west side, are in surprisingly good structural condition. All of that portion of the building lying on either side of the long east and west corridor and on either side of the north and south corridors connecting therewith to a point thirty feet distant from the rotunda walls, is in very good structural condition, with the exception of a few floors and walls, and is by far the best part of the structure remaining, and the easiest to put into a state of complete repair.

Very little damage was done by the fire in the basement and none throughout the sub-basement. On the three upper floors the fire damage is practically complete. All of the wood work of every description, including floors and furring of all kinds, has been entirely destroyed, with but very few exceptions. The heat engendered by the burning of this material and the furniture ruined the plastering on walls and ceilings and calcined all of the marble floors in the corridors, with the exception of small areas here and there throughout the building. Where cement floors were laid in the corridors, but very little damage was done. The intense heat was also responsible for the softening of the iron

beams and girders in many of the floors, with their consequent sinking or complete collapse. The main iron staircases and the walls surrounding them are in an almost perfect state of structural preservation, and in case of rehabilitation could be put in as good order as new, with but little other work than scraping and painting. The plumbing, water, gas and electric wiring systems are, practically speaking, in a state of complete ruin, and for purposes of reconstruction should be considered of but little value. In the sub-basement the main portion of the heating and ventilating plant has suffered but very little injury, and the boilers, engine, fan, heating stacks and other accessories have been well cared for and protected by the Superintendent of Public Buildings since the great catastrophe of 1906. Above the first floor level most of the tin ducts, vents and registers have been ruined by the action of the fire. However, it is the opinion of this department that the entire heating and ventilating plant could be put in perfect working order with a proper system of temperature control, for a sum not to exceed twenty thousand dollars.

The elevators, including machinery and shafts, are badly injured, and nothing but a complete reconstruction, to all intents and purposes, would make them of any value.

For a thorough understanding of the general extent of the injuries and destruction spoken of above, and others not particularly referred to, attention is called to the accompanying drawings and photographs, which have been prepared with a great deal of care.

PRESENT CONDITION OF THE ROTUNDA AND DOME.

A special study has been made of this portion of the building with a view towards determining its exact condition. The first step taken by this department was that of constructing passage ways, ladders, platforms, etc., to permit of easy access to all parts from the basement to the roof. After that, with the assistance of the Engineering Department of the Board of Public Works, the exact structural center of the floor of the rotunda was located. A series of careful measurements within the dome proper at a height of 250 feet above the rotunda floor served to locate its exact center, which agreed with the constructed center of the elevator shaft. A piano wire plumb-line with a 100-pound weight attached was hung from this upper point, and after being carefully brought to rest, it showed that the center of the dome had shifted to the northeast a distance of eight and one-quarter inches from the center of the rotunda floor. In order to be certain that the line was absolutely plumb, it was checked by transit work by members of the Engineering Department. This line having been made fast in a plumb position was used as a fixed point of reference for the measurement at different levels of the eight principal columns supporting dome. The results of these measurements are illustrated in the diagrams on Sheet 11 and show all of those columns to be more or less bent and twisted.

All of the materials and work within the dome proper above the level of the terra cotta floor are in good condition and apparently uninjured. This includes the roof, lantern and surmounting statute. From the level of this terra cotta floor down to the level of the four great girders at the spring line of the inner rotunda dome the greatest destruction has occurred. In fact, practically all of the surrounding masonry walls within this height were thrown down completely, and the few still standing are so shattered as to be in an absolutely useless and dangerous condition. At a point about midway of the height of the eight steel supporting columns of the dome, which was the point of greatest bending moment resulting from the earthquake vibrations, nearly all of the rivets in the splice plates of the columns have been sheared off, leaving the connections of the horizontal trusses to hold the columns in position. Below

the level of the four great girders mentioned above, a complicated system of brick rotunda walls and steel and cast-iron columns carries the weight of the whole superstructure, or what remains thereof, to the foundation and ground. The brick rotunda walls below the level of the girders are badly shattered and cracked in several places. The foundation walls and footings of the rotunda are in good condition, with the exception of a few hair cracks. The fact that all floors or stages of the rotunda are depressed about three-quarters of an inch towards the northeast, indicates by the coincident direction of the plumb-line that the whole rotunda and dome structure has a permanent inclination amounting to eight and one-quarter inches in a portion of its height equal to 250 feet. If the same ratio holds good to the top of the statute, the total variation from a true plumb-line would be about ten and one-half inches.

From the underside of the four girders at the base of the rotunda dome to the top of the foundation walls, it can be said that about as much was made of the design of the construction as was possible under the conditions. The only criticism being upon the fact that the conditions should have been accepted at all as a basis for the designing of a support for such an important superstructure. Under the conditions it was simply impossible to design a well-ordered series of columns with proper bracing to carry wind pressure and vibratory movements to the ground in accordance with the best principles of engineering practice. As it was, the rigidity of the columnar support below the four girders relied entirely upon the inertia of the rotunda walls, which was not of the best, as the brick work was laid up without any bond-irons whatsoever. This can be proved by an analysis of the general cross section of the steel work from the foundation to the top, which shows that without reliance upon the inertia of the rotunda walls the whole upper structure bearing upon the main interior columns would topple over in a summer wind. Even granting that the inertia of the rotunda walls was sufficient to resist ordinary wind pressures and earthquake shocks, yet the design of the steel work above the girders is open to much criticism as far as certain details are concerned. On the whole, it is well conceived and the workmanship of the best, but in the absence of solid floors at each of the various stages it was certainly a great oversight not to have introduced diagonal horizontal bracing. For some reason the diagonal bracing in the vertical panels between the eight columns on four stages, thirty-two in all, was left out, although the pin-plates are in position on the columns. Directly above the four girders, the eight columns stand without effective bracing for a height of more than thirty feet. This was a serious error, inasmuch as the introduction of four sets of portal bracing connecting opposite columns of the octagonal set over the dome of the rotunda was an easy matter, and, doubtless, with the supplying of the other omissions immediately noted, would have prevented the setting up of those vibrations that cracked the rotunda walls and threw down nearly all of the ornamental superstructure resting upon them.

Reasoning from these facts, which are easily demonstrable to any one caring to go into the matter; this department is of the opinion that the limitations of space and design-conditions existing in the rotunda below the four girders do not permit of a proper engineering solution of the problem of carrying the wind pressure and vibratory strains of the tower and dome to the ground in the manner that ought to be done in a structure of this magnitude. Therefore it is considered that it would be exceedingly unwise, and tempting fate beyond all reason, to proceed to rebuild the tower and dome on anything of its original outlines on the material now remaining, or on any considerable alterations and additions that might be made to it. At the best the result could only be a very indifferent and uncertain patchwork of what was not a good solution of the problem originally.

Two methods of procedure with this portion of the building are obvious; each has to do with the general scheme of rehabilitation, and are so considered

in the different estimates furnished below. The first method would be to take down the tower and dome and all steel work above the level of the four girders; and, in a scheme of rehabilitation, redesign that part of the building with a low light dome of large dimensions over the rotunda which would be supported on those walls and the steel and cast-iron columns remaining. This could be practically and safely done, and it is believed that the exterior treatment could be made to give a good effect. The second method would be to take down the entire structure of the dome, tower and rotunda to the top of the foundation walls and rebuild upon the same outlines but with a properly designed steel framework running from foundations to top that would not permit of the repetition of such a disaster. This could be done without any particular difficulties from an engineering standpoint, but the construction would be more thorough and expensive than that which existed previously.

ESTIMATES.

The matter of estimation has been considered from three standpoints. Each one has been gone into carefully and all the data used as a basis for the calculation are on file in this department.

First: The complete rehabilitation of the present building, with an (a) and (b) statement, to accord with the two solutions offered above for the dome and rotunda portion. This is presented with a clear understanding of the fact that howsoever well it may be done, the result from a constructional standpoint, except in entirely new portions, will never be quite as good as it was before. Yet, it has many advantages, chief amongst which are those of economy and time saved in getting all of the city departments housed again. Also, that the work may be carried on gradually as funds become available. It is proposed under this estimate to put the whole building back into the same general appearance as it was before April 18, 1906; all doubtful portions of the construction to be torn down and rebuilt in accordance with modern methods, and the removed portions of the Larkin street wing and elsewhere, if done in large masses, to be reconstructed according to the best principles of steel frame and fireproof construction. The heating, plumbing, elevator, electric and telephone systems, etc., to be put in a first-class condition. The decorations in the principal rooms to be of a richer and more appropriate character than what existed before. It is estimated that the whole building could be completely rehabilitated along the above indicated lines within two years if the funds were available.

Second: The wrecking of the whole building down to the level of the granite base and rebuilding on the same foundations, which are very adequate and in a fine state of preservation; and, within approximately the same height as the present building, a four-story, modern, steel-frame, fire and earthquake proof building of new design, excepting that it would follow the same general excellent arrangement and outline as at present. The floor areas of this building would be augmented by an area equal to one whole floor of the present building, but within the same height, as the rooms of the old structure are considered too high for modern principles of supplying light, heat and ventilation. It is estimated that the construction of such a building, including wrecking and preparation of plans, would take about three years from the date that the funds became available.

Third: The wrecking of the whole building, including the tearing out of the foundations, and erecting upon the site a new building, or group of buildings of entirely different design from the present structure, but of the same general floor areas as proposed in Estimate No. 2. It is conceived that such a building or buildings, including wrecking and preparation of plans, would take about four years for construction from the date that the funds became available.

Estimate No. 1: Rehabilitation.

(a) Dome and Tower taken down to Rotunda.....	\$3,035,000
(b) Dome and Tower and Rotunda taken down and rebuilt.....	3,965,000

Estimate No. 2: Partially New.

New buildings on present foundations.....	\$4,550,000
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Estimate No. 3: New.

New building or buildings on present site.....	\$5,250,000
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Appended hereto will be found a sheet of data concerning City Hall and also a statement of the cost of the making of the survey and the preparation of the plans and this report.

After due consideration of this report the Special Committee appointed an Advisory Committee to make a recommendation based upon the facts of the City Architect's report. This Advisory Committee was composed of the following architects: Messrs. Albert Pissis, James Reid and John Galen Howard, acting in conjunction with the City Architect. This committee had the matter under consideration on June 30, 1908.

PLANS UNDER WAY AND OTHER MISCELLANEOUS WORK.

INFIRMARY ON THE ALMSHOUSE TRACT.

On March 16th, 1908, the sum of \$2,500 was set aside by the Board of Supervisors for the purpose of preparing plans for an Infirmary on the Alms-house Tract. On June 30th, 1908, these plans were practically complete. This building is estimated to cost \$250,000, which is the sum available as the proceeds of the sale of a portion of the hospital bonds of the issue of 1903.

ISOLATION HOSPITAL.

On March 9th, 1908, the sum of \$20,000 was set aside by the Board of Supervisors for the purpose of making repairs and additions to the Isolation Hospital on Twenty-sixth and De Haro streets. Plans were started shortly thereafter by the Department of Architecture. On June 30th, 1908, they were practically complete and ready for the beginning of work.

REPAIRS TO OLD SCHOOL BUILDINGS.

On June 1st, 1908, work was begun on making measurements of old school buildings, and preparing plans and specifications for their repair, commencing immediately after the 1st of July, 1908.

OTHER WORK.

During the period between October 23rd, 1907, and June 30, 1908, a great many miscellaneous pieces of work were carried on in the Department of Architecture. Plans were made for the furnishing and fitting up of various municipal offices, and estimates were made upon all kinds of propositions for the temporary housing of departments.

The estimates for all the buildings proposed under the new bond issue of May 11th, 1908 (which included schools, hospitals, Hall of Justice and County Jail) were made in the Department of Architecture, and proper reports rendered thereon for submission to the people.

Respectfully submitted,

NEWTON J. THARP,

City Architect.

BUREAU OF STREETS

San Francisco, July 20th, 1908.

To the Honorable the Board of Public Works,
of the City and County of San Francisco.

Gentlemen:—I have the honor to submit herewith the annual report of the operations of the Bureau of Streets for the fiscal year commencing July 1st, 1907, and ending June 30, 1908, being the ninth annual report presented since the inauguration of the Bureau.

The principal work of the Bureau is reported under the following classifications:

1. Pavement Repair and Reconstruction.
2. Sewer Repair and Reconstruction.
3. Sewer Cleaning.
4. Cesspool Cleaning.
5. Sewer and Cesspool Flushing.
6. Side-sewer Construction.
7. Carpenter Work.
8. Repair and Cleaning of Fire Cisterns.
9. Corporation Trenches.
10. Inspection of Complaints.
11. House Numbering.
12. Street Assessments.
13. Miscellaneous.
14. Cashier's Report.

Respectfully submitted,

A. J. DONOVAN,

Office Deputy, Board of Public Works.

P. BRODERICK,
Superintendent of Street Repairs.

GEO. D. KEELEY,
Superintendent of Sewer Repairs.

REPAIR AND RECONSTRUCTION OF PAVEMENTS.

The repair and reconstruction work performed on the basalt block and cobble stone pavements by the Street Repair Department of the Board of Public Works for the last ten months of the fiscal year is reported herewith.

During the months of July and August, 1907, work of this character was performed under contract.

During the months of March, April, May and June, 1908, the repair of streets paved with bituminous rock was placed under the supervision of the Street Repair Department. The work was performed under public contract.

There is inserted herein a memorandum or schedule giving the totals of work accomplished each month by the Street Repair Department.

SEPTEMBER, 1907.—STREETS REPAIRED WITH BASALT BLOCKS AND COBBLES.

Street.	From	To	Total Sq. Ft. of Paving.	Total Labor.	Total Material, Teams, Etc.
Howard	Second	Second	152,133	\$ 8,812.00	\$3,764.12 ½
Braman	First	Thirteenth	14,768	669.50	152.00
Jackson	East	Sansome	27,627	1,180.50	418.25
Pacific	Taylor	Jones	1,850	84.00	34.50
Broadway	Dupont	Stockton	500	28.00	11.50
Stewart	Howard	Mission	700	28.00	13.00
Union	Dupont	Kearny	2,513	165.00	32.12 ½
Dump				46.50	
Corporation Yard				45.00	
Totals.....			200,091	\$11,058.50	\$4,425.50

Average cost per square foot (seven and seven-tenths cents); \$.077.
Based on entire cost of labor, gravel, screenings, blocks and teams.

BUREAU OF STREETS

Street.	From	To	Total Sq. Ft. of Paving.	Total Labor.	Total Material, Teams, Etc.
Mission	East	Second	11,850	\$ 577.50	\$ 165.65
Main	Howard	Mission	3,375	146.50	42.45
Market	and Powell	Sansome	335	26.75	1.40
Eddy	and	Mason	1,000	34.25	16.85
Sansome	and	Bush	700	37.00	3.25
Drum	Clay	Washington	1,522	52.00	9.50
Brannan	First	Second	80,946	3,378.50	895.15
Erie	and	Folsom	800	52.00	
Sixth	near	Market			
Sixth	Approach	to Bridge	1,550	72.75	7.80
Cedar avenue	and	Larkin	150	7.50	
Japan	Brannan	Townsend	1,103	37.00	2.50
Spain	Howard	Mission	1,350	94.75	18.80
Sacramento	Battery	Front	1,800	60.25	12.25
Fulton	and	Larkin	240	14.00	
Battery	Market	Green	65,849	2,862.75	552.95
Union	Dupont	Kearny	1,948	98.00	15.25
Jackson	Montgomery	Battery	7,159	312.50	74.95
Natoma	Third	Fourth	1,700	111.00	22.00
King	Seventh	Division	1,100	69.50	7.80
Harrison	Fourth	Eighth	1,300	67.75	15.40
Stevenson	Second	Ecker	750	36.25	6.50
Van Ness avenue	and	North Point	500	35.50	
Howard	Tenth	Twenty-fifth	77,933	4,217.25	1,222.50
Oregon	Battery	Front	937	48.50	1.30
Twentieth	Howard	Mission	1,400	46.00	3.50
Clementina	Fifth	Sixth	6,150	368.75	88.75
Nineteenth	Howard	Mission	600	23.00	1.75
Ninth	Howard	Market	29,900	1,431.75	560.75
Clark	Front	Davis	2,228	136.50	28.55
Stockton	Sutter	Bush	3,400	164.50	41.50
Jessie	Annie	Third	1,900	139.00	48.50
Clay	East	Drum	125	5.50	
Seventh	Howard	Mission		1,648.50	279.50
Montgomery	Market	Washington		36.00	39.00
Corporation Yards				147.00	117.00
Dump				591.00	468.00
Total			311,600	\$17,185.25	\$4,774.05

Average cost per square foot (five and nine-tenths cents), \$.059.
Based on entire cost of labor, material and teams.

Street.	From	To	Total Sq. Ft. of Paving.	Total Labor.	Total Material, Teams, Etc.
Brannan	First	Ninth	58,484	\$2,305.75	\$565.75
Eighth	Bryant	Brannan	10,664	374.75	86.25
Ninth	Howard	Bryant	45,504	2,418.00	577.00
Drumm	Eighth	Ninth	13,321	654.00	170.50
Scott	Clay	Washington	2,286	160.00	24.50
Montgomery avenue	and	Geary	250	18.25	3.25
Merchant	and	Filbert	200	18.25	3.25
Anna Lane.	Drumm	East	210	15.25	
Sacramento	Eddy	Ellis	3,375	174.50	38.50
Speak	Sansome	Market	23,062	1,182.62½	207.75
Stockton	Loward	Harrison	12,300	610.00	152.25
Kearny	Sutter	Bush	1,180	55.00	7.75
Clay	and	Montgomery avenue	933	42.50	15.50
Pacific	East	Drumm	2,750	121.25	34.75
Jessie	Kearny	Battery	20,500	1,005.12½	212.00
Seventh	Ecker	Third	4,650	255.75	69.00
Market	Howard	Mission	21,348	1,561.00	547.50
New Anthony	and	Sansome	575	26.50	11.00
Steiner	Mission	Jessie	3,500	192.75	49.00
Broadway	Broadway	Vallejo	70	3.00	
Filbert	Fillmore	Steiner	80	3.00	
Ritch	Mason	Montgomery avenue	400	33.50	7.75
Mission	Brannan	Townsend	1,950	99.75	18.25
Mission	East	Second	10,200	431.75	128.15
Third	and Second	(Gutterways)	3,200	154.75	41.25
Approach	to Bridge	Berry and	150	8.50	
Bluxome	Fourth	Fifth	5,050	220.00	46.25
Clementina	Fifth	Sixth	9,600	216.25	38.75
First	and	Stevenson	1,500	61.75	20.00
Polk	Broadway	Pacific	125	6.75	
Second	and	Minna	1,400	75.00	20.00
California	Sansome	Market	19,548	3,277.75	491.55
Steuart	Market	Mission	108.00	108.00	
Front	Pine	California	250	8.50	
Davis	Pine	California	1,065	45.50	6.50
Dump				199.50	
Corporation Yards					
Cement Workers				260.00	78.00
Cisterns				100.00	177.50
Total			279,680	\$16,504.50	\$3,849.45

Average cost per square foot (seven and three-tenths cents), \$.073.
Based on entire cost of labor, material and teams.

BUREAU OF STREETS •

755

DECEMBER, 1907.—STREETS REPAIRED WITH BASALT BLOCKS AND COBBLES.

Street.	From	To	Total Sq. Ft. of Paving.	Total Labor.	Total Material, Teams, Etc.
Seventh	Howard	Mission	5,385	\$ 505.25	\$196.25
Eighth	Bryant	Brannan	3,793	136.50	35.85
Bryant	Eighth	Ninth	416	14.00	
Brannan	Seventh	Ninth	4,369	170.50	44.20
Mission	Tenth	Eleventh		251.25	63.45
Mission	Fifteenth	Sansome	4,964	2,189.75	519.50
Californin	Market	Mission	3,300	235.25	50.85
Stenart	Market	Harrison			
Spaur	Folsom	Mission	5,900	352.75	67.60
Spaur	Market	Howard	17.75	17.75	
Main	Mission	Mason	800	36.50	10.25
Filbert	Montgomery avenue	Sixth		15.00	
Clemenina	Fifth	Sixth		32.25	
Anna Lane	Eddy	Ellis	800	100.40	5.75
Montgomery avenue	Union	Green	1,850	7.00	22.75
Gough	Haight	Page	50	7.00	3.25
Twenty-ninth	and	Church	75		
Sansome	Sutter	Pine	1,600	106.50	19.95
Fulton	and	First avenue		54.00	
Clay	near	East	3,245	126.25	40.00
Montgomery	Market	East	1,600	102.25	43.85
Perry	Sixth	Bush	4,450	193.75	64.85
Junctions of	Battery	Seventh			
Market and	First and	Market and			
Battery	Market	Pine	2,600	129.75	38.60
Sutter	Steiner	Pierce	550	23.00	3.25
Sixth	Approach to	Bridge	2,900	122.00	72.00
Second	Market	Mission	900	98.00	7.75
New Montgomery	Market	Mission	1,775	90.75	14.00
Geary	Powell	Mason	2,500	121.25	66.50
Sixth and	Folsom	(Crossing)		6.00	
General				54.00	37.00
Dump				70.50	
(Corporation Yards				213.00	
Total			93,857	\$5,582.15	\$1,469.70

Average cost per square foot (seven and one-half cents), \$.075.

Based on entire cost of labor, material and teams.

JANUARY, 1908.—STREETS REPAIRED WITH BASALT BLOCKS AND COBBLES.

Street.	From	To	Total Sq. Ft. of Paving.	Total Labor.	Total Material, Teams, Etc.
New Montgomery	Market	Howard	700	\$ 29.50	\$ 13.00
Sixth	Crossing	Folsom			
Sixth	Approach	to Bridge	4,450	263.75	56.75
Gold	Sansome	Montgomery	1,100	60.25	22.00
Fourth	King	Berry			
Fourth	Crossing	Folsom	2,525	105.25	33.25
Pacific avenue	Polk	Van Ness avenue	1,050	67.00	14.25
Pacific	Davis	Drumm	575	25.75	7.75
Pine	Front	Davis		47.50	61.75
Kearny	Market	Pacific	10,300	684.00	203.75
Spears	Wharf				6.50
Montgomery	Market	Washington	11,350	730.50	228.85
Polk	Sutter	Bush	2,450	142.25	28.50
Geary	Powell	Mason			
Geary	Crossing	Grant avenue	3,300	193.50	73.50
Front	Market	Clay	4,150	331.25	197.50
Tehama	Fifth	Sixth		16.50	
Tallying	Blocks			60.00	
Seventh	Mission	Howard	6,442	253.50	55.25
California	Buchanan	Webster	200	10.00	3.25
California	Sansome	Battery			
California	Davis	Drumm			
Mission	Ninth	Eleventh	7,377	384.75	91.35
Mission	Crossing	Spears			
Mission	Crossing	Fremont	3,460	157.50	36.25
Montgomery avenue	Pacific	Broadway		25.00	
Main	Howard	Mission	950	38.00	13.50
Clay	near	Front	800	30.50	7.75
Bush	and	Franklin	200	11.50	3.25
Sansome	Market	California			
Sansome	Jackson	Pacific	11,306	868.50	236.50
Potrero ave	at	Sixteenth			
Potrero ave	Eighteenth	Nineteenth		91.50	13.00
Bryant	and	Seventh	150	7.75	3.25
Dupont	Pine	California	5,650	232.75	60.35
Second	and	Folsom	700	28.25	11.00
Shotwell	Eighteenth	Nineteenth	200	13.00	3.25
Twenty-third	Church	Chattanooga	100	6.50	1.50
Minna	First	Second	2,000	93.25	15.10

Steiner	Union	150	11.50	3.25
Battery	California	1,080	46.50	13.00
Third	Mission			
Third	to Bridge	11,412	944.00	311.70
Davis	Sacramento			
Davis	Broadway	8,505	425.75	102.00
Post	Presidio avenue	200	10.00	3.25
General .....	.....		
Dump .....	.....		
Mission Road .....	.....		
Corporation Yards .....	.....		
Macadamizing .....	.....		
Total.....		102,832	\$7,226.25	\$2,208.20

Average cost per square foot (nine and one-tenth cents), \$.091.

Based on entire cost of labor, material and teams.

FEBRUARY, 1908.—STREETS REPAIRED WITH BASALT BLOCKS AND COBBLES.

Street.	From	To	Total Sq. Ft. of Paving.	Total Labor.	Total Material, Teams, Etc.
Montgomery avenue	Washington	Broadway	28,110	\$1,328.50	\$385.10
Pine	Front	Davis	7,868	383.25	156.50
Front	Market	California	18,750	897.50	240.50
Jessie	First	Second			
Battery	Third	Fourth	3,185	124.00	32.50
Battery	Pine	California			
Spear	Clay	Washington	2,590	99.50	33.00
Main	Market	Mission	1,800	138.75	24.00
Potrero avenue	Market	Mission		738.75	
Harrison	at	Nineteenth		12.50	
Third	Fourth	Fifth		98.25	
Filbert	Market	Mission	2,800	162.00	107.25
Oregon	and	East	400	28.75	8.10
Davis	Davis	Drum	2,900	130.75	34.10
Davis	Market	California			
Kentucky	Clay	Washington	4,500	501.75	157.60
Montgomery	and	Isais	400	82.50	19.50
Dupont	Market	California	2,185	160.00	49.55
Kearny	Pine	California	3,650	157.62 1/2	35.37 1/2
Cedar	near	Sutter	1,850	154.00	94.25
Kansas	Cedar	Clay	3,450	163.75	40.25
Market	Fifteenth	Washington	1,600	69.50	16.25
Howard	Second	Alameda	2,060	276.75	97.50
Howard	First	Fifth			
Drum	Crossing	Second	6,365	251.00	78.50
Fifth	Market	Clay		847.25	453.35
Commercial	Mission	Howard	1,850	87.00	19.50
Mission	Drum	East		158.75	334.75
Mission	Ninth	Thirteenth			
City Hall avenue	near	Fifth	34,713	1,419.50	363.75
Polk	Crossing	Fifth	150	5.75	
Corporation Yards			100	5.75	
Macadamizing				226.75	149.50
General				385.00	238.85
Dump				6.00	
Tallying				62.00	
Blocks				18.00	
Total			131,276	\$8,661.12 1/2	\$3,169.52 1/2

Average cost per square foot (nine cents), \$.09.
Based on entire cost of labor, material and teams.

MARCH, 1908.—STREETS REPAIRED WITH BASALT BLOCKS AND COBBLES.

BUREAU OF STREETS

Street.	From	To	Total Sq. Ft. of Paving.	Total Labor.	Total Material, Teams, Etc.
Third	Market	Mission	4,040	\$ 207.00	\$ 85.00
Powell	Green	Beach	13,915	539.75	202.00
Francisco	Powell	Mason	5,040	177.50	54.25
Mission	East	Steuart			
Mission	Crossing	First	83,811	3,495.00	1,095.75
Mission	Eleventh	Sixteenth	5,194	219.00	282.75
Pine	Market	Front	36,377	1,588.50	618.00
Montgomery avenue	Broadway	Greenwich	12,914	483.75	334.00
Davis	Market	California	5,698	208.50	73.25
Front	Pine	California	1,325	64.00	15.50
Washington	Davis	Drum	700	29.00	7.75
Eddy	Polk	Van Ness	18,486	1,318.50	1,078.75
Main	Market	Mission	10,861	1,149.00	562.75
Beale	Market	Mission	750	243.75	7.75
Howard	East	Steuart	650	47.75	32.50
Fillmore	and	Pine			
Battery	Bush	Washington	5,197	187.50	83.50
Battery	Sacramento	Washington	14,350	14.50	3.25
Sansome	and	Clay	5,260	252.50	100.25
Sixth	Market	Mission			13.00
Berry	Sixth	Seventh			39.00
Drum	Market	Sacramento	595	168.00	9.50
Spear	Market	Mission			6.50
Stockton	Market	Geary			39.00
Stockton	Sutter	Bush			6.50
Harrison	and	Fourth			39.00
General					
Dump					
Corporation Yards					169.00
Macadamizing					344.50
Superintendent's Office					45.00
Total			211,763	\$11,621.85	\$5,312.50

Average cost per square foot (eight cents), \$.08.
 Based on total cost of labor, material and teams, salary of Superintendent of Street Repairs, salary of his Stenographer, and rig hire of said Superintendent, for month of March, 1908.

MARCH, 1908.—BITUMINIZED STREETS REPAIRED.

Street—From and To.	Area Bindered. Sq. Ft.	Area Surfaced. Sq. Ft.	Cost Binder and Surface.	Cost Founda- tion and Inspection.	Total Cost.
Market—Second to Castro.....	22,560	41,915	\$5,240.47	\$655.25	\$5,895.72

BUREAU OF STREETS

761

Street.	From	To	Total Sq. Ft. of Paving.	Total Labor.	Total Material, Teams, Etc.
Beale	Market	Mission	18,136	\$ 749.70	\$ 517.75
Battery	Bush	Pine			
Battery	Jackson	Pacific	10,663	530.70	240.50
California	Davis	Drum	442	20.00	15.50
City Hall avenue					
Drum	California	Clay	12,908	717.45	742.75
Front	California	Washington	4,200	282.00	169.00
Grant avenue	Geary	Post			
Grant avenue	California	Sacramento			
Grant avenue	Clay	Pacific	5,978	354.00	165.00
Harriet	Folsom	Howard			
Howard	East	Steuart	5,566	247.65	149.00
Jackson	Front	Sansome			
Jackson	Montgomery	Kearny	2,175	100.50	19.50
Kearny	California	Washington	3,700	172.00	78.00
Lombard	Van Ness	Presidio Gate	675	59.50	26.00
Main	Market	Mission	13,376	475.20	146.00
Mission	East	Steuart			
Mission	Main	Beale			
Mission	First	Second	70,875	3,674.75	1,475.00
Mission	Fifteenth	County Line	2,850	715.00	383.50
Mission road	Army	Vallejo			
Montgomery avenue	Jackson	Bay	9,018	400.20	198.50
Montgomery avenue	Chestnut	Bush	2,800	167.50	78.00
Montgomery street	Market	Battery	3,600	137.00	69.75
Pine	Front	Howard	5,060	240.00	55.50
Steuart	Market	Mason	2,870	168.00	77.50
Sacramento	Powell	Geary			6.50
Stockton	O'Farrell	Bryant	6,558	386.00	172.25
Spearr	Market	O'Farrell		564.00	136.50
Scott	at	Sansome	34,509	1,999.00	911.25
Washington	East				32.50
Macadamizing		Hospital		124.65	13.00
City and County				78.00	
Dump				104.00	
General				418.00	169.00
Corporation Yards				525.00	45.00
Superintendent's Office					
Total			215,959	\$13,469.45	\$6,012.25

Average cost per square foot (nine cents), \$.09.

Based on total cost of labor, material and teams, salary of Superintendent of Street Repairs, salary of his Stenographer, salary of Tabulator, salary of Inspector, and rig hire of said Superintendent, for month of April, 1908.

APRIL, 1908.—BITUMINIZED STREETS REPAIRED.

Street—From and To.	Area Binded. Sq. Ft.	Area Surfaced. Sq. Ft.	Cost Binder and Surface.	Cost Founda- tion and Inspection.	Total Cost.
Devisadero—Golden Gate to Fulton.....	.....	219.87	\$ 23.96	\$ 3.75	\$ 27.71
Dupont—California to Filbert.....	.....	12,056.92	1,706.53	509.75	2,216.28
Golden Gate—Taylor to Scott.....	7,618.03	14,746.52	1,607.38	127.50	1,734.88
Grant Avenue—Market to Geary, Post to Stockton place, Sutter to Bush.....	2,639.44	3,830.74	536.33	246.00	782.33
Lombard—Van Ness to Lyon.....	281.73	2,299.41	298.70	115.50	414.20
Montgomery avenue—Francisco to Lombard, Green to Vallejo Mission street—Army to Crescent, Silver avenue to County Line.....	867.99	3,227.74	438.18	96.00	534.18
Potrero avenue—Tenth to Twenty-fourth.....	421.00	34,066.14	4,284.58	306.17	4,590.75
Powell—Eddy to Ellis, Geary to Post.....	432.40	3,334.02	380.27	60.00	440.27
Fifteenth—Market to Mission.....	.....	1,185.69	129.24	7.50	136.74
Sixteenth—Valencia to Market.....	17,891.81	18,724.93	3,056.29	39.50	3,095.79
Valencia—Market to Army.....	.....	2,965.72	323.26	129.50	452.76
Van Ness avenue—Market to Lombard.....	432.08	3,218.79	402.34	199.67	602.01
Totals.....	31,584.48	108,256.49	\$14,259.34	\$2,037.34	\$16,296.68

BUREAU OF STREETS

MAY, 1908.—STREETS REPAIRED WITH BASALT BLOCKS AND COBBLES.

Street.	From	To	Total Sq. Ft. of Paving.	Total Labor.	Total Material, Teams, Etc.
Washington	Drum	East	9,400	\$ 601.10	\$ 320.50
Drum	California	Clay	14,765	658.40	471.85
Fourteenth	Crossing	Harrison	2,542	127.75	46.00
California	Davis	Drum	2,456	167.00	25.75
Hooper	Seventh	Eighth	600	24.50	1.25
Reale	Market	Mission			6.50
Mission	First	Second			
Mission	Sixteenth	Twentieth	21,103	1,047.50	397.00
Kearny	Post	Sacramento			
Post	Clay	Jackson	5,475	299.75	135.40
Grant avenue	Bush	Pine	1,200	90.25	27.25
Montgomery street	Bush	Jackson	3,450	205.25	92.75
Third	Approach to	Bridge	3,172	141.00	77.40
Van Ness avenue	Bay	North Point	950	60.75	44.00
Battery	Bush	Pine			
Battery	California	East	14,165	611.00	240.15
North Point	Leavenworth	Van Ness	700	22.50	23.00
Bay	Montgomery avenue	East	3,050	132.75	21.65
Sansome	Sacramento	Pacific	4,900	301.25	95.50
Sacramento	Davis	Drum	3,073	123.25	45.95
Powell	Bay	Beach	17,970	1,124.75	286.15
Twenty-first	Mission	Valencia	4,557	311.00	150.75
Eleventh	Mission	Bryant	11,088	644.25	237.25
Twentieth	Valencia	Mission	3,298	184.25	29.25
Berry	Fourth	Seventh	7,520	359.50	233.40
Vallejo	and	Polk	600	21.50	6.50
Bush	Kearny	Grant avenue	600	32.75	9.75
Seventh	Brannan	King	19,487	1,060.25	350.50
Howard	Second	Third			
Howard	Crossing	Eighteenth	1,377	106.00	52.15
Thirteenth	Folsom	Harrison	103	20.75	3.25
Front	Washington	Pacific	3,198	144.25	74.70
Jackson	Front	Drum	3,380	130.75	47.25
Water	Mason	Drum	2,300	123.00	69.50
Sixteenth	Folsom	Taylor	1,177	74.00	16.25
Folsom	Crossing	Harrison	768	51.75	49.75
Second	Market	Fifteenth	3,870	228.75	129.75
Stevenson	First	Howard	1,000	79.75	28.50
		Second			

(Continued on following page.)

MAY, 1908.—STREETS REPAIRED WITH BASALT BLOCKS AND COBBLES—Continued.

Street.	From.	To.	Total Sq. Ft. of Paving.	Total Labor.	Total Material Teams, Etc.
Fifteenth avenue.....	South at	Viaduct .....	.....	12.00	.....
Natoma	Second	Third	550	28.00	9.75
Bryant	Seventh	Eighth	765	30.00	1.25
King	Seventh	Eighth	4,942	235.00	48.25
Macadamizing .....	.....	.....	.....	587.00	461.50
H street.....	Crossing	Twelfth avenue.....	.....	21.00	.....
Corporation Yards.....	.....	.....	.....	416.00	185.25
General .....	.....	.....	.....	97.00	.....
Dump .....	.....	.....	.....	18.00	13.00
Superintendent's Office.....	.....	.....	.....	525.00	45.00
Blocks .....	.....	.....	.....	.....	2,085.20
Total.....	.....	.....	179,701	\$11,300.25	\$6,095.75

Average cost per square foot (ten cents), \$.10.

BUREAU OF STREETS

765

Street—From and To.	Area Bindered. Sq. Ft.	Area Surfaced. Sq. Ft.	Cost Binder and Surface.	Cost Foundation and Inspection.	Total Cost.
Albion avenue to Sixteenth.....		77.72	\$ 8.47	\$ 20.00	\$ 28.47
Alabama, Twentieth to Twenty-fifth.....		597.67	65.15	4.00	69.15
Bartlett, Twenty-first to Twenty-sixth.....		3,557.68	387.79	30.00	417.79
Broadway, Franklin to Webster.....		831.06	105.88	38.25	142.13
Bryant at Eleventh; Alameda to Twenty-sixth.....		5,717.40	277.92	25.00	652.92
Eddy, Mason to Taylor; Fillmore to Scott.....		1,033.18	665.12	195.50	860.62
Elgin Park; Thirteenth to Market.....		314.85	112.62	4.00	116.62
Florida, Twenty-first to Twenty-fifth.....		32,621.80	3,570.45	782.50	4,352.95
Folsom, Seventh to Twenty-sixth.....	377.02	5,669.26	762.80	255.67	1,018.47
Geary, Kearny to Powell; Buchanan to Scott.....	2,679.68	2,023.29	220.54	13.34	233.88
Guerrero, Market to Twenty-fifth.....		643.45	70.17	11.50	81.67
Harrison, Twenty-second to Twenty-fifth.....		256.58	27.97	10.67	38.64
Herman, Market to Valencia.....		164.58	20.57	5.00	25.57
Hickory, Gough to Octavia.....		543.95	59.29	3.34	62.63
Lexington avenue, South of Nineteenth.....		2,725.12	340.64	66.00	406.64
Market, Second to Twelfth.....		340.97	42.62	2.50	45.12
Noe, Fifteenth to Duboce.....		91.87	10.06	4.00	14.06
Pearl, Thirteenth to Market.....		14,413.61	1,705.83	641.50	2,347.33
Post, Montgomery to Powell; Van Ness to Broderick.....	400.00	398.62	43.45	3.34	46.79
San Carlos avenue, North of Twenty-first.....		788.03	85.90	12.34	98.24
San Jose avenue, Twenty-sixth to Twenty-eighth.....		4,416.56	481.40	26.67	508.07
Shotwell, Fourteenth to Twenty-fourth.....		6,383.72	806.59	100.00	906.59
Steiner, Duboce to Oak; Turk to Jackson.....	216.00	705.65	76.92	3.34	80.26
Sycamore avenue, Valencia to Mission.....		948.05	118.50	9.17	127.67
First avenue, Clay to Pt. Lobos; Broderick to Hugo.....		1,565.15	195.64	15.00	210.64
Fifth, Market to Folsom.....					
Seventeenth, Folsom to Division; Mission to Albion ave., Dolores to Douglas.....		2,362.53	237.51	40.00	287.51
Twentieth, Florida to York; Folsom to Harrison.....		587.73	64.06	10.67	74.73
Twenty-first, Mission to Folsom.....		4,767.88	519.69	70.00	589.69
Twenty-second, Church to Potrero; Dolores to Howard.....		2,492.80	271.71	16.67	288.38
Twenty-third, Mission to York; Chattanooga to Fair Oaks.....	432.00	2,330.78	270.91	36.50	307.41
Twenty-fifth, Valencia to Bryant.....		2,255.43	245.84	20.00	265.84
Twenty-sixth, Bryant to San Jose avenue.....	1,080.00	1,805.88	238.96	80.50	319.46
Treat avenue, Twentieth to Twenty-fifth.....		532.32	58.02	6.67	64.69
Walnut, Clay to Washington.....		27.42	3.43	2.50	5.93
Totals.....	5,184.70	109,484.02	\$12,574.74	\$2,370.14	\$15,144.88

JUNE, 1908.—STREETS REPAIRED WITH BASALT BLOCKS AND COBBLES.

Street.	From	To	Total Sq. Ft. of Paving.	Total Labor.	Total Material, Teams, Etc.
Berry	Third	Seventh	73,350	\$3,188.25	\$1,146.60
Water	Mason	Taylor	410	21.50	20.85
Jackson	Front	Davis	300	18.25	4.50
Sacramento	Drum	East	8,500	821.75	392.25
Second	Mission	Howard	7,900	440.00	189.30
Sausome	Sutter	Bush			
Sausome	Pacific	Broadway	3,150	183.75	40.25
Ninth	Brannan	Townsend	520	52.00	6.50
Mariposa	Kentucky	Minnesota	2,100	154.75	162.50
Douglas	Seventeenth	Eighteenth	700	24.50	6.50
Seventh	Brannan	Townsend	22,312	1,065.50	511.65
Hooper	Seventh	Eight	1,500	62.00	15.50
Harrison	Eleventh	Fifteenth	17,735	848.00	268.50
Townsend	Second	Fourth	4,050	196.50	86.60
Grant avenue	Vallejo	Filbert	500	36.75	9.75
Seventeenth	Castro	Douglas	300	15.25	6.50
Minnesota	Mariposa	Twenty-second	4,200	200.25	71.50
Eddy	Leavenworth	Hyde	1,900	83.25	7.50
Fourteenth	Harrison	Folsom	1,436	32.50	9.75
Third	Townsend	Berry	2,400	129.50	36.25
Kentucky	Fourth	Sixteenth	34,008	2,126.00	839.75
First	Bryant	Brannan			
First	Market	Mission	17,955	1,020.00	439.65
Howard	Second	Third	2,250	113.00	31.00
Natoma	First	Second	1,050	46.00	26.00
Twenty-second	and	Tennessee	1,070	73.00	28.50
Commerce	Front	Battery	1,350	59.50	13.00
Vallejo	Octavia	Laguna	300	13.00	22.75
Sixth	Bryant	Brannan			65.00
Corporation Yards				403.00	186.90
Grove St. Yard			532	20.00	
City Hall avenue				24.00	
General				140.00	
Macadamizing				653.50	435.50
Oak				6.00	
Drum					
Clipper				9.00	39.00

Lily avenue	Octavia .....	.....	.....	32.50
Clay	Drum .....	.....	.....	117.00
Commercial	Drum .....	.....	.....	26.00
Gough	Hayes .....	.....	.....	6.50
Grove	Gough .....	.....	.....	6.50
Octavia	Oak .....	.....	.....	6.50
Superintendent's Office .....	.....	.....	.....	45.00
Total.....	.....	210,758	\$13,227.25	\$5,367.15

Average cost per square foot (eight and eight-tenths cents), \$.088.
 Based on total cost of labor, material and teams, salary of Superintendent of Street Repairs, salary of his Stenographer, salary of Tabulator, salary of Inspector, and rig hire of said Superintendent, for month of June, 1908.

SUMMARY OF STREETS MACADAMIZED AND STREETS PAVED WITH BASALT BLOCKS AND COBBLES DURING THE MONTHS OF SEPTEMBER, OCTOBER, NOVEMBER AND DECEMBER, 1907, AND JANUARY, FEBRUARY, MARCH, APRIL, MAY AND JUNE, 1908, AND AVERAGE COST PER SQUARE FOOT.

Month.	Total Cost of Labor, Material, Teams, Etc.	Total Square Feet of Paving.
September	\$15,484.00	200,091
October	21,959.30	312,063
November	20,353.95	279,680
December	7,051.85	93,857
January	9,434.45	102,832
February	11,830.65	131,276
Salary of Superintendent of Street Repairs from September 3, 1907, to February 29, 1908; salary of his Stenographer from January 27, to February 29, 1908; Superintendent's rig hire from September 3, 1907, to February 29, 1908....	1,570.30	
March	16,934.25	211,763
April	19,481.70	215,959
May	17,996.00	179,701
June	18,594.40	210,758
	<hr/>	<hr/>
	\$160,690.75	1,937,980

Average cost per square foot, as per above summary (eight and three-tenths cents), \$.083.

BUREAU OF STREETS

Street—From and To.	Area Bindered. Sq. Ft.	Area Surfaced. Sq. Ft.	Cost Binder and Surface.	Cost Foundation and Inspection.	Total Cost.
Ashbury, Oak to Frederick		730.31	\$ 91.29	\$ 12.00	\$ 103.29
Ash avenue, Octavia to Laguna		75.81	9.48		9.48
Baker, Page to Oak; Fell to Hayes; Grove to Fulton		911.32	103.29	14.50	117.79
Belcher, Fourteenth to Duboce		88.22	11.03	4.00	15.03
Belvedere, Haight to Frederick		159.88	19.98	2.00	21.98
Buchanan, Fell to Fulton; Golden Gate avenue to Geary; Post to Bush; Clay to Washington; Jackson to Broadway		5,373.55	671.69	28.00	699.69
Bush, Kearny to Dupont; Laguna to Fillmore; Steiner to Devisadero		4,667.97	567.78	474.02	1,041.80
Buelah, Stanyan to Shrader		44.32	5.54	6.67	12.21
California, Fillmore to Devisadero		4,239.61	532.45	28.00	560.45
Capp, Seventeenth to Twenty-fourth		2,836.11	309.14	10.00	319.14
Carl, Cole to Clayton		96.03	12.00	2.00	14.00
Castro, Market to Nineteenth		3,067.47	334.35	239.00	573.35
Central, Page to Haight		81.77	10.22	2.00	12.22
Chatanooga, Twenty-second to Twenty-fourth		139.20	15.17		15.17
Church, Twenty-second to Twenty-eighth; Hermann to Sixteenth	1,296				
Clay, Steiner to Devisadero; Walnut to Cherry		3,993.65	520.64	50.67	571.31
Clayton, Oak to Page; Haight to Carl		2,141.53	267.69	6.50	274.19
Cole, Oak to Haight; Waller to Carl		253.83	31.72	12.00	43.72
DeLong avenue, Waller to Frederick		478.03	39.75	8.00	67.75
Division, off Seventeenth		200.91	25.11	3.00	28.11
Dolores, Twenty-second to Twenty-third		202.44	22.07		22.07
Ellis, Fillmore to Steiner, at Pierce; Scott to Devisadero		49.60	5.41	4.00	9.41
Fell, Franklin to Gough; Octavia to Buchanan; Scott to Lyon		3,015.19	353.56	27.51	381.07
Fillmore, Sacramento to Washington; Jackson to Broadway		2,578.72	344.84	80.17	425.01
Franklin, McAllister to Sutter; California to Broadway		722.46	90.31	11.00	101.31
Frederick, Masonic avenue to Clayton; Cole to First ave.		2,034.38	254.29	12.00	266.29
Fulton, Franklin to Steiner; Devisadero to Baker		15,741.68	1,717.70	133.00	1,850.70
Gough, Oak to Fell; Hayes to Sutter; Bush to Pine; California to Washington		3,463.99	547.25	20.50	567.75
Green, Stockton to Dupont		6,331.92	791.47	147.25	938.72
Grove, Van Ness avenue to Webster		761.80	95.22	20.00	115.22
H, First avenue to Seventh avenue		4,976.30	622.04	163.00	785.04
		2,608.33	326.04	108.67	434.71

JUNE, 1908.—BITUMINIZED STREETS REPAIRED—Continued.

Street—From and To.	Area Bindered. Sq. Ft.	Area Surfaced. Sq. Ft.	Cost Binder and Surface.	Cost Foundation and Inspection.	Total Cost.
Haight, Pierce to Scott; Baker to Stanyan.		1,693.39	211.67	16.00	227.67
Hayes, Larkin to Laguna.		782.82	97.85	10.00	107.85
Howard, Twenty-second to Twenty-fourth.		887.62	96.75	6.67	103.42
Hugo, First avenue to Second avenue; Fourth avenue to Sixth avenue.		265.44	33.18	8.67	41.85
Jackson, Larkin to Polk; Van Ness avenue to Devisadero, at No. 3 Engine House.		7,914.44	989.30	26.00	1,015.30
Laguna, Oak to Fell; Grove to Fulton; Golden Gate avenue to Turk; Eddy to Ellis; Sutter to Bush.		1,997.96	249.73	18.67	268.40
Larkin, Market to McAllister; Jackson to Pacific.	428	656.81	99.22	13.00	112.22
Linden avenue, Gough to Octavia.		34.20	4.27		4.27
Lyon, Page to Haight.		59.52	7.44	2.00	9.44
Market, Second to Twelfth.		4,972.24	620.27	50.00	620.27
Masonic avenue, Oak to Haight.		29.82	3.72	2.00	5.72
McAllister, Fulton to Webster.		509.60	63.70	5.00	68.70
Oak, Octavia to Laguna; Scott to Stanyan.		4,353.43	544.18	53.17	597.35
Octavia, Page to Bush.		2,206.19	275.77	155.67	431.44
O'Farrell, Fillmore to Scott.		3,074.22	384.28	10.67	394.95
Pacific avenue, Larkin to Polk; Franklin to Devisadero.		9,222.72	1,152.84	22.50	1,175.34
Page, Pierce to Scott; Central to Stanyan.		1,122.70	140.33	35.50	175.83
Pierce, Waller to Page; Post to California.		1,268	158.49	36.50	194.99
Pine, Polk to Laguna; Buchanan to Webster; Fillmore to Devisadero.		3,108.56	388.56	16.00	404.56
Polk, California to Sutter.		657.76	82.22	5.00	87.22
Sacramento, Buchanan to Devisadero.		2,232.12	279.02	15.00	294.02
San Bruno avenue, Twenty-fourth to Twenty-fifth.		796.71	86.84	6.67	93.51
Sanchez, Duboce to Market, off Sixteenth; Jersey to Twenty-fifth.		692.42	82.16	4.00	86.16
Scott, Duboce to Oak; Golden Gate to Bush; Sacramento to Clay, at Broadway.		6,536.63	817.08	35.67	852.75
Shrader, Page to Haight; Waller to Buclah.		123.04	15.38	4.00	19.38
Stanyan, Oak to Frederick.		1,750.46	218.81	10.67	229.48
Stockton, Ellis to Post; Pacific to Filbert.	1,890.58	12,723.44	1,547.66	771.30	2,318.96
Sutter, Fillmore to Scott.		1,206.08	150.76	3.00	153.76
Sixth avenue, H to I.		92.09	11.51	6.67	18.18
Twelfth, Mission to Harrison.		3,537.70	385.61	26.67	412.28
Thirteenth (Duboce avenue), Mission to Steiner.	1,290	23,964.83	2,913.94	185.25	3,099.19

BUREAU OF STREETS

Fourteenth, Valencia to Guerrero; Sanchez to Noe.....	395.69	49.46	10.67	60.13
Eighteenth, Howard to Hattie.....	5,475.78	596.85	237.00	853.85
Nineteenth, Mission to Guerrero.....	15,362.07	3,465.96	1,041.44	4,507.40
Twenty-fourth, San Bruno avenue to Potrero, off Caoso; Dolores to Church.....	2,997.96	326.78	15.67	342.45
Twenty-seventh, Guerrero to Church.....	503.77	54.91	6.67	61.58
Twenty-ninth, Mission to Noe.....	2,541.73	277.05	20.67	297.72
Tremont, Waller to Carl.....	207.72	25.96	5.00	30.96
Turk, Gough to Scott.....	5,082.31	635.27	31.67	666.94
Waller, Steiner to Pierce; Central to Clayton; Cole to Stanyan.....	813	101.61	42.50	144.11
Washington, Gough to Steiner, Waller to Maple.....	3,449.43	431.18	9.50	440.68
Webster, Grove to McAllister; Golden Gate avenue to Geary; California to Broadway.....	4,480.51	560.06	32.50	592.56
Totals.....	50,830.58	\$27,406.15	\$4,661.67	\$32,070.82

	Area Bindered. Sq. Ft.	Area Surfaced. Sq. Ft.	Cost Binder and Surface.	Cost Founda- tion and Inspection.	Total Cost.
March.....	22,560	41,315	\$ 5,240.47	\$ 655.25	\$ 5,895.72
April.....	31,584.48	108,256.49	14,259.34	2,037.34	16,296.68
May.....	5,184.70	109,484.02	12,574.74	2,570.14	15,144.88
June.....	50,830.58	210,049.26	27,406.15	4,664.67	32,070.82
Totals.....	110,159.76	469,104.77	\$59,480.70	\$9,927.40	\$69,408.10

Covering repairs to bituminized streets during the months of March, April, May and June, 1908.
Average cost per square foot of repairs to bituminized streets during the above months (fourteen and eight-tenths cents), \$.148.

SEWER REPAIRS AND RECONSTRUCTION.

There were 234 sewer breaks repaired during the year. Of this number seventy-seven were repairs to brick sewers and 157 were repairs to ironstone pipe sewers.

Fifty-seven manholes and 135 catchbasins were constructed.

There were 2,542 lineal feet of brick sewers, and 7,318 lineal feet of ironstone pipe sewers repaired during the year.

In the accomplishment of the above work the following quantities of materials were used:

10,638 lineal feet of iron stone sewer pipe.
242,380 brick.
2,432 sacks of cement.

The principal sewer repair and reconstruction work was performed at the following locations:

Alabama street between Twenty-third and Twenty-fourth.
Beale street between Mission and Howard.
Bluxome street between Fourth and Fifth.
Bush street between Franklin and Gough.
Brannan street between Sixth and Eighth.
Brannan street between Eighth and Ninth.
Commercial street between East and Drumm.
Capp street between Seventeenth and Eighteenth.
California street between Fourteenth and Fifteenth avenues.
Clay street between Battery and Front.
Davis street between Broadway and Vallejo.
Erie street between Mission and Howard.
Eighteenth street between San Carlos and Lexington avenues.
Eighteenth street between Division and Folsom.
Eighteenth street between Florida and Alabama.
Fourth street between Silver and Bryant.
Fourth street crossing Berry.
Fremont street between Mission and Howard.
Folsom street between Beale and Spear.
Grove street between Gough and Octavia.
Jackson street between Montgomery and Sansome.
Lexington avenue between Seventeenth and Eighteenth.
Main street between Howard and Mission.
Mission street between Beale and Main.
Nineteenth street between Valencia and Guerrero.
Powell street between North Point and Beach.
Russ street between Howard and Folsom.
Seventh street between Brannan and Townsend.
Sixth street between Berry and Channel.
Spear street between Howard and Folsom.
San Carlos avenue between Eighteenth and Nineteenth.
Sacramento street between East and Drumm.
Tenth street between Bryant and Brannan.
Tenth street between Harrison and Bryant.
Water street between Mason and Taylor.

BUREAU OF STREETS

773

The following tabulations show the work performed and materials used for each month of the fiscal year:

Month.	Brick Sewers.	Pipe Sewers.
1907—July	1	6
August	4	13
September	2	3
October	4	10
November	8	13
December	14	17
1908—January	11	7
February	9	22
March	5	20
April	9	15
May	5	21
June	5	10
Total	77	157

Month.	Manholes.	Cesspools and Inlets.
1907—July	—	1
August	4	6
September	1	2
October	2	13
November	3	19
December	2	17
1908—January	2	21
February	4	10
March	2	26
April	15	15
May	8	3
June	14	2
Total	57	135

Month.	Lineal feet of Pipe Sewers.	Lineal feet of Brick Sewers.
1907—July	335	.....
August	391	.....
September	378	.....
October	1,036	1,336
November	570	.....
December	185	200
1908—January	700	290
February	991 ½	28
March	1,377	87
April	493	255
May	862	210
June .....	.....	136
Total	7,318 ½	2,542

BOARD OF PUBLIC WORKS

MATERIAL.

Month.	Feet of Ironstone Pipe.	Brick.	Sacks Cement.
1907—July	335	1,750	27
August	452	7,375	70
September	378	5,380	45
October	895	12,310	129
November	1,172 ½	11,750	.....
December	1,919 ½	16,280	255
1908—January	1,055	21,930	291 ½
February	1,170	27,975	246 ½
March	992 ½	28,630	305
April	943 ½	23,195	413
May	1,191 ½	53,120	283
June	133 ½	32,685	367
Total	10,638	242,380	2,432

SEWER CLEANING.

(Brick Sewers.)

These sewers were cleaned with bucket and windlass through the manholes. Nineteen thousand two hundred and twenty-five cubic yards of silt were removed from the sewers and transported to the dump at a cost of \$51,972.25.

The following is a monthly exhibit of the work performed and the cost of the same:

Month.	Cubic yards Silt removed.	Cost.
1907—July	412	\$ 1,415.00
August	520	1,729.00
September	600	2,114.50
October	1,026	4,039.50
November	2,396	5,407.50
December	2,157	5,223.50
1908—January	1,179	4,178.25
February	1,060	4,883.00
March	2,362	5,597.00
April	2,470	6,084.00
May	2,649	5,736.00
June	2,394	6,565.00
Total	19,225	\$51,972.25

CESSPOOL CLEANING.

Eight thousand three hundred and forty-four cesspools or catchbasins were cleaned during the year.

Nine thousand six hundred and sixty-five cubic yards of material were removed from these cesspools and transported to the dump, at a total cost of \$20,938.25.

The following tabulated statement is an exhibit of the work performed for each month of the year:

BUREAU OF STREETS

775

Month.	Cesspools cleaned.	Cubic yards of material removed.	Cost.
1907—July	68	90	\$ 225.00
August	127	148	403.00
September	127	174	356.50
October	979	1,102	2,886.00
November	2,628	2,990	7,449.00
December	1,488	2,476	4,716.75
1908—January	721	768	1,586.00
February	436	420	907.50
March	254	238	451.00
April	558	530	773.00
May	563	548	750.50
June	395	181	434.00
Total	8,344	9,665	\$20,938.25

SEWER AND CESSPOOL FLUSHING AND SEWER EXAMINATION.

One thousand six hundred and sixty-seven blocks of iron stone pipe sewers and 9,338 cesspools were cleansed by flushing with fresh water.

Two thousand and fifty-nine blocks of sewers were examined.

Following is the monthly exhibit of the work performed:

Month.	Blocks of Sewers examined.	Cesspools flushed.	Blocks of Sewers flushed.
1907—July	185	672	128
August	193	590	136
September	193	634	114
October	196	542	110
November	114	982	185
December	201	955	174
1908—January	198	972	168
February	173	897	149
March	95	544	91
April	158	698	142
May	171	912	142
June	182	940	128
Total	2,059	9,338	1,667

SIDE SEWER CONSTRUCTION.

The laborers of the Bureau of Streets constructed 3,078 side sewers.

The money deposits for this work during the year amounted to \$126,396.05.

CARPENTER WORK.

The carpenters employed by the Bureau of Streets construct and place all danger barricades, construct sewer forms, windlass frames, and perform all the general jobbing. They also make repairs to the plank roadways on the water front, and timber dangerous sewer trenches.

In addition to the above work the following are the principal items of construction and repair work performed during the year:

Bay street, crossing Taylor—Constructed wooden box sewer.

Broadway, between East and Drumm streets—Repaired inside lining of wooden box sewer.

Charles street Bridge—Repaired roadway and constructed guard rails.

Clay street, between Drumm and East streets—Constructed 412 lineal feet of 3x5 foot box sewer.

Commercial street, between center line of East street and center line of Drumm street—Constructed 425 feet of 3x5 foot box sewer.

Channel street—Repaired wooden box sewer at crossing of Eighth and Ninth streets, and between Seventh and Eighth streets.

Diamond, crossing Chenery street—Constructed 60 feet of 4x5 foot box sewer.

Davis street, between Pacific and Broadway—Constructed 245 feet of box sewer.

Fillmore street, between Bay and North Point streets—Repaired wooden box outlet sewer.

Folsom street, between Stenart and East streets—Constructed 60 feet of 3x5 foot wooden box sewer.

Green street, between Montgomery and Sansome streets—Constructed 3 feet of box sewer and wooden catchbasin.

Howard street, crossing Seventh—Constructed 3x5 foot box sewer.

Hearst avenue, crossing Detroit street—Repaired plank bridge.

Howard street, at East street—Repaired box sewer outlet.

Laguna street, crossing Beach street—Constructed 50 feet of 2x2 foot box sewer.

Mission street, crossing Ottawa street—Constructed a bulkhead 100 feet in length and 11 feet high.

Mission street, at Amazon avenue—Constructed wooden culvert.

Mission street, at Ottawa street—Constructed 50 feet of 2:6x4 foot box sewer.

Powell street, between North Point and Beach streets—Constructed 170 feet of 3x5 foot box sewer.

Sixteenth Street Corporation Yard—Constructed two buildings, 16x20 feet, for store rooms.

Sixteenth avenue, between F and G streets (South)—Constructed 98 feet of wooden box sewer.

Third Street Bridge—General jobbing work performed.

Tenth street, between Bryant and Brannan streets—Constructed 550 feet of wooden box sewer.

Union street, between Montgomery and Sansome streets—Repaired box sewer.

REPAIRING AND CLEANING OF FIRE CISTERNS.

The sewer repair and cleaning forces of the Bureau of Streets made repairs to and cleaned out the following water cisterns of the Fire Department, and made them ready for service:

Crossing Bush and Kearny streets.

Crossing Broadway and Powell streets.

Crossing Broadway and Dupont streets.

Crossing Broadway and Stockton streets.

Crossing Clay and Taylor streets.

Crossing Commercial and Montgomery streets.

Crossing California and Mason streets.

Crossing California and Dupont streets.

Crossing Cumberland and Guerrero streets.

Crossing Clay and Stockton streets.
 Crossing California and Montgomery streets.
 Crossing Dupont and Pacific streets.
 Crossing Dupont and Greenwich street.
 Crossing Dupont and Vallejo streets.
 Crossing Dupont and Union streets.
 Crossing Dupont and Green streets.
 Crossing Dupont and Greenwich streets.
 Crossing Ecker and Stevenson streets.
 Crossing Eleventh and Railroad avenues (South).
 Crossing First and Folsom streets.
 Crossing Folsom and Sixteenth streets.
 Crossing Filbert and Powell streets.
 Crossing Fifteenth and Railroad avenues (South).
 Crossing First and Harrison streets.
 Crossing Green and Powell streets.
 Crossing Jackson and Jones streets.
 Crossing Jackson and Powell streets.
 Crossing Kearny and Merchant streets.
 Crossing Kearny and Pacific streets.
 Crossing Leavenworth and Union streets.
 Crossing Montgomery and Pacific streets.
 Nineteenth street, between Folsom and Shotwell streets.
 Crossing Pacific and Sansome streets.
 Crossing Powell and Washington streets.
 Crossing Powell and Pacific streets.
 Crossing Pacific and Stockton streets.
 Crossing Stockton and Union streets.
 Crossing Shotwell and Twenty-second streets.
 Crossing Stockton and Union streets.
 Crossing Stockton and Vallejo streets.
 Crossing Stockton and Washington streets.

CORPORATION TRENCHES.

The public service corporations made 11,022 street openings during the year, for the construction of services to buildings and 824 blocks of mains.

The replacement of the street pavement over the trenches is under the supervision of two Inspectors of the Bureau of Streets.

The following is a statement of the street openings made for service connections and mains by each company:

SERVICES.

San Francisco Gas and Electric Company.....	5,864
Spring Valley Water Company.....	3,560
Metropolitan Light and Power Company.....	976
Pacific Telephone and Telegraph Company.....	358
Home Telephone Company.....	73
City Electric Company.....	189
Claus Spreckels Company.....	2
Total	11,022

BLOCKS AND CROSSINGS.

San Francisco Gas and Electric Company.....	271
Spring Valley Water Company.....	47
Metropolitan Light and Power Company.....	26
Pacific Telephone and Telegraph Company.....	72
Home Telephone Company.....	386
Commercial Pacific Cable Company.....	3
City Electric Company.....	13
Claus Spreckels Company.....	6
Total	824

INSPECTION OF COMPLAINTS.

There are two Inspectors in the Bureau of Streets whose duties are to examine the condition of streets before the return of money deposited for street space and house-moving permits.

They serve notices upon property owners requiring the construction of sidewalks and guardrails, repair of side sewers, construction of bulkheads, removal of obstructions, and generally to exact compliance with municipal ordinances regarding the use of streets.

The following exhibits show the work performed by these Inspectors and the compliance by property owners and others with the notices served:

EXAMINATIONS MADE AND NOTICES SERVED.

	Examinations, Street Space Permits.....	Examinations, House Moving Permits.....	Repair Sidewalks.....	Repair Side Sewers.....	Remove Obstructions.....	Construct Guardrails.....	Miscellaneous
1907—July	282	6	43	16	75	...	81
August	524	3	66	10	79	....	87
September	215	....	45	31	97	....	93
October	291	1	93	8	134	....	158
November	279	2	78	4	104	25	87
December	310	....	48	7	100	....	112
1908—January	249	....	123	12	130	....	140
February	184	1	112	27	111	....	104
March	224	3	151	23	115	....	158
April	211	4	99	5	72	11	68
May	205	3	58	5	83	15	88
June	259	6	81	3	49	19	47
Total	2,963	29	997	151	1,148	70	1,223

NOTICES COMPLIED WITH.

	Street Space Permits Approved	House Moving Per- mits Approved.....	Sidewalks Repaired....	Side Sewers Repaired	(O)structions Re- moved	(Gar)drails Con- structed	Miscellaneous
1907—July	236	4	38	16	68	...	81
August	221	2	64	10	75	...	87
September	178	...	34	30	89	...	93
October	261	...	70	8	128	...	158
November	260	2	71	4	95	25	87
December	282	...	42	4	99	...	112
1908—January	206	...	97	11	122	...	140
February	146	1	88	14	103	...	104
March	201	3	134	3	108	...	158
April	215	4	83	3	71	11	77
May	189	2	48	5	76	13	88
June	272	6	43	3	34	11	47
Total	2,667	24	812	111	1,068	60	1,232

HOUSE NUMBERING.

The rebuilding of the city has created an extraordinary demand for house numbering.

The ordinance regulating the numbering of buildings, which before the fire was not enforced because of the conflict and confusion that would ensue, is now being adhered to in the numbering of new buildings.

Four thousand three hundred and eighty-nine certificates for the numbering of buildings were issued.

Two hundred and seven blocks which were irregularly numbered have been entirely renumbered.

The following is a monthly tabulation of the work performed:

Month.	Certificates Issued.	Blocks Renumbered.
1907—July	375	22
August	462	14
September	357	17
October	354	22
November	399	19
December	325	12
1908—January	312	14
February	280	15
March	411	17
April	314	17
May	370	17
June	430	21
Total	4,389	207

BOARD OF PUBLIC WORKS

STREET ASSESSMENTS.

The Bureau of Streets prepared seventy-one (71) assessments for street work, completed under public contract, pursuant to awards made by the Board of Public Works.

The total cost of street work performed under public contract, as per the assessments issued, amounted to \$140,000.

These street assessments vary in amounts from \$400 to \$22,000.

MISCELLANEOUS.

The Bureau of Streets during the fiscal year ending June 30, 1908, prepared fifteen (15) Resolutions of Intention, recommending the ordering of one hundred and fifty-six (156) separate descriptions of work, providing for the improvement of one hundred and fifteen (115) crossings and one hundred and eighty-five (185) blocks of work.

There were prepared and posted along the line of said contemplated improvements, eighteen hundred and eighty-one (1881) "Notices of Street Work," stating the fact of the passage by the Board of Public Works of the resolution of intention and the work or improvement proposed.

There were also four thousand and forty-two (4042) copies of the Resolution of Intention addressed and mailed to the owners of property affected by these improvements.

PRIVATE CONTRACTS.

There were filed and indexed four hundred and twelve (412) copies of agreement between property owners and contractors to do street work under "Private Contract" during said fiscal year.

The Bureau of Streets posted along the streets described in thirty-nine (39) Resolutions of Intention passed by the Board of Supervisors, several thousand "Notice of Grade Change" changing and establishing grades in numerous locations and over a large section of territory.

CASHIER'S REPORT

San Francisco, California, August 10th, 1908.

To the Honorable, the Board of Public Works,
of the City and County of San Francisco.

Gentlemen: I have the honor to submit herewith my Annual Report, showing receipts of this office and disbursements therefrom, during the fiscal year ending June 30th, 1908.

Respectfully,

J. T. DONAHUE,
Cashier, Board of Public Works.

ANNUAL STATEMENT OF CASHIER, BOARD OF PUBLIC WORKS, FOR
THE FISCAL YEAR ENDING JUNE 30, 1908.

J. T. DONAHUE, Cashier.

Showing Total Amount of Money Received from All Sources, from July 1, 1907,
to and inclusive of June 30, 1908.

Permits
Issued.

RECEIPTS.

1,689	From street space permits.....	\$ 39,390.00
224	From sidewalk permits.....	5,100.00
54	From sub-sidewalk permits.....	4,660.00
25	From house moving permits.....	1,345.00
3,807	From house building permits (fees).....	52,024.00

Receipts
Issued.

2,969	From side sewer deposits (3,078 sewers).....	126,396.05
287	From balances due on 287 side sewers underestimated....	4,467.12
837	From Bureau of Engineering, fees collected, surveys, etc	18,540.10
91	From advertising charges.....	5,519.35
8	From sale of old material.....	2,885.50
	From chimney inspection fees (to September 30, 1907)	131.00
4	From property owners, collected for costs incurred in "clearing away debris".....	181.10
9,995	Total	\$260,639.22

DEPOSITS

With City and County Treasurer (as per receipts) to the credit of

Special Permit Fund.....	\$ 49,150.00
Tearing Up Streets Fund.....	130,863.17
House Moving Fund.....	1,345.00
General Fund	55,090.60
Unapportioned Fee Fund	18,671.10
Advertising Fund	5,519.35
Total.....	\$260,639.22

DISBURSEMENTS.

By demands drawn on City and County Treasurer by Cashier, Board of
Public Works, for the fiscal year ending June 30, 1908.

Demands
Issued.

SPECIAL PERMIT FUND.

1,966	Street space permits (deposits refunded).....	\$ 46,035.00
210	Sidewalk permits (deposits refunded).....	4,620.00
58	Sub-sidewalk permits (deposits refunded).....	3,680.00
2,234	Total amounting to.....	\$ 54,335.00

CASHIER'S REPORT

783

HOUSE MOVING FUND.

29	Demands issued for return of deposits on House Moving	
	Permits amounting to.....	\$ 1,370.00

TEARING UP STREETS FUND.

3,195	Unexpended balances on side sewer deposits.....	\$ 46,403.37
63	Bitumen, etc., repairs over side sewer trenches.....	12,533.45
49	Materials, tool sharpening and repairs.....	1,369.66
12	Horse and buggy (Side Sewer Inspector).....	540.00
832	Salaries and wages of Inspector, Foreman and Sidesewer- men	75,923.85
<hr/>		
4,151	Total amounting to.....	\$136,770.33
Demands		

RECAPITULATION.

Issued.		Amount.
2,234	Special Permit Fund.....	\$ 54,335.00
29	House Moving Fund.....	1,370.00
4,151	Tearing Up Streets Fund.....	136,770.33
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6,414	Total	\$192,475.33

STATEMENT OF DISBURSEMENTS FROM TEARING UP STREETS FUND, FOR FISCAL YEAR, 1907-1908, BY CASHIER,
BOARD OF PUBLIC WORKS.

Month.	Unexpended Balances.	Materials, etc.	Bitumen Paving.	Basalt Paving.	Teaming.	Inspection and Buggy Hire.	Wages.	Total.
1907—July	\$ 1,703.47	\$ 34.50	\$ 791.83	\$ 294.25	\$ 370.45	\$ 385.00	\$ 5,933.50	\$ 9,513.00
August	2,326.01		1,389.13	454.75	378.60	340.00	6,034.50	10,922.99
September	4,012.41	68.45	1,196.45	400.00	333.10	340.00	6,869.65	13,820.06
October	3,959.05	156.42	1,195.42	483.35	376.20	475.00	6,792.50	13,437.94
November	4,633.99	116.39	795.80	420.75	383.50	385.00	6,180.30	12,915.73
December	4,704.15	404.36	1,195.21	391.00	403.00	385.00	5,280.50	12,763.22
1908—January	3,814.16	148.24	1,393.11	384.75	403.00	385.00	5,353.50	11,931.66
February	2,233.54	45.80	399.74	209.35	351.00	385.00	1,743.00	5,317.53
March	6,871.92	90.35	1,790.37	201.90	383.50	385.00	3,900.50	13,623.54
April	3,309.01	84.92	397.21	418.65	377.00	385.00	5,019.00	9,990.79
May	3,387.56	74.42	795.22	394.25	365.65	385.00	4,656.00	10,058.10
June	4,848.10	145.81	1,193.96	244.40	377.00	385.00	5,281.50	12,473.77
Total.....	\$46,403.37	\$1,369.66	\$12,533.45	\$4,297.40	\$4,502.00	\$4,620.00	\$63,044.45	\$136,770.33

CASHIER'S REPORT

785

STATEMENT OF CASHIER, BOARD OF PUBLIC WORKS, SHOWING TOTAL RECEIPTS FROM ALL SOURCES (BY MONTHS),
FROM JULY 1, 1907, TO AND INCLUSIVE OF JUNE 30, 1908.

Month.	Street Space Sidewalk Sub-side- walk.....	Side Sewer Deposits.....	Balances Side Sewers...	House Mov- ing Permits...	House Build- ing Permits...	Bureau of Engineering...	Old Material...	Advertising Charges.....	Miscellaneous..	Total.....
1907—July	\$2,890.00	\$ 9,516.00	\$134.10	\$ 60.00	\$4,869.00	\$2,241.00		\$303.65	\$256.10	\$20,269.85
August	2,680.00	13,329.05	358.35	40.00	4,882.00	1,516.00	\$2,016.00	950.55	28.00	25,799.95
September	4,790.00	14,780.00	435.28		4,699.00	1,017.00		647.20	28.00	26,396.48
October	4,160.00	13,625.00	288.92	40.00	5,754.00	1,695.50		611.60		26,185.02
November	1,750.00	9,109.00	323.11	40.00	2,915.50	1,078.00		541.85		15,757.46
December	2,530.00	9,260.00	814.25	240.00	1,627.00	1,007.50		359.50		15,598.25
1908—January	2,830.00	7,625.00	415.38	145.00	3,257.50	1,698.00		545.35		16,611.23
February	4,000.00	8,700.00	871.30	230.00	4,175.50	1,521.25	544.50	68.40		20,025.95
March	6,480.00	10,129.00	217.96	60.00	5,597.00	1,438.00		286.00		24,377.96
April	6,720.00	9,925.00	95.24	100.00	4,329.00	2,067.50		337.25		23,633.99
May	4,460.00	8,310.00	199.03	390.00	5,161.50	1,301.10	325.00	136.50		19,993.13
June	5,860.00	12,088.00	304.20		4,657.00	1,959.25		731.50		25,989.95
Total.....	\$49,150.00	\$126,396.05	\$4,467.12	\$1,345.00	\$52,024.00	\$18,540.10	\$2,885.50	\$5,519.35	\$312.10	\$260,639.22

BOARD OF PUBLIC WORKS

COMPARATIVE STATEMENT SHOWING TOTAL RECEIPTS OF MONEY FROM ALL SOURCES BY CASHIER, BOARD OF PUBLIC WORKS, FOR THE FISCAL YEARS COMMENCING JULY 1, 1901, TO AND INCLUSIVE OF JUNE 30, 1908.—J. T. DONAHUE, CASHIER.

	Fiscal Year 1901-1902.	Fiscal Year 1902-1903.	Fiscal Year 1903-1904.	Fiscal Year 1904-1905.	Fiscal Year 1905-1906.	Fiscal Year 1906-1907.	Fiscal Year 1907-1908.	Total.
Street space permits.....	\$26,485.00	\$41,855.00	\$ 49,215.00	\$59,815.00	\$51,285.00	\$51,580.00	\$39,390.00	\$319,625.00
Sidewalk permits.....	3,395.00	6,520.00	7,370.00	11,060.00	included above	2,330.00	5,100.00	35,775.00
Sub-sidewalk permits.....	2,765.00	3,600.00	2,560.00	3,120.00	included above	4,960.00	4,660.00	21,665.00
House moving permits.....	3,225.00	3,555.00	3,855.00	3,135.00	3,130.00	1,920.00	1,345.00	20,165.00
House building permits.....	14,411.00	17,793.00	21,339.50	23,856.00	22,620.50	107,534.50	52,024.00	259,578.50
Side sewer deposits.....	29,284.85	51,010.00	65,961.50	76,831.00	67,834.15	119,592.05	126,396.05	536,909.60
Sewers underestimated.....	included above							
City Engineer (fees).....	11,306.25	3,884.91	4,894.65	2,486.89	included above	1,241.00	4,467.12	13,974.57
Advertising charges.....	121.55	14,120.75	17,192.00	22,910.50	19,769.75	17,158.50	18,540.10	120,997.85
Chimney inspection.....		1,068.00	2,008.35	2,620.70	2,183.50	1,733.10	5,519.35	15,254.55
Sale of old material.....					52,313.00	33,861.00	131.00	86,305.00
Miscellaneous.....	256.85	390.50	53.40	1,014.00		1,682.50	2,885.50	6,312.75
		188.26	87.90	2.00		529.17	181.10	988.43
Total.....	\$91,250.50	\$143,985.42	\$171,537.30	\$206,881.09	\$219,135.90	\$344,121.82	\$260,639.22	\$1,437,551.25

BOOKKEEPER'S REPORT

San Francisco, August 15, 1908.

To the Honorable, the Board of Public Works
Of the City and County of San Francisco.

Gentlemen: Herewith transmitted you will please find a summary of expenditures, also tabulation of classes of work performed during the fiscal year 1907-1908, just closed.

It may be noted that the original "Budget" appropriations were for salaries. All other moneys which were expended, were specifically set forth and allowed by the Board of Supervisors, and applicable only to their respective segregations.

In many instances the work was not completed prior to June 30th, 1908, and the moneys were transferred and carried forward to fiscal year 1908-1909.

The separate appendices will show concisely the "Exhibits" as compiled from the books and records of this office.

Respectfully submitted,

LEONARD S. LEAVY, Bookkeeper.

SALARIES.

Department.	Expended.	Appropriation.
General office	\$38,760.08	\$176,000.00
Bureau Light and Water.....	2,400.00	
Bureau Buildings; Repairs.....	8,120.00	
Bureau of Streets.....	24,450.00	
Corporation Yard	3,409.15	
Bridges	17,990.00	
Janitorial Department	35,077.50	
Street Cleaning	2,942.00	
Bureau of Engineering.....	42,531.62	
Total		\$175,680.35
Balance—Surplus		\$319.65
Building Inspection appropriation		\$25,200.00
Inspectors and Clerks, salaries.....	\$24,800.00	24,800.00
Surplus		\$400.00

STREETS, SEWERS, ROADS, BOULEVARDS, ETC.

FUND.	Appropriation.	Expended.	Surplus.	Deficit.	Remarks.
Repairing bituminous and asphalt pavements	\$100,000.00	\$ 99,851.72	\$ 148.28		Carried over to 1908-09.
Purchase of asphalt paving plant	12,500.00	209,373.07	12,500.00	5,373.07	†This deficit is made up from transferred surplus account of other funds.
Cleaning and repairing sewers	204,000.00				
Cleaning and sprinkling streets	315,000.00	314,547.48	452.52		*This deficit is made up from transferred surplus of other accounts.
Urgent repairs to streets	234,200.00	254,097.92		19,897.92	
Repairs to County roads	10,000.00	9,998.63	1.37		Surplus carried over to 1908-09.
Fencing automobile boulevard	5,000.00	2,663.45	2,336.55		
Repairs to streets on water front	5,000.00	4,892.47	107.53		
Repairs to bridges—general	10,000.00	9,998.13	1.87		
Repairs to Fourth street bridge machinery	400.00	396.10	3.90		
Repairs to bridges—special	3,000.00	3,007.88		7.88	
Corporation yard expenses	7,000.00	6,994.29	5.71		*Added to Urgent Repairs Streets.
Purchase of basalt blocks	2,500.00	2,085.20	414.80		
Maintenance Bridges	1,500.00	1,349.22	150.78		
Replanking Third street bridge	2,060.00	1,537.06	502.94		Surplus carried over.
General maintenance	20,000.00	20,407.95		407.95	Charged against surplus 1907-08.
Repaving Fourth street; Howard to Freelon	65,000.00	59,094.77	5,905.23		*Added to Urgent Repairs.
Repaving Howard street; East to Twenty-sixth	25,000.00	18,448.02	6,551.98		*Added to Repairs Streets.
Repaving Howard street; Seventeenth to Eighteenth	7,500.00	6,611.38	888.62		*Added to Repairs Streets.
Repaving Kearny and Montgomery streets	5,000.00	2,414.00	2,586.00		Carried over to 1908-09.
Setting back hydrants	2,250.00	2,250.00			
Paving Seventh street; Market to Mission	4,000.00	3,910.40	89.60		*Added to Repairs Streets.
Repaving Willmore street	25,000.00	22,046.30	2,953.70		*Added to Repairs Streets.
Repaving Mission street; East to Second	5,000.00	912.00	1,088.00		*Added to Repairs Streets.
Repaving San Bruno avenue	2,000.00	4,998.49			
Fulton street, grading Thirty-second to Forty-seventh avenues	10,000.00		10,000.00		Contract let; money carried over.
Repairing Railroad avenue	2,000.00	1,977.99	22.01		
Road to Cliff House and Parapet	2,000.00	1,982.50	7.50		
Extension Taylor street sewer	2,500.00	779.27	1,720.73		†Transferred to General Sewer Account.

BOOKKEEPER'S REPORT

Sewer, Ninth street, Bryant to Brannan.....	6,200.00	4,724.16	1,475.84	†Transferred to General Sewer Account.
Sewer, Beale street, Market to Mission.....	3,000.00	1,788.35	1,211.65	†Transferred to General Sewer Account.
Sewer, Mission street, Second to East.....	3,000.00	2,021.50	978.50	†Transferred to General Sewer Account.
Sewer, Main street, Market to Mission.....	3,200.00	1,922.60	1,277.40	†Transferred to General Sewer Account.
Dredging sewer.....	2,400.00	690.00	1,710.00	†Transferred to General Sewer Account.
Sixth street sewer; cleaning and repairing	500.00	504.50	4.50	Carried over 1908-09.
Sacramento street sewer; Davis to East.....	8,000.00	1,610.03	6,389.97	†Contract awarded; carried over 1908-09.
California street sewer; Davis to Drumm	5,000.00		5,000.00	†Contract awarded; carried over 1908-09.
Commercial street sewer; cleaning and repairing	3,000.00	5,071.15	2,071.15	†Recharged to General Sewers. Contract let 1908-09.
Commercial street sewer; reconstruction.	30,000.00	395.76	29,404.24	
Brannan street sewer.....	10,000.00	9,999.13	.87	
Channel street sewer; cleaning.....	5,000.00	4,974.92	25.08	Carried over to 1908-09.
Channel street sewer; reconstruction	50,500.00		50,500.00	
Eighteenth street sewer; Folsom to Division	3,000.00	2,997.03	2.97	†Balance to Sewers.
Fifth street sewer; cleaning.....	500.00	420.50	79.50	
Tenth street; Bryant to Brannan (sewers)	3,000.00	2,990.50	9.50	
Mission street; Fremont to Spear (sewers)	2,000.00	1,995.50	4.50	
Clementina street; Second to Third (sewers)	500.00	450.00	50.00	
Townsend street; Second to Third (sewers)	500.00	495.75	4.25	
Seventh street sewer; cleaning.....	500.00		500.00	†Balance to Sewers.
Washington street; Montgomery to East (sewers)	3,000.00	2,987.25	12.75	
Clay street; Montgomery to Drumm (sewers)	2,000.00	1,999.90	.10	
Jackson street; Montgomery to East (sewers)	3,000.00	2,998.15	1.85	
Folsom street; Spear to Main (sewers)	1,000.00	994.50	5.50	
Pine street; Market to Battery (sewers)	4,000.00	3,612.88	387.12	†Balance to Sewers.
Stevenson street sewer	3,500.00	2,935.48	564.52	†Balance to Sewers. Carried over 1908-09.
Pumping station, Fourth and Berry streets	2,000.00	1,473.80	526.20	
Sansome street sewer; Market to Pacific	2,000.00	1,992.75	7.25	
Battery street; Market to Pacific.....	2,000.00	1,998.75	1.25	
Sewer; H and First avenues.....	850.00	486.27	363.73	†Balance transferred to Sewers. To Surplus.
First avenue, between Parnassus and I.....	700.00	700.00		
Sewer; front Bay View School.....	472.00	472.00		

REPAIRS TO BUILDINGS—MISCELLANEOUS ACCOUNT.

FUND.	Appropriation.	Expended.	Surplus.	Deficit.	Remarks.
General repairs to buildings.....	\$30,875.00	\$30,878.31		\$ 3.31	
Repairs City Hall and Hall Records.....	6,394.30	6,394.30		6,394.30	Charged to Rehabilitation.
Heating plant, Hall Records.....	410.00	410.00			
Alterations, Treasurer's office.....	330.00	327.80	\$ 2.20		
Repairs, Police Department.....	7,500.00	7,231.57	268.43		
Repairs, Seventeenth St. Police Station.....	2,600.00	2,596.05	3.95		
Repairs, Police Stables.....	350.00	364.10		14.10	Recharged to general police repairs
Repairs, Central Police Station.....	3,000.00	3,061.68		61.68	Recharged to general police repairs
Repairs, Emergency Hospital.....	2,060.00	2,245.86		185.86	\$195.60 recharged to General Fund.
Ventilating Central Police Station.....	900.00	854.50	45.50		
Shelves and tables, Law Library.....	1,050.00	1,050.00			
Repairs to jails.....	2,500.00	2,510.72		10.72	Deducted from Jail 3 account.
Repairs to Jail No. 3.....	5,000.00	4,961.65	38.39		
Repairs to jails—Special.....	2,500.00	2,446.00	54.00		
Fire Apparatus—Jails.....	350.00	4,328.24	350.00		
Continuous repairs, Fire Department.....	15,000.00	1,554.67	671.76		
Feed bins, Fire Department.....	2,000.00	1,554.67	445.33		
Completion Temporary Houses, Fire Dept.	15,600.00	16,125.20			
Repairs, Houses, Fire Department.....	14,400.00	14,648.96		525.20	Recharged to continuous repairs.
Concrete foundations, Fire Department.....	6,000.00	5,849.34	150.66	248.96	Recharged to continuous repairs.
Manure pits, Fire Department.....	3,000.00	2,771.55	228.45		
Repairs to cisterns.....	12,500.00	12,493.22	6.78		
Wiring Mayor's and Auditor's Offices.....	390.00	357.66	32.34		
Wiring County Clerk's Office.....	345.00	250.90	94.10		
Janitor's supplies and fuel.....	4,950.00	4,946.33	3.67		
Moving and installing Assessor.....	1,750.00	1,721.65	28.35		
Repairs, Treasurer's Office.....	7,825.00	7,962.69		137.69	Deficit to general repairs.
Basement for Registrar.....	900.00	918.55		18.55	Deficit to general repairs.
Isolation Hospital—General.....	5,000.00	5,000.00			
Isolation Hospital—Sanitation.....	11,327.07	11,327.07			
Fitting up Tax Collector's Office.....	750.00	749.55	.45		
Repairs to roof, Pest House.....	350.00	278.99	71.01		‡Balance transferred to general repairs, Alms House.
Alms House, bakery and oven.....	1,500.00	1,468.00	32.00		‡Deficit transferred to general repairs, Alms House.
Alms House, Building No. 2.....	6,000.00	6,211.26		211.26	

BOOKKEEPER'S REPORT

Alms House roof, Building No. 1.....	500.00	291.63	208.37	‡Balance transferred to general re- pairs, Alms House.
Cleaning wells at Alms House.....	225.00	225.00		‡Balance transferred to general re- pairs, Alms House.
Painting at Alms House.....	600.00	589.75	10.25	‡Balance transferred to general re- pairs, Alms House.
Deepening wells at Alms House.....	580.00	176.00	404.00	‡Balance transferred to general re- pairs, Alms House.
Plumbing, etc., at Alms House No. 2.....	985.00	769.81	215.19	‡Balance transferred to general re- pairs, Alms House.
Repairing Building No. 2, Alms House.....	900.00	797.50	102.50	‡Balance transferred to general re- pairs, Alms House.
Screens at Alms House.....	1,500.00	984.00	416.00	‡Balance transferred to general re- pairs, Alms House.
‡ Repairs to Alms House—General.....	1,245.05	1,721.67	444.62	Deficit transferred to general buildings.
Fire Protection—Alms House.....	705.00	702.50	2.50	Transferred to 1908-1909.
Engine House—Bush and Kearny.....	22,000.00	851.16	21,148.84	Transferred to 1908-1909.
Engine House—Sixteenth and Albion.....	12,500.00	12,036.37	463.63	
Engine House—Green and Leavenworth.....	8,554.00	8,382.78	171.22	
Building for Department Electricity.....	15,000.00	14,983.50	16.50	
Repairs Warehouse, Dept. Elections.....	590.00	589.00	1.00	Transferred to 1908-1909.
Inferior and sidewalks, Dept. Electricity.....	715.00	299.96	415.04	
Architect's salaries.....	3,800.00	3,776.04	23.96	
Investigation City Hall and Dome.....	1,000.00	974.07	25.93	
Public utilities.....	1,300.00	1,159.09	140.91	
Water supply plans.....	600.00	600.00		
Razing Larkin street wing City Hall.....	2,275.00	2,275.00		
Razing Hall of Justice.....	8,890.00	8,890.00		
Dismantling machinery at Hospital.....	9,975.00	9,975.00		
Moving City and County Hospital to Alms House.....	350.00	325.00	25.00	
Repairs, City and County Hospital.....	1,000.00	971.70	28.30	
Planked sidewalks to Isolation Hospital.....	2,000.00	1,811.70	89.30	
Fire Protection, City and County Hospital.....	400.00	311.90	88.10	
Heating and fixtures, Towle Building.....	208.00	208.00		
Model Camp, Ingleside.....	730.00	730.00		
Preparation of sewer maps.....	10,000.00	9,972.58	27.42	
Surveys for street and monument lines.....	5,000.00	4,987.21	12.79	
Poles, sockets for parade barriers.....	2,000.00	4,946.20	53.80	
Tearing down City and County Hospital.....	3,500.00	2,240.13		
Repairs, School buildings.....	4,800.00	1,920.39	1,579.61	Charged to surplus.
Repairs, Garfield School.....	4,800.00	5,093.64	293.64	
Repairs, Brazil and Moscow School.....	4,800.00	4,807.63		
Construction Girls' High School.....	28,000.00	25,069.05	2,930.95	Balance for equipment.

REPAIRS TO BUILDINGS—MISCELLANEOUS ACCOUNT—(Continued).

FUND.	Appropriation.	Expended.	Surplus.	Deficit.	Remarks.
Cleaning off lot, Girls' High School.....	2,000.00	1,537.00	463.00		
Moving booths, Girls' High School.....	100.00	50.00	50.00		
Replanking school premises.....	10,000.00	50.00	10,000.00		Carried over 1908-1909.
Concrete floors, Police Department.....	675.00	577.66	97.34		
Concrete pits, Police Department.....	700.00	748.26		48.26	
Foundation walls, Police Department.....	900.00	875.00	25.00		
Repairs to stations.....	600.00	569.56	30.44		
Improvement and repair, Twenty-sixth Street Hospital.....	10,000.00	180.00	9,820.00		Transferred to 1908-1909.
Screen, slab, etc., Morgue.....	2,025.00	1,676.18	348.82		Transferred to 1908-1909.
Alms House Building—Tearing down.....	1,000.00	995.00	5.00		
Alms House—Grading for Infirmary.....	10,000.00	7.29	9,992.80		Transferred to 1908-1909.
Juvenile Detention Home.....	225.00	207.90	17.10		
Investigation Water Supply—Additional.....	2,500.00	491.39	2,008.61		Transferred to 1908-1909.
Ventilating Judge Lawlor's Court.....	150.00	89.93	60.07		
Registrar' maintenance.....	500.00	363.90	136.10		

CONTRACTS AWARDED AND WORK PERFORMED DURING FISCAL
YEAR 1907-1908.

STREETS AND SEWERS.

Location of Work.	Contract.	Mis- cellaneous Expenses.	Total.
Fourth street, Howard to Freelon.....	\$58,069.77	\$1,025.00	\$59,094.77
Howard street, Seventeenth to Eighteenth	6,571.38	40.00	6,611.38
Sewer, Ninth street, Bryant to Brannan..	4,374.16	350.00	4,724.16
Sewer, Beale street, Market to Mission....	1,733.35	55.00	1,788.35
Sewer, Main street, Market to Mission....	1,802.60	120.00	1,922.60
Dredging sewer	690.00		690.00
Sewer, Pine street, Market to Battery.....	3,367.88	245.00	3,612.88
Sewer, Stevenson street.....	2,805.48	130.00	2,935.48
Seventh street, Market to Mission.....	3,775.40	135.00	3,910.40
Setting back hydrants.....	2,250.00		2,250.00
Pumping stations, Fourth and Berry.....	1,473.80		1,473.80
Sewer, H street and First avenue.....	486.27		486.27
Sewer, Bay View School.....	472.00		472.00
Repaving Fillmore street.....	21,618.80	427.50	22,046.30
Repaving San Bruno avenue.....	4,473.75	524.74	4,998.49
Repaving Railroad avenue.....	1,644.25	333.74	1,977.99

BUILDINGS.

Location of Work.	Contract.	Mis- cellaneous Expenses.	Total.
Engine House, Sixteenth and Albion.....	\$11,887.00	\$149.37	\$12,036.37
Engine House, Green and Leavenworth....	7,415.00	967.78	8,382.78
Building, Department of Electricity.....	14,763.50	220.00	14,983.50
Razing Larkin street wing City Hall.....	8,890.00		8,890.00
Razing Hall of Justice.....	9,975.00		9,975.00
Construction of Girls' High School.....	24,690.00	379.05	25,069.05
Clearing off Girls' High School lot.....	850.00	687.00	1,537.00
Tearing down Alms House Building.....	950.00	45.00	995.00

CONTRACTS AWARDED—WORK UNDER WAY BUT NOT COMPLETED;
MONEYS CARRIED OVER TO 1908-1909.

STREETS AND SEWERS.

Location of Work.	Appropriation.	Contract.	*Expended to June 30.
Sacramento street sewer, Davis to East....	\$ 8,000.00	\$ 5,041.50	\$1,610.03
California street sewer, Davis to Drumm	5,000.00	4,914.50	
Asphalt paving plant.....	12,500.00	8,980.00	
Commercial street sewer, Drumm-Sansome	30,000.00	26,779.40	595.76
Fulton street, Thirty-seventy to Forty-second avenues.....	10,000.00	10,000.00	

BUILDINGS.

Location of Work.	Appropriation.	Contract.	*Expended to June 30.
Engine House, Bush and Kearny.....	\$22,000.00	19,900.00	\$851.16
Replanking school premises.....	10,000.00	10,000.00	
Grading, Alms House.....	10,000.00	6,350.00	7.20

* Balance transferred to General Fund, 1908-1909.

CONTRACTS AWARDED AND WORK COMPLETED UNDER BOND
ISSUE 1907-1908.

STREETS AND SEWERS.

Date.	Location of Work.	Contract Price.
Aug., 1907	Paving Mission street, Sixth to Ninth.....	\$24,353.41
Aug., 1907	Fourth street sewer, Howard to Channel.....	4,127.34
Sept., 1907	Seventh street sewer and tributaries.....	32,052.40
Sept., 1907	Paving Bartlett alley.....	1,399.26
Jan., 1908	Sixth street sewer and tributaries—balance.....	13,296.47
Jan., 1908	Sewer, Steuart street, Market to Mission.....	5,374.11
Feb., 1908	Ellis street, Stockton to Larkin, paving.....	31,663.65
Mar., 1908	Sixth street sewer and tributaries—2nd balance.....	11,523.15
Mar., 1908	Paving Market street, East to Second.....	67,059.83
Mar., 1908	Drum street sewer, Market to Commercial.....	15,867.03
May, 1908	Harrison street pavement, Fourth to Sixth.....	43,061.57
June, 1908	Sewer, First street, Market to Harrison.....	2,192.96
June, 1908	Steuart, between Mission and Howard (sewer).....	2,253.60
June, 1908	Paving Mission street, Army to Twentieth.....	37,861.10
June, 1908	Sewer, Fremont street, Market to Mission.....	1,470.83
June, 1908	Sewer, Spear street, Market to Mission.....	1,942.37

CONTRACTS AWARDED, WORK UNDER WAY NOT AS YET COMPLETED.
STREET AND SEWER WORK—BOND ISSUE.

Location of Work.	Estimated Cost.
Sutter street, Van Ness avenue to Sansome—	
Paving, etc.	\$60,241.08
Setting back hydrants.....	602.50
Fourth street, Freelon to Channel—	
Paving, etc.	49,346.41
Twenty-fourth street, Douglas to Castro—	
Sewer and appurtenances.....	13,463.99

SCHOOL BUILDINGS—UNDER BOND ISSUE.

Name of School.	Appropriation.	Contract.	Plans Miscel- laneous.	Total.
Oceanside	\$50,000.00			
Construction		\$36,400.00		
Equipment		7,954.00	\$1,886.50	\$46,240.50
*Winfield Scott	39,000.00			
Moving old building.....		1,675.00		
Constructing building.....		27,722.00		
Heating and ventilating..		5,892.00	3,051.44	38,340.44
*Golden Gate	81,000.00			
Moving old building.....		1,125.00		
Construction		42,000.00		
Heating and ventilating..		10,460.00	2,507.95	56,092.95
*Washington Grammar.....	119,000.00			
Construction		69,750.00		
Heating and ventilating..		10,000.00	6,695.07	86,445.07
*Monroe	81,000.00			
Construction		57,000.00		
Heating and ventilating..		10,340.00		
Grading site		465.00	2,533.44	70,338.44
*Laguna Honda	81,000.00			
Construction and equip- ment		57,612.00		
Heating and ventilating..		10,740.00		
Part payment former contract		6,000.00	2,615.00	76,967.00
*Bay View	119,000.00			
Construction		98,804.00		
Cistern and oil tank.....		3,188.00		
Heating and ventilating..		8,647.00	5,205.72	115,844.72
*Sunnyside	54,000.00			
Construction		30,000.00		
Heating and ventilating..		4,497.00	1,926.00	36,423.00
Bergerot	43,600.00			
Construction		37,000.00		
Completion		3,890.00	1,895.00	42,785.00
Lippard and Berkshire..... (Glen Park)	51,000.00			
Construction		42,500.00		
Completion		4,679.00	2,178.10	49,357.10

* Not as yet completed; contracts awarded and work under way.

SPECIAL DEPOSIT FUND.

Name of School.	Appropriation.	Contract.	Plans. Miscel- laneous.	Total.
Yerba Buena School.....	\$28,761.95			
Construction		\$19,300.00		
Wire lath and plastering		1,900.00	\$293.62	\$21,493.62

BUREAU OF BUILDINGS

San Francisco, July 25, 1908.

To the Honorable, the Board of Public Works,
of the City and County of San Francisco.

Gentlemen:—I hereby render an annual report of the building operations for the fiscal year ending June 30th, 1908.

Character of Permits Granted.		Cost.
Class A.....	23	\$ 7,397,738.00
Class B.....	24	1,982,721.00
Class C.....	219	8,345,168.00
Frame	4,059	13,988,408.00
Repairs and alterations.....	2,002	2,205,922.00
Total	6,327	\$33,919,957.00

The fees collected upon the above amounted to \$52,024.00.

Total number of complaints filed.....	608
Total number of buildings razed.....	65

I had occasion to reject and disapprove about 2,400 applications to build or repair, many of which were entirely contrary to the Building Law, and others subjected to the usual corrections before a permit was issued.

The running expenses, consisting of salaries and supplies, amounted to \$24,800.00, leaving a surplus of \$27,224.00, which becomes a part of the General Fund.

In the earlier part of the fiscal year the building operations were very active, and following a certain set back during the stringency in banking affairs, they are now assuming a regular and active condition.

As you know, the late reduction in our working force has added considerably to the duties of the present staff, still I feel that this Bureau can perform the duties required of it with credit to itself and your honorable Board.

There have been no improvements made for this Bureau during the past year beyond the usual minor mechanical changes in the temporary quarters we occupy.

Respectfully submitted,

JOHN P. HORGAN,
Chief Inspector.

BUREAU OF PUBLIC BUILDINGS

San Francisco, Cal., July 25, 1908.

The Honorable, the Board of Public Works.

Gentlemen:—In compliance with the request contained in Circular Letter No. 49, dated July 9, 1908, I beg leave to submit the following report of operations of the Bureau of Buildings for the fiscal year 1907-1908.

This report includes only the work done from September 13, 1907, to June 30, 1908, the undersigned not having assumed charge until the former date, and the record of operations prior thereto not being at hand.

Emergency Hospitals.

The four emergency hospitals, namely, the Central, Potrero, Harbor and Golden Gate Park, have had considerable repair work done, as needed during the fiscal year. This consisted of carpenter work, electric and gas lighting, painting and plumbing. The amount expended for these repairs was \$2,484.49.

Hall of Justice.

The accommodations in the City Prison being too limited, the stable adjoining was fitted up to relieve the crowded condition. Heating apparatus and a ventilating system were installed and all other necessary work done, the total cost being \$5,917.76.

Other repairs were made in the building in the offices of the Board of Supervisors, Bond and Warrant Clerk, Property Clerk and in the Stationery Room and Police Courts. These consisted generally of the placing of shelving, pigeon-hole cases, furniture, etc., at a cost of \$504.65.

Isolation Hospital, Twenty-sixth and De Haro Streets.

Buildings were erected at this location in accordance with the directions of the Sanitation Commission and the physicians in charge, for the treatment of bubonic plague cases. A fence of galvanized iron and concrete was erected and a plank sidewalk laid. The sum of \$16,747.05 was expended on the work.

Jean Parker and Other Schools.

Temporary classrooms, twelve in all, were built at the following schools:

Jean Parker.....	3
Cooper	3
Hancock	2
Oriental	2
Lincoln	1
Lake View	1

These were built in accordance with plans and instructions of the Board of Education and are now in use. They cost \$5,121.95.

Alms House Tract.

Building No. 2 on this tract was thoroughly renovated and repaired. The work consisted of plastering, painting and carpentering; installing of patent chimneys; extensive reshingling of the roof; putting in of new gutters, and the furnishing of galvanized iron screens for all doors and windows. The amount expended was \$10,289.72.

In addition, laundry machinery that was moved from the old City and County Hospital was set up, this work costing \$325.00.

The bored wells which had furnished the Alms House with water for years past having proved insufficient, experts were employed, who cleaned out and deepened them and enlarged the bore, and they are now giving satisfactory service. The cost of this work was \$847.97.

Ingleside Model Hospital.

After the destruction by fire of Alms House No. 2, Mr. Thomas H. Williams placed the Ingleside Racetrack premises at the disposal of the City and County. To make the place suitable for the accommodation of the Alms House inmates, it was necessary to alter and repair the training quarters and stalls, and install heating and lighting plants, etc. This was done at a cost for labor and material of \$11,054.85.

City and County Hospital, Alms House Tract.

Repairs were made at this hospital, including plumbing, fencing, etc., at a cost of \$1,666.02.

Building No. 1 and Stable, Alms House Tract.

Building No. 1 was torn down by contract at a cost of \$795.00. This price included the tearing down of the stable, which work will be done by the contractor when the new stable that is to be erected is ready for use.

Pest House.

A new roof was placed on this building, the expense being \$279.73.

Moving Furniture to Alms House.

Such furniture and materials as it was thought proper to save from the old City and County Hospital were taken to the Alms House Tract. The cost of moving these was \$1,083.70.

Old City and County Hospital, Twenty-second and Potrero avenue.

All the buildings at this site were pulled down and then burnt up, the cost of the work being \$1,620.62.

County Jail No. 3, near Ingleside.

The west wing of this jail was fitted up for the accommodation of female prisoners. The amount appropriated for the work was all used, viz., \$5,000.00.

County Jail No. 2.

Work desired by the Sheriff was done at this jail. It consisted of erecting a new fence, new gate and entrance, including concrete work; also the construction of benches for use in the prison chapel. The amount expended for this work was \$1,422.58, which was charged by the Sheriff to the account "Subsistence of Prisoners."

BOARD OF PUBLIC WORKS

Repairs to Jails Nos. 1 and 2.

Repair work as needed during the fiscal year was done at these jails. This called for the services of carpenters, painters, tin roofers and brickmasons. In addition, the services of a plumber and helper were required during the entire year. The amount expended for labor and materials was \$5,000.00.

Treasurer's Office, East Wing of City Hall.

The old quarters of the Treasurer in this building were put in condition for use. This necessitated plastering, concrete floors and bases, counters, painting, toilets, iron grills and vaults. The total cost was \$6,632.77.

East Wing of City Hall.

Concrete floors were placed in the main corridor of this wing, and concrete work in the basement; new doors in the City Hall avenue entrance and east end of the main corridor. The amount expended for this work was \$2,154.12.

A storeroom was fitted up for the Registrar of Voters in the basement of this wing, underneath the Registrar's and Assessor's offices. The work, which included windows, glazing, etc., cost \$894.78.

Carpenter work, mill work and painting has been done on the vaults in the Registrar's office at a cost of \$437.03.

Electric lights were installed in the Mayor's and Auditor's offices at a cost of \$264.92, and carpenter work was done and office fittings and heating system installed in the Mayor's office at a cost of \$113.82.

Hall of Justice.

Work done on this structure consisted of repairs to the roof, glazing, placing door checks, installing toilets and an office telephone system, carpentering, painting and general plumbing work. The expense of this work was \$641.25.

City Hall Dome.

The cost of labor of carpenters and riggers in investigating the condition of this structure was \$177.67.

Tax Collector's Office.

Suitable quarters for the Tax Collector were fitted up in the building at 244 McAllister street. The work consisted mainly of the construction of galleries, counters, shelving and pigeon holes, and cost \$810.86.

Assessor's Office.

The Assessor's office, 224 McAllister street, was fitted up, and with repairs and alterations to the end of the fiscal year cost \$1,909.80.

Sheriff's Office.

The Sheriff's office was moved to 124 McAllister street. This work, including alterations, carpentering, painting, plumbing work and repairs to June 30, 1908, cost \$1,089.26.

Law Library, Grant Building.

Shelving was placed in the new offices of this library. This work, and repairs to the end of the fiscal year, cost \$1,146.57.

County Clerk's Office, Hibernia Building.

This office was fitted up with counters, shelving, electric lights, etc., at a cost of \$1,395.82.

Criminal Courts, Towle Building.

These courts were removed from their old quarters to the Towle Building, McAllister and Hyde streets. Heating lighting and ventilating systems were installed in the building, and carpentering, painting and plumbing done. The cost of labor and material was \$2,630.43.

Municipal Offices, Grant Building.

The Superior Courts, Justices' Courts, and offices of the City Attorney, District Attorney, and Civil Service Commission were removed to the Grant Building. Necessary alterations and repairs to the rooms cost \$1,328.18.

Coroner's Office.

Repairs and alterations were made at the Coroner's office, 363 Fell street. New marble slabs were furnished and placed in position, iron railings set, an electric sign placed outside the entrance to the building, and carpenter, painting and plumbing work done, at a total cost of \$2,031.65.

Brazil Avenue School.

An eight-classroom temporary school building was erected at Brazil avenue and Moscow street, as per plans and specifications furnished by the Board of Education. The cost of the building was \$5,333.01.

Garfield School.

A two-classroom temporary schoolhouse was erected on Union street, between Montgomery and Kearny, at a cost of \$680.59.

Schwerin Boulevard.

A rail fence was built along this boulevard, from the Ocean Shore Boulevard to the County Line, with necessary gates and turnstiles and two water-tanks on frames, at a cost of \$2,507.30.

Mission Road Viaduct.

The viaduct on Mission road below College Hill was repaired by building new approaches and roadbed of cedar, at a cost for labor and material of \$1,374.56.

Department of Elections' Warehouse, Eighteenth and Division Streets.

The roof of this warehouse was repaired and painted, the sidewalk repaired, and the old door replaced by a new iron door, all at a cost of \$648.09.

Department of Electricity.

The Board of Supervisors allowed the sum of \$715 for the completion of the interior of this Department's building, 55 Fulton street, and the sidewalk thereof. The work was not completed at the end of the fiscal year. This was

due to the fact that there was no gaspipe service in the building, and the interior lathing and plastering had to be delayed until such service was provided for. Subsequently the Board of Supervisors allotted the sum of \$125 for installing the necessary gaspipe service, and the delayed work is now in progress.

Parade Barriers.

Parade barriers, etc., were provided during the fiscal year. These consisted of about 30,000 feet of $\frac{3}{8}$ -inch galvanized wire rope and sockets for stretching same; flagpoles and sockets for raising them. The posts and poles were oiled and painted. The amount expended was \$2,882.63. When not in use, the above are in the custody of the Police Department.

Parade and Navy Booths.

Booths for temporary urinals on the day of the Fleet parade were erected along Battery street, and just prior to the departure of the Fleet, two booths were erected at Portsmouth Square, one at Webster and Turk streets, and one at Mission-street wharf, for the temporary detention of Navy stragglers. This work cost \$237.80.

Razing Hall of Justice.

The ruins of the Hall of Justice were removed by Daniel O'Day under contract, the cost being \$9,975.00. Subsequently a fence was built around the site at a cost of \$59.00.

Razing Part of Larkin-street Wing, City Hall.

This work was done by the Warren Improvement Company, under contract, at a cost of \$8,890.00.

Juvenile Detention Home.

Repairs were made at this institution. They consisted of the construction of two new cells and the changing of old cells to permit the enlargement of the dormitory. The labor, millwork and other material cost \$212.44.

Board of Public Works Headquarters.

Sundry repairs were made at the various offices of the Board of Public Works during the fiscal year, the same costing \$418.17.

Fountains.

Painting, plumbing and carpenter work was done at the several public fountains at a cost of \$132.75.

Health Department.

Painting, plumbing and carpenter work for this department during the fiscal year cost \$226.01.

Street Department.

The offices of the Superintendent of Street Repairs and the Superintendent of Repairs to Sewers were repaired and enlarged during the fiscal year at a cost of \$258.17.

General Repairs.

During the fiscal year materials purchased for shop jobbing, stock and general use cost \$1,796.15; labor for shop jobbing and miscellaneous repairs cost \$6,531.50.

NOTE.—Demands booked in July, August, and part of September, 1907, prior to my appointment as Superintendent of Public Buildings, and charged to General Repairs to Buildings, amounted to \$6,362.28.

POLICE DEPARTMENT.

Repair work, etc., was done for the Police Department during the fiscal year as follows:

Hall of Justice.

General repairs as ordered during the fiscal year were made at these headquarters for the Police Department. Bookracks, etc., were placed in the rooms of the Police Commission and the Chief of Police, and in the office of the Property Clerk, and shades and skylight in the Identification Bureau. Iron and grill work was placed in the City Prison, and signs and lettering, glazing and glass partitions in the headquarters generally.

Mission Police Station.

This building was thoroughly overhauled and repaired during the fiscal year, having been much damaged by the earthquake. New cornices were put in and the front of the building restored. Foundations of brick were renewed, and basement, concrete cellar and manure pit put in. Feed boxes were lined. Old sidewalk was replaced by one of bitumen, and interior of building was painted, tinted and plastered. Electric lights were extended and new heating stove set up. An ironstone sewer was built and connected with the main sewer, and concrete work done in and around the building. The total cost of the work was \$3,609.37.

Southern Police Station.

At this station new cells and lockers were put in; new stove furnished and set up; window shades put up; a new manure pit built, and the feed bin lined, and a new planked roadway was built on Clara street to Fourth.

North End Police Station.

The roof of this station was repaired; lockers put in; feed box lined; new manure pit built; electric lights placed in the interior and at the entrance, and sundry necessary repairs made. The cost of this work was \$716.37.

O'Farrell Street Station.

At this station the roof was repaired and the interior plastered and painted, sundry repairs and glazing done and a heating stove furnished and set up; iron grill supplied for window, new manure pit built, and feed box lined. Amount expended, \$1,313.58.

Golden Gate Park Station.

Sundry repairs, glazing, etc., were made at this station; electric lights installed; new concrete floor laid in stable; new manure pit built and feed bin lined; new lockers furnished. Cost of the work, \$822.98.

Harbor Station.

General repairs were made at this station. Electric lights were furnished and new lockers put in; side sewers built and necessary plumbing work done. New manure pit and feed box built. Total cost of the work, \$497.66.

Bush-street Station.

General repairs were made at this station. New lockers and electric lights were installed and the offices varnished; new stove and new toilet put in and necessary plumbing work done; also glazing. A brick foundation and new manure pit and feed boxes were built. The sum of \$1,800.93 was expended for this work.

Potrero Station.

Sundry repairs were made at this station during the fiscal year. The roof was repaired. A patent chimney and heating stove were furnished and set up, and new lockers built for the use of the officers. The work cost \$256.88.

South San Francisco Station.

During the fiscal year electric lights and new lockers were placed in this station, a new manure pit and feed bin built, and general repairs made. The amount expended was \$272.04.

FIRE DEPARTMENT.

The following work was done for the Fire Department during the fiscal year:

Engine No. 3, 1423 Pine street.

The walls of this building were reinforced and angle braces, etc., put in; rustic renailed; both stories sheathed with 1x4 T. & G. & V. pine; floors and stalls repaired; cement floor put in basement and concrete sidewalk laid; plumbing repaired; outside of building painted and new iron doors placed on manure pit. Amount expended, \$1,750.65.

Engine No. 4, 676 Howard street.

Reinforced side walls, bridges, etc., of this building; sheathed both stories with 1x4 T. & G. & V. pine; repaired stalls; renewed sidewalk in front and rear, and painted outside of building. Amount expended, \$2,718.76.

Engine No. 5, 1235 Stockton street.

The walls of this building were braced and bridged, the stalls repaired, the first floor and dormitory sheathed with 1x4 T. & G. & V. pine, and the outside painted. Amount expended, \$1,113.24.

Engine No. 6, 62 South street.

The stalls at this building were repaired. Amount expended, \$272.00.

Engine No. 7, Sixteenth street and Albion avenue.

Put in slide poles, weight boxes, and sheaves for hangers; set up and braced let-in floor plates for apparatus, door openers and boxes; put in platform for coal and wood, battery boxes, and cut in for let-goes, etc. Amount expended, \$326.40.

Engine No. 8, 1848 Pacific avenue.

Reinforced walls of this building, braced bridge, and sheathed first floor and dormitory with 1x4 T. & G. & V. pine; repaired the stalls; put in cement floor in basement; made and lined feed bins, chute, etc.; ventilated manure pit. and painted outside of building. Amount expended, \$2,712.26.

Engine No. 9, 336 Main street.

Reinforced walls and bridged and braced same; sheathed first floor and dormitory; put in cement floor in basement; made and lined feed bins, chute, etc.; ventilated manure pit; repaired stalls and painted outside of building. Amount expended, \$1,849.67.

Engine No. 11, Fifteenth avenue South.

Repaired the stalls; put in new runway; cut out and enlarged doors for large apparatus; built and completed manure pit and ventilated same, and put in new bulkhead and cement yard. Amount expended, \$1,261.18.

Engine No. 12, 101 Commercial street.

Reinforced walls and bridged and braced same; sheathed first and second stories with 1x4 T. & G. & V. pine; painted outside of building; repaired stalls and planking; put in feed bins and chute and ventilated manure pit. Amount expended, \$1,408.80.

Engine No. 13, 1458 Valencia street (Brick Building).

Removed rear wall and rebuilt same; put in new rear doors and sash; sheathed sitting room and tower; rearranged stalls; built stairway to basement; built new water closet inside of building; put in cement floor in basement and constructed cement yard; ventilated manure pit. Amount expended, \$1,891.30.

Engine No. 14, 1051 McAllister street.

Repaired the stalls and laid yard with new planking and sleepers. Amount expended, \$685.79.

Engine No. 15, 2114 California street.

Repaired the stalls and floor and put in new joists where the old ones were rotten. Amount expended, \$603.84.

Engine No. 16, Tennessee and Sixteenth streets.

Repaired stalls and patched floor; built manure pit and ventilated same, and connected with sewer; put down new concrete runway and yard. Amount expended, \$871.49.

Engine No. 17, 34 Mint avenue.

Braced and bridged building and sheathed first and second stories with 1x4 T. & G. & V. pine; repaired stalls; built new feed bin and chute; vented manure pit and painted outside of building. Amount expended, \$1,599.05.

Engine No. 18, 317 Duncan street.

Rebuilt the front wall, which had to be removed for safety, rearranged the first floor by putting in extra stall; changed hayloft; moved slide poles; changed

position of five existing stalls; made repairs to floors; put in concrete yard and new manure pit; vented manure pit and made connection with sewer; removed front sidewalk and built feed bins and chute. Amount expended, \$1,218.46.

Engine No. 19, 34 Waller street.

Built dormitory, hayloft, bath and water closet; put in new front door and frame; built feed bins and chute; built and vented new manure pit; laid concrete yard and built concrete bulkhead in rear of lot; rearranged stalls to accommodate apparatus. Amount expended, \$1,867.51.

Engine No. 20, 2119 Filbert street.

Built bulkhead in yard; put down concrete yard and runway; built water closet and shed and repaired stalls. Amount expended, \$1,230.42.

Engine No. 21, 1152 Oak street.

Levelled up floor joists and put down new floors; built new stalls; put down concrete yard and renewed front runway. Amount expended, \$1,130.15.

Engine No. 22, 1346 Tenth avenue.

Repaired stalls at this building. Amount expended, \$217.60.

Engine No. 23, 3022 Washington street.

Patched floor and stalls; put in new bulkhead and concrete yard; built shed and water closet. Amount expended, \$695.00.

Engine No. 24, 449 Douglas street.

Built hose tower; braced the building; put in new manure pit and vented same; patched the floor and stalls and changed the front doors from swinging to sliding doors; built feed bins, etc. Amount expended, \$1,132.54.

Engine No. 25, 2547 Folsom street.

Repaired stalls; built water closet on first floor; changed location of sink, hopper, etc. Amount expended, \$273.32.

Engine No. 26, 325 Second avenue.

Patched floor joists, floor and stalls, studding and underpinning; built feed bin and new manure pit and vented same and made connection with sewer. Amount expended, \$442.37.

Engine No. 27, 621 Hermann street.

Repaired foundation; put new concrete floor in basement; straightened up, braced and sheathed the building; rearranged stalls; put in new floor in first story and painted outside of building and first floor two coats. Amount expended, \$2,108.65.

Engine No. 28, 301 Francisco street.

Braced and bridged building and sheathed inside with 1x4 T. & G. & V. pine; painted outside; patched the stalls; put in concrete runway; repaired

basement; built new feed bin and chute and ventilated manure pit. Amount expended, \$1,591.60.

Engine No. 29, Eleventh and Bryant street.

Removed old foundation and rebuilt same on a scow bottom with cement base and brick wall above; patched the floor and stalls; put in new concrete runway and basement; built feed bin, etc. Amount expended, \$3,433.47.

Engine No. 30, 1737 Waller street.

Raised, levelled and braced the building; put in new joists and floor where necessary; enclosed the stairway from first to second floor; put in new concrete yard and repaired basement; vented the manure pit and iron-covered the feed bin. Amount expended, \$1,100.88.

Engine No. 31, Leavenworth and Green streets.

Sheathed the dormitory and put up partitions of the rooms, sheathed the same and finished ready for painting, except lockers to be built in dormitory; changed slide pole holes and weight boxes; prepared first floor for finishing with sheathing, etc.; made battery boxes and put in weights and hangers. Amount expended, \$1,098.89.

Engine No. 32, Holly Park and West avenue.

Repaired floors and stalls; built cement bulkhead and cement floor in basement. Amount expended, \$268.70.

Engine No. 33, 117 Broad street.

Raised, levelled and underpinned building, and braced and bridged the inside; shingled rear portion; planked runway; built manure pit. Amount expended, \$1,412.66.

Engine No. 34, 1145 Ellis street.

Repaired floors and stalls; built concrete basement and concrete sidewalk; repaired feed bin. Amount expended, \$479.50.

Engine No. 35, 38 Bluxome street.

Reinforced side walls and put in angle braces in first and second floors; nailed the rustic; sheathed both stories with 1x4 T. & G. & V. pine; put in new feed bins; repaired stalls and patched floors; vented manure pit, and painted outside of building. Amount expended, \$2,143.33.

Engine No. 36, 551 Twenty-sixth avenue.

Repaired stalls and floor; built bulkhead and cement yard. Amount expended, \$528.77.

Engine No. 37, 1350 Utah street.

Repaired stalls and floor, feed bins and manure pit. Amount expended, \$320.68.

Engine No. 38, San Jose and Ocean avenues.

Repaired stalls and patched floors; painted inside and outside of building one coat. Amount expended, \$489.60.

BOARD OF PUBLIC WORKS

Engine No. 39, 2136 Geary street.

Reinforced side walls with extra studding and put in angle braces; sheathed both stories with 1x4 T. & G. & V. pine; repaired stalls and floors; put in bulkhead, cement yard and cement basement; built feed bins and chute; vented manure pit. Amount expended, \$2,293.08.

Chemical No. 3, 128 Jackson street.

Reinforced side walls and put in angle braces; sheathed both stories with 1x4 T. & G. & V. pine; built an addition to the dormitory and an addition to the hayloft; repaired stalls and floor; built feed bin and chute; painted outside of building. Amount expended, \$837.72.

Chemical No. 7, 1534 Twentieth street.

Repaired floor and stalls; repaired feed bin. Amount expended, \$217.57.

Chemical No. 8, 720 Cliff avenue.

Repaired stalls; built and vented manure pit. Amount expended, \$375.00.

Truck No. 2, 643 Broadway.

Reinforced side walls and put in angle braces; sheathed both stories with 1x4 T. & G. & V. pine; repaired stalls and patched floor; vented manure pit; built feed bin and chute and painted outside of building. Amount expended, \$1,861.25.

Truck No. 3, 451 McAllister street.

Reinforced side walls and put in angle braces; built room for Battalion Chief; sheathed both stories with 1x4 T. & G. & V. pine; repaired stalls and patched floor; vented manure pit; built feed bin and chute and painted outside of building. Amount expended, \$2,444.13.

Truck No. 5 and Chemical No. 2, 1849 Post street.

Repaired floors, stalls, joists and underpinning; built new manure pit and vented same; built new doors in the rear and overhauled the tin roof. Amount expended, \$657.17.

Truck No. 7, 3050 Seventeenth street.

Levelled up the floor and repaired stalls and feed bin. Amount expended, \$439.60.

Stables, Tenth and Division streets.

Took out front of building and rebuilt same, and raised and underpinned sixty feet of the side wall and party walls; built bulkhead and corrals; repaired stalls; painted front of buildings; bitumenized in front of stables and laid concrete floor for manure pit. Amount expended, \$3,973.47.

Corporation Yard, San Bruno avenue, near Sixteenth street.

Built concrete walls and floor, 30 feet by 40 feet, and a platform, 30 feet by 60 feet, preparatory to use of site for corporation yard. Amount expended, \$1,729.92.

SUMMARY.

Miscellaneous repairs	\$143,060.57
Fire Department repairs	57,077.44
Police Department repairs	13,281.09
	<hr/>
Total	\$213,419.10

Respectfully submitted,

JOHN BARNETT,
Superintendent of Public Buildings.

STREET CLEANING

To the Honorable the Board of Public Works.
M. Casey, President.

Gentlemen:—I hereby submit my report for the fiscal year ending June 30th, 1908:

This report shows number of men and teams employed on sweeping and debris gangs, with number of loads hauled; also the square yards swept and lineal feet sprinkled for the last half of the year—no record has been kept of the first half—together with the amount of payroll, cost of teams, material, repairs and other expenditures of this department.

July, 1907—

Average number of sweepers employed.....	124	
Number of teams on dirt wagons.....	1,248	
Number of teams on sprinklers.....	558	
Number of teams on machines.....	45	
Loads of street sweepings removed.....	4,897	
Payroll		\$12,497.00
Teaming		11,982.75
Water		500.00
Buggies		337.50
Repairs		1,154.52
Material		558.90
Equipment, new		3,765.50
Total cost.....		\$30,796.17

August, 1907—

Average number of sweepers employed.....	173	
Number of teams on dirt wagons.....	1,629	
Number of teams on sprinklers.....	659	
Number of teams on machines.....	79	
Loads of street sweepings removed.....	6,689	
Payroll		\$16,947.60
Teaming		15,353.55
Water		500.00
Buggies		427.50
Repairs		586.25
Material		219.40
Total cost.....		\$34,034.30

September, 1907—

Average of sweepers employed.....	116
Number of teams on dirt wagons.....	894
Number of teams on sprinklers.....	369
Number of teams on machines.....	57
Loads of street sweepings removed.....	4,038

STREET CLEANING

811

Payroll		\$11,063.45
Teaming		7,486.30
Water		500.00
Buggies		360.00
Dumps		206.50
Repairs		452.35
Material		165.46
Total cost.....		<u>\$20,234.06</u>
October, 1907—		
Average number of sweepers employed.....	117	
Number of teams on dirt wagons.....	1,208	
Number of teams on sprinklers.....	272	
Number of teams on machines.....	21	
Loads of street sweepings removed.....	5,182	
Payroll		\$12,393.15
Teaming		9,726.50
Water		500.00
Buggies		360.00
Dumps		405.50
Repairs		504.42
Material		331.56
Total cost.....		<u>\$24,221.13</u>
November, 1907—		
Average number of sweepers employed.....	132	
Number of teams on dirt wagons.....	1,336	
Number of teams on sprinklers.....	192	
Number of teams on machines.....	48	
Loads of street sweepings removed.....	5,689	
Payroll		\$12,930.25
Teaming		10,229.90
Water		500.00
Buggies		360.00
Dumps		584.00
Repairs		342.10
Material		106.46
Total cost.....		<u>\$25,052.71</u>
December, 1907—		
Average number of sweepers employed.....	87	
Number of teams on dirt wagons.....	774	
Number of teams on sprinklers.....	41	
Number of teams on machines.....	23	
Loads of street sweepings removed.....	2,996	
Payroll		\$8,402.40
Teaming		5,226.00
Water		500.00
Buggies		322.50
Dumps		328.00
Repairs		155.45
Material		89.55
Total cost.....		<u>\$15,023.90</u>

January, 1908—

Average number of sweepers employed.....	80	
Number of teams on dirt wagons.....	954	
Number of teams on sprinklers.....		
Number of teams on machines.....	15	
Loads of street sweepings removed.....	4,118	
Payroll		\$9,376.50
Teaming		6,363.60
Water		500.00
Buggies		315.00
Dumps		284.00
Repairs		143.35
Material		599.74
Total		<u>\$17,582.19</u>

Square Yards of Streets Cleaned.

District No. 1.....	4,062,572
District No. 2.....	7,721,722
District No. 3.....	10,634,626
District No. 4.....	776,360
Total Sq. yards.....	<u>23,195,280</u>

No sprinkling this month.

February, 1908—

Average number of sweepers employed.....	94	
Number of teams on dirt wagons.....	859	
Number of teams on sprinklers.....	66	
Number of teams on machines.....	18	
Number of snatch teams.....	7	
Loads of street sweepings removed.....	4,173	
Payroll		\$8,815.75
Teaming		6,147.42
Water		500.00
Buggies		283.50
Dumps		354.00
Repairs		370.35
Material		108.62
Total cost.....		<u>\$16,579.64</u>

Square Yards Streets Cleaned.

District No. 1.....	4,660,722
District No. 2.....	7,821,722
District No. 3.....	10,634,626
District No. 3.....	726,360

Total square yards.....23,843,430

Lineal Feet Sprinkled.

District No. 1.....	775,200
District No. 2.....	745,800
District No. 3.....	1,246,400
District No. 4.....	879,000

Total lineal feet..... 3,646,400

March, 1908—

Average number of sweepers employed.....	124
Number of teams on dirt wagons.....	1,319
Number of teams on sprinklers.....	243
Number of teams on machines.....	42
Loads of street sweepings removed.....	6,757

STREET CLEANING

813

Payroll	\$14,364.25
Teaming	10,309.85
Water	500.00
Buggies	334.50
Dumps	470.00
Repairs	81.15
Material	333.31
Total cost.....	\$26,393.06

Square Yards Streets Cleaned.	Lineal Feet Sprinkled.
District No. 1..... 7,640,068	District No. 1..... 3,777,600
District No. 2.....10,837,277	District No. 2..... 1,636,600
District No. 3.....13,636,040	District No. 3..... 6,085,400
District No. 4..... 1,732,188	District No. 4..... 3,142,000
Total square yards.....33,845,573	Total lineal feet.....14,641,600

April, 1908—

Average number of sweepers employed.....	161
Number of teams on dirt wagons.....	1,531
Number of teams on sprinklers.....	471
Number of teams on machines.....	69
Loads of street sweepings removed.....	7,585
Payroll	\$17,993.25
Teaming	13,355.87 ½
Water	500.00
Buggies	322.50
Dumps	455.50
Repairs	125.25
Materials	1,743.81 ½
Total cost	\$34,496.25

Square Yards Streets Cleaned.	Lineal Feet Sprinkled.
District No. 1..... 9,612,801	District No. 1..... 7,020,000
District No. 2.....15,199,827	District No. 2..... 1,637,400
District No. 3.....16,021,968	District No. 3..... 8,057,500
District No. 4..... 4,813,559	District No. 4..... 6,842,300
Total square yards.....45,648,155	Total lineal feet.....23,557,200

May, 1908—

Average number of sweepers employed.....	171
Number of teams on dirt wagons.....	1,404
Number of teams on sprinklers.....	538
Number of teams on machines.....	69
Loads of street sweepings removed.....	5,703
Payroll	\$16,700.87
Teaming	12,554.62
Water	500.00
Buggies	360.00
Dumps	396.75
Repairs .....	.....
Material	286.04
Total cost.....	\$30,798.28

BOARD OF PUBLIC WORKS

Square Yards Streets Cleaned.

District No. 1.....	8,330,389
District No. 2.....	14,911,745
District No. 3.....	14,737,928
District No. 4.....	4,018,817

Total square yards.....41,998,879

Lineal Feet Sprinkled.

District No. 1.....	6,671,600
District No. 2.....	3,431,300
District No. 3.....	9,008,600
District No. 4.....	9,354,600

Total lineal feet.....28,466,100

June, 1908—

Average number of sweepers employed.....	146
Number of teams on dirt wagons.....	1,433
Number of teams on sprinklers.....	637
Number of teams on machines.....	75
Loads of street sweepings removed.....	6,190
Payroll	\$18,751.75
Teaming	13,870.95
Water	500.00
Buggies	360.00
Dumps	378.50
Repairs	380.59
Material	5,203.46
Total cost.....	\$39,445.25
Late bills, \$69.00; One Austin Sprinkler, \$425.00.....	494.00
Correct total.....	\$39,939.25

Square Yards Streets Cleaned.

District No. 1.....	11,073,857
District No. 2.....	18,496,792
District No. 3.....	17,479,461
District No. 4.....	7,396,358

Total square yards.....54,446,468

Lineal Feet Sprinkled.

District No. 1.....	7,477,200
District No. 2.....	5,467,600
District No. 3.....	11,388,200
District No. 4.....	11,656,000

Total lineal feet.....35,989,000

NOTE.—We have also worked two debris gangs of eight men and a foreman each since the beginning of February, whose wages are included in the totals for these months, whose duties were to remove building material which had fallen into the streets and sidewalks back on to the property where it belonged before the great catastrophe of 1906.

Month.	Number of Dirt Wagons.	Number of Sprinklers.....	Number of Machines.....	Number of Loads.....	Average Num- ber of Men.....
1907—July.....	1,248	558	45	4,897	124
August.....	1,629	659	79	6,689	173
September.....	894	369	57	4,038	116
October.....	1,208	272	21	5,182	117
November.....	1,336	192	48	5,689	132
December.....	774	41	23	2,996	87
1908—January.....	954	66	15	4,118	80
February.....	859	.....	18	4,173	94
March.....	1,319	243	42	6,757	124
April.....	1,531	471	69	7,585	161
May.....	1,404	538	69	5,703	171
June.....	1,433	637	75	6,190	146
Total.....	14,589	4,046	561	64,017	1,525

Average number of men for year, 127 1-12.

SUMMARY OF SQUARE YARDS CLEANED LAST HALF OF YEAR.

	Square yards.
1908—January	23,195,280
February	23,843,430
March	33,845,573
April	45,648,155
May	41,998,879
June	54,446,468
Grand total.....	222,977,785

SUMMARY OF LINEAL FEET SPRINKLED.

	Lineal feet.
1908—January (No sprinkling this month.)	
February	3,646,400
March	14,641,600
April	23,557,200
May	28,466,100
June	35,989,000
Grand total.....	106,400,300

BOARD OF PUBLIC WORKS

SUMMARY OF EXPENSES.

1907—July	\$ 30,796.17
August	34,034.30
September	20,234.06
October	24,221.13
November	25,052.71
December	15,023.90
1908—January	17,582.19
February	16,579.64
March	26,393.06
April	34,496.25
May	30,798.28
June	39,445.25
Grand total	<u>\$314,656.94</u>
Late bills, \$69.00; one new Austin Sprinkler, \$425.....	494.00
Correct total	<u>\$315,150.94</u>

SEGREGATION OF EXPENSES.

Payroll	\$160,236.22
Teams	122,607.31 ½
Repairs	4,295.78
Buggies	4,143.00
Dumping	3,862.75
New equipment	3,765.50
Material	9,746.37 ½
Water	6,000.00
Grand total	<u>\$314,656.94</u>
Late Bills, \$69; one new Austin Sprinkler, \$425.00.....	494.00
Correct total	<u>\$315,150.94</u>

Respectfully submitted,

JOHN ROGERSON,

Superintendent Street Cleaning Department,
Board of Public Works.

Tax Collector's Report.

San Francisco, July 29, 1908.

To the Hon. Edward R. Taylor,
Mayor of the City and County of San Francisco.

Sir: In compliance with Section 9 of Article XVI of the Charter, I herewith submit a report of the business of this office for the fiscal year ending June 30, 1908.

DAVID BUSH,
Tax Collector

TAX COLLECTOR

CITY, COUNTY AND STATE REAL ESTATE TAXES
FIRST INSTALLMENT

	Cr.	Dr.
To total amount charged.....		\$3,045,591.83
By taxes collected and paid to the Treasurer.....	\$3,029,006.98	
By property sold to the State for taxes of previous year	1,865.06	
By property sold to the State for taxes of 1907	6,250.00	
By property assessed to the Regents of the University of California.....	585.90	
By property assessed to the School of Mechanical Arts	892.43	
By property assessed to the City and County of San Francisco	522.85	
By property assessed to the State Normal School	241.80	
By property withdrawn from sale under Section 3805, Political Code.....	2,243.16	
By property cancelled by Assessor.....	3,930.18	
By partial payments, amounts still due.....	53.47	
	\$3,045,591.83	\$3,045,591.83

CITY, COUNTY AND STATE REAL ESTATE TAXES
SECOND INSTALLMENT

	Cr.	Dr.
To Total amount charged.....		\$3,045,591.83
By taxes collected and paid to the Treasurer.....	\$3,021,717.92	
By property sold to the State for taxes of previous years	2,005.81	
By property sold to the State for taxes of 1907	13,357.93	
By property assessed to the Regents of the University of California.....	585.90	
By property assessed to the School of Mechanical Arts	892.43	
By property assessed to the City and County of San Francisco	522.85	
By property assessed to the State Normal School	241.80	
By property withdrawn from sale under Section 3805, Political Code	2,264.74	
By property cancelled by Assessor.....	3,930.18	
By partial payments, amounts still due.....	72.27	
	\$3,045,591.83	\$3,045,591.83

CITY, COUNTY AND STATE PERSONAL PROPERTY TAXES SECURED

	Cr.	Dr.
To total amount charged.....		\$1,240,442.07
By taxes collected and paid to the Treasurer.....	\$1,236,030.19	
By property sold to the State for taxes of previous year	297.51	
By property sold to the State for taxes of 1907	301.03	
By property withdrawn from sale under Section 3805, Political Code	1,995.97	
By property cancelled by Assessor.....	1,816.77	
By partial payments, amounts still due .....	.60	
	\$1,240,442.07	\$1,240,442.07

TAX COLLECTOR

819

CITY, COUNTY AND STATE UNSECURED PERSONAL PROPERTY TAXES

	Cr.	Dr.
To total amount charged.....		\$243,163.45
By taxes collected and paid to the Treasurer.....	\$207,828.81	
By net amount cancelled by the Assessor.....	5,522.37	
By amount delinquent	29,812.27	
	\$243,163.45	\$243,163.45

PENALTIES COLLECTED ON TAXES, FISCAL YEAR 1907

	Cr.	Dr.
To total amount charged real estate taxes—First installment		\$10,518.77
To total amount charged real estate taxes—Second installment		3,848.61
To total amount charged personal property taxes secured by real estate.....		2,663.64
To total amount charged personal property taxes unsecured by real estate		9,305.35
By cash deposited with City and County Treasurer—First installment of taxes.....	\$7,192.11	
By cash deposited with City and County Treasurer—Second installment of taxes.....	2,653.40	
By cash deposited with Treasurer, personal property taxes secured by real estate.....	1,777.74	
By cash deposited with Treasurer, personal property taxes unsecured by real estate.....	2,237.52	
By 20% on amount delinquent, \$16,584.85—First installment of real estate	3,316.97	
By 15% not collected on partial payments, \$44.14, on which 15% had been charged first installment real estate		6.62
By 20% not collected on partial payments, \$15.35, on which 20% had been charged first installment real estate.....		3.07
By 5% on amount delinquent, \$23,873.91—Second installment real estate.....	1,193.70	
By 5% not collected on partial payments, \$30.26, on which 5% had been charged—Second installment real estate		1.51
By 20% on amount delinquent, \$4,411.88—Personal property secured by real estate.....	882.37	
By 15% not collected on partial payments, \$6.00, on which 15% had been charged—Secured personal property .....		.90
By 20% not collected on partial payments, \$13.14, on which 20% had been charged—Secured personal property		2.63
By 20% on amount delinquent, \$35,334.64—Personal property unsecured by real estate.....	7,066.93	
By 15% not collected on partial payments, \$6.00, on which 15% had been charged—Unsecured personal property .....		.90
	\$26,336.37	\$26,336.37

ADDITIONAL AMOUNTS PAID TREASURER

	Cr.	Dr.
From taxes of previous years.....		\$69,466.46
From costs from taxes of 1907.....	\$39,804.79	
From costs from taxes of previous years.....	2,333.00	
From duplicate and over-payment of taxes.....	338.50	
From sale of poll tax	9,033.76	
From re-assessment of Taxes 1906 on roll of 1907	4.00	
From proceeds of property sold for the State of California	1,369.03	
	16,583.38	
	\$69,466.46	\$69,466.46

RECAPITULATION

	Cr.	Dr.
Total amount collected and paid to the Treas- urer as follows		\$7,577,911.13
From City, County and State real estate taxes— First installment	\$3,029,006.98	
From City, County and State real estate taxes— Second installment	3,021,717.92	
From City, County and State personal property taxes secured by real estate.....	1,236,030.19	
From City, County and State personal property taxes unsecured by real estate.....	207,828.81	
From proceeds of property sold for the State of California	16,583.38	
From penalties on taxes of 1907	13,860.77	
From taxes of previous year.....	39,804.79	
From costs from taxes of previous years.....	338.50	
From costs from taxes of 1907.....	2,333.00	
From duplicate and over-payment of taxes.....	9,033.76	
From sale of poll tax	4.00	
From re-assessment of taxes of 1906 on roll of 1907	1,369.03	
	\$7,577,911.13	\$7,577,911.13

TAX COLLECTOR

821

ANNUAL STATEMENT OF THE LICENSE DEPARTMENT OF THE TAX COLLECTOR FOR FISCAL YEAR 1907-1908.

Advertising.			Assayers.		Auctioneers.	
1907—	No.	Amount.	No.	Amount.	No.	Amount.
July	3	\$30.00	.	.....	10	\$60.00
August ..	1	10.00	4	65.00	7	42.00
September.	1	10.00	1	5.00	8	48.00
October..	2	20.00	2	55.00	12	72.00
November.	2	20.00	1	5.00	7	42.00
December.	2	20.00	4	20.00	10	60.00
1908—						
January..	.	.....	.	.....	14	84.00
February.	2	20.00	4	70.00	15	90.00
March....	2	20.00	2	10.00	15	90.00
April.....	1	10.00	.	.....	21	126.00
May.....	2	20.00	5	70.00	11	66.00
June.....	3	30.00	2	10.00	8	48.00
Total...	21	210.00	25	310.00	138	828.00
Ball and Ring.			Bankers.		Base Ball.	
1907—	No.	Amount.	No.	Amount.	No.	Amount.
July.....	5	\$25.00	24	\$35.74	1	\$5.00
August...	2	10.00	15	13.15	.	.....
September	2	10.00	8	8.08	2	20.00
October...	7	35.00	2	4.02	.	.....
November.	4	20.00	32	38.32	.	.....
December.	5	25.00	17	16.67	.	.....
1908—						
January..	10	50.00	3	4.53	.	.....
February.	7	35.00	34	45.84	.	.....
March....	4	20.00	12	20.62	1	10.00
April.....	5	25.00	20	35.70	.	.....
May.....	10	50.00	7	9.07	.	.....
June.....	1	5.00	13	18.63	1	10.00
Total...	62	310.00	187	250.37	5	45.00
Baths.			Billiards.		Bowling.	
1907—	No.	Amount.	No.	Amount.	No.	Amount.
July.....	25	99.00	178	712.00	7	35.00
August...	19	71.00	77	308.00	4	20.00
September	17	51.00	113	452.00	8	40.00
October...	9	27.00	183	732.00	6	30.00
November.	8	24.00	69	276.00	9	45.00
December.	43	160.00	237	948.00	4	20.00
1908—						
January..	22	90.00	223	892.00	7	35.00
February.	36	122.00	167	668.00	10	50.00
March....	33	99.00	158	632.00	10	50.00
April.....	20	91.00	292	1168.00	14	70.00
May.....	23	100.00	170	680.00	8	40.00
June.....	30	90.00	197	788.00	1	5.00
Total...	285	1024.00	2064	8256.00	88	440.00

TAX COLLECTOR

ANNUAL STATEMENT OF THE LICENSE DEPARTMENT—Continued.

Brokers: Real Estate.			Brokers: Custom House.		Brokers: Insurance.	
1907—	No.	Amount.	No.	Amount.	No.	Amount.
July	131	\$795.00	13	\$155.00	53	\$280.00
August	105	525.00	1	5.00	247	1,250.00
September	55	295.00	..	.....	51	270.00
October	49	255.00	2	15.00	25	125.00
November	69	395.00	3	40.00	140	715.00
December	154	820.00	8	90.00	130	720.00
1908—						
January	66	360.00	2	15.00	33	165.00
February	177	945.00	6	75.00	211	1,130.00
March	118	610.00	8	75.00	116	580.00
April	58	310.00	7	80.00	55	275.00
May	115	645.00	4	55.00	155	820.00
June	140	720.00	6	40.00	139	710.00
Total	1237	\$6,675.00	60	\$645.00	1,355	\$7,040.00

Brokers: Merchandise.			Brokers: Stock and Money.		Carpet Beaters.	
1907—	No.	Amount.	No.	Amount.	No.	Amount.
July	14	\$135.00	50	\$376.00	1	\$10.00
August	12	95.00	45	310.00	3	30.00
September	12	60.00	27	177.00	2	20.00
October	5	60.00	5	30.00	1	10.00
November	15	105.00	42	307.00	2	20.00
December	15	110.00	68	433.00	..	.....
1908—						
January	3	50.00	14	94.00	2	20.00
February	26	195.00	77	516.00	5	50.00
March	14	70.00	44	274.00	4	40.00
April	12	95.00	13	78.00	2	20.00
May	21	170.00	58	413.00	2	20.00
June	11	90.00	37	232.00	3	30.00
Total	160	1,235.00	480	3,240.00	27	270.00

Collecting and Mercantile Agents.			Concert and Dance Halls.		Coursing.	
1907—	No.	Amount.	No.	Amount.	No.	Amount.
July	7	\$82.50	1	10.00	.	.....
August	2	15.00	2	152.00	.	.....
September	1	7.50	.	.....	1	30.00
October	2	37.50	.	.....	.	.....
November	6	67.50	2	152.00	1	30.00
December	4	30.00	.	.....	.	.....
1908—						
January	3	30.00	.	.....	.	.....
February	5	60.00	4	301.00	1	30.00
March	7	52.50	16	1,371.00	.	.....
April	6	90.00	18	1,407.00	.	.....
May	3	22.50	5	377.00	1	30.00
June	2	15.00	7	526.00	.	.....
Total	48	\$510.00	55	\$4,296.00	4	\$120.00

ANNUAL STATEMENT OF THE LICENSE DEPARTMENT—Continued.

Circus.			Deadly Weapons.		Dogs (Yearly)	
1907—	No.	Amount.	No.	Amount.	No.	Amount.
July.....	.	.....	3	\$9.00	2,555	\$5,110.00
August...	.	.....	5	15.00	550	1,100.00
September	8	440.00	12	36.00	271	542.00
October...	.	.....	25	75.00	213	426.00
November.	.	.....	14	42.00	119	238.00
December.	.	.....	10	30.00	53	106.00
1908—						
January..	4	400.00	7	21.00	97	194.00
February.	.	.....	5	15.00	81	162.00
March....	.	.....	6	18.00	39	78.00
April.....	.	.....	1	3.00	10	20.00
May.....	.	.....	9	27.00	2	4.00
June.....	.	.....	7	21.00	3	6.00
Total...	12	\$840.00	104	\$312.00	3,993	\$7,986.00

Dogs Duplicates.			Dyeing and Cleaning.		Express Agents.	
1907—	No.	Amount.	No.	Amount.	No.	Amount.
July.....	...	.....	5	\$48.00	4	\$125.00
August...	4	2.00	2	16.00	1	10.00
September	115	57.50	1	6.00	.	.....
October...	61	30.50	3	26.00	2	120.00
November.	56	28.00	4	28.00	1	10.00
December.	31	15.50	1	10.00	1	10.00
1908—						
January..	32	16.00	4	32.00	3	120.00
February.	34	17.00	5	34.00	5	30.00
March....	33	16.50	4	28.00	3	15.00
April.....	20	10.00	4	32.00	2	105.00
May.....	12	6.00	4	24.00	..	.....
June.....	3	1.50	6	44.00	10	65.00
Total...	401	\$200.50	43	\$328.00	32	\$610.00

Exhibitions and Concerts.			Fortune- Tellers.		Gas Regulators.	
1907—	No.	Amount.	No.	Amount.	No.	Amount.
July.....	..	.....	7	\$70.00	1	\$10.00
August...	..	.....	10	100.00	.	.....
September	..	.....	7	70.00	.	.....
October...	..	.....	11	110.00	1	10.00
November.	..	.....	8	80.00	.	.....
December.	..	.....	9	90.00	.	.....
1908—						
January..	..	.....	15	150.00	1	10.00
February.	..	.....	13	130.00	.	.....
March....	8	40.00	11	110.00	2	20.00
April.....	4	40.00	18	180.00	.	.....
May.....	14	130.00	9	90.00	.	.....
June.....	..	.....	10	100.00	.	.....
Total...	26	\$210.00	128	\$1,280.00	5	\$50.00

TAX COLLECTOR

ANNUAL STATEMENT OF THE LICENSE DEPARTMENT—Continued.

Guides.			Gunpowder Magazines.	
1907—	No.	Amount.	No.	Amount.
July.....	..	.....	4	\$120.00
August....	..	.....	.	.....
September	1	10.00	.	.....
October....	..	.....	.	.....
November..	..	.....	.	.....
December..	..	.....	.	.....
1908—				
January... .	..	.....	.	.....
February..	2	20.00	.	.....
March....	12	120.00	.	.....
April.....	..	.....	.	.....
May.....	4	40.00	.	.....
June.....	10	100.00	.	.....
Total... .	29	\$290.00	4	\$120.00

TOTALS FOR ADVERTISING TO GUNPOWDER MAGAZINES.

		Totals.	
1907—	No.	Amount.	
July.....	3,102	\$11,875.50	
August.....	1,118	5,466.00	
September.....	724	3,465.00	
October.....	628	2,703.00	
November.....	614	6,491.50	
December.....	806	5,384.50	
1908—			
January.....	565	3,281.00	
February.....	932	9,349.00	
March.....	682	6,511.00	
April.....	603	7,805.00	
May.....	654	4,806.50	
June.....	650	5,549.50	
Total.....	11,078	\$72,687.50	

TAX COLLECTOR

825

ANNUAL STATEMENT OF THE LICENSE DEPARTMENT—Continued.

		House Movers.	Insurance Companies.	Intelligence Offices.		
1907—	No.	Amount.	No.	Amount.	No.	Amount.
July	1	\$25.00	104	\$4,380.00	12	\$192.00
August	1	25.00	45	1,195.00	4	64.00
September . . . . .	.	.....	8	110.00	5	80.00
October . . . . .	.	.....	25	1,080.00	14	224.00
November	1	25.00	73	2,710.00	6	96.00
December . . . . .	.	.....	55	1,610.00	13	208.00
1908—						
January	3	75.00	33	965.00	16	256.00
February	2	50.00	91	3,350.00	9	144.00
March . . . . .	.	.....	36	945.00	15	240.00
April	3	75.00	19	760.00	11	176.00
May	1	25.00	109	3,825.00	5	80.00
June	1	25.00	31	825.00	18	288.00
Total	18	\$325.00	629	\$21,755.00	128	\$2,048.00
		Junk Dealers.	Laundries.	Light and Power.		
1907—	No.	Amount.	No.	Amount.	No.	Amount.
July	69	\$116.00	116	\$792.00	2	\$270.00
August	38	60.00	40	248.00	.	.....
September	41	79.00	24	154.00	1	19.00
October	75	112.00	61	410.00	.	.....
November	25	29.00	85	550.00	8	289.00
December	30	54.00	71	462.00	.	.....
1908—						
January	72	117.00	88	584.00	1	19.00
February	33	48.00	102	668.00	1	251.00
March	32	55.00	42	268.00	1	26.00
April	55	100.00	79	530.00	1	26.00
May	26	40.00	84	532.00	4	329.00
June	34	63.00	54	356.00	.	.....
Total	530	\$873.00	846	\$5,554.00	14	\$1,229.00
		Retail Liquor Dealers.	Lodgings, Hotels and Apartments.	Masque Balls.		
1907—	No.	Amount.	No.	Amount.	No.	Amount.
July	1,864	\$233,000.00	253	\$809.00	.	.....
August	255	31,875.00	146	496.00	1	10.00
September	250	31,250.00	143	445.00	1	15.00
October	1,814	226,750.00	177	559.00	7	105.00
November	278	34,750.00	69	303.00	7	105.00
December	327	40,875.00	412	1,264.00	1	15.00
1908—						
January	1,750	218,750.00	249	793.00	1	15.00
February	282	35,250.00	351	1,188.00	.	.....
March	327	40,875.00	269	825.00	2	20.00
April	1,717	214,625.00	230	832.00	2	20.00
May	314	39,250.00	301	1,057.00	3	35.00
June	321	40,125.00	310	946.00	2	20.00
Total	9,499	\$1,187,375.00	2,910	\$9,517.00	27	\$360.00

ANNUAL STATEMENT OF THE LICENSE DEPARTMENT—Continued.

Merry Go-Rounds.		Nickel-in-Slot. @ \$10 (Quarterly)		Nickel-in-Slot. @ \$2 (Quarterly)		
1907—	No.	Amount.	No.	Amount.	No.	Amount.
July . . . . .	.	.....	205	\$20,510.00	32	\$64.00
August	1	10.00	200	2,000.00	11	22.00
September	1	10.00	31	310.00	1	2.00
October . . . . .	.	.....	1,437	14,370.00	10	20.00
November . . . . .	.	.....	766	7,660.00	5	10.00
December . . . . .	.	.....	307	3,070.00	9	18.00
1908—						
January . . . . .	.	.....	2,251	22,510.00	115	230.00
February . . . . .	.	.....	590	5,900.00	141	282.00
March . . . . .	.	.....	101	1,010.00	44	88.00
April . . . . .	.	.....	2,636	26,360.00	251	502.00
May	1	10.00	328	3,280.00	69	138.00
June . . . . .	.	.....	159	1,590.00	68	136.00
Total	3	\$30.00	9,011	\$108,570.00	756	\$1,512.00
Nickel-in-Slot. @ \$2 (Yearly)		Nickel-in-Slot. Theater @ 8c (Yearly)		Out-Door Park (Yearly)		
1907—	No.	Amount.	No.	Amount.	No.	Amount.
July . . . . .	.	.....	...	.....	.	.....
August . . . . .	.	.....	300	\$24.00	.	.....
September . . . . .	.	.....	800	64.00	.	.....
October . . . . .	.	.....	...	.....	.	.....
November . . . . .	.	.....	500	40.00	1	200.00
December . . . . .	.	.....	...	.....	.	.....
1908—						
January . . . . .	.	.....	4,600	368.00	.	.....
February	4	8.00	.....	.....	.	.....
March	1	2.00	.....	.....	.	.....
April	1	2.00	1,800	144.00	1	200.00
May	3	6.00	.....	.....	.	.....
June	5	10.00	1,115	89.20	.	.....
Total	14	\$28.00	9,115	\$729.20	2	\$400.00
Pawn Brokers.		Peddlers.		Phonograph Parlors and Moving Pictures.		
1907—	No.	Amount.	No.	Amount.	No.	Amount.
July	12	\$372.00	263	\$1,578.00	15	\$375.00
August	10	310.00	54	324.00	8	200.00
September	11	341.00	14	84.00	8	200.00
October	13	403.00	283	1,698.00	18	450.00
November	7	217.00	43	258.00	13	325.00
December	15	465.00	19	114.00	16	400.00
1908—						
January	11	341.00	386	2,316.00	18	450.00
February	9	279.00	76	456.00	20	500.00
March	14	434.00	22	126.00	19	475.00
April	9	279.00	452	2,712.00	11	275.00
May	14	434.00	64	384.00	31	775.00
June	16	496.00	16	96.00	13	325.00
Total	141	\$4,371.00	1,692	\$10,146.00	190	\$4,750.00

ANNUAL STATEMENT OF THE LICENSE DEPARTMENT—Continued.

Race Course.		Restaurants.		Riding Academies.		
1907—	No.	Amount.	No.	Amount.	No.	Amount.
July.....	.	.....	350	\$1,096.00	.	.....
August....	2	\$60.00	186	625.00	.	.....
September	.	.....	202	686.00	.	.....
October...	.	.....	254	800.00	.	.....
November.	.	.....	141	457.00	.	.....
December.	.	.....	410	1,310.00	2	\$8.00
1908—						
January..	.	.....	276	898.00	.	.....
February.	2	60.00	355	1,198.00	1	4.00
March....	.	.....	241	739.00	.	.....
April.....	.	.....	293	955.00	1	4.00
May.....	.	.....	333	1,045.00	.	.....
June.....	.	.....	273	881.00	.	.....
Total...	4	\$120.00	3,314	\$10,690.00	4	\$16.00

Runners and Solicitors.		Skating Rinks.		Stage Line Agents.		
1907—	No.	Amount.	No.	Amount.	No.	Amount.
July.....	8	\$80.00	2	\$40.00	.	.....
August...	1	10.00	.	.....	.	.....
September	1	10.00	1	20.00	.	.....
October...	10	100.00	1	20.00	.	.....
November.	6	60.00	.	.....	.	.....
December.	.	.....	1	20.00	.	.....
1908—						
January..	6	60.00	.	.....	.	.....
February.	1	10.00	.	.....	.	.....
March....	1	10.00	.	.....	.	.....
April.....	10	100.00	1	20.00	.	.....
May.....	2	20.00	.	.....	.	.....
June.....	1	10.00	.	.....	2	20.00
Total...	47	\$470.00	6	\$120.00	2	\$20.00

Slaughterers.		Stables—Livery.		Sparring— Amateur (Yearly)		
1907—	No.	Amount.	No.	Amount.	No.	Amount.
July.....	6	\$67.50	26	\$104.00	.	.....
August...	3	32.50	22	88.00	.	.....
September	7	108.00	17	68.00	.	.....
October...	3	42.50	10	40.00	.	.....
November.	10	172.50	27	108.00	.	.....
December.	1	3.00	40	160.00	.	.....
1908—						
January..	13	185.00	27	108.00	.	.....
February.	9	95.50	49	196.00	.	.....
March....	1	10.00	18	72.00	.	.....
April.....	13	195.00	16	64.00	1	250.00
May.....	2	17.50	35	140.00	.	.....
June.....	5	50.50	37	148.00	.	.....
Total...	73	\$979.50	324	\$1,296.00	1	\$250.00

TAX COLLECTOR

ANNUAL STATEMENT OF THE LICENSE DEPARTMENT—Continued.

	Sparring Professional (Yearly)		Second-Hand Dealers.	
	No.	Amount.	No.	Amount.
1907—				
July.....	.	.....	3	\$8.00
August...	1	\$1,200.00	8	15.00
September	1	1,200.00	11	23.00
October...	.	.....	9	18.00
November.	.	.....	7	12.00
December.	.	.....	9	14.00
1908—				
January..	.	.....	17	34.00
February.	2	2,400.00	11	21.00
March....	.	.....	18	33.00
April.....	1	1,200.00	20	40.00
May.....	.	.....	12	22.00
June.....	.	.....	20	33.00
Total...	5	\$6,000.00	145	\$273.00

TOTALS FOR HOUSE MOVERS TO SECOND HAND DEALERS.

	No.	Totals. Amount.
1907—		
July.....	3,343	\$263,878.50
August.....	1,337	38,893.50
September.....	1,579	35,278.00
October.....	4,221	247,201.50
November.....	2,073	48,406.50
December.....	1,738	50,070.00
1908—		
January.....	9,933	249,074.00
February.....	2,141	52,358.50
March.....	1,204	46,253.00
April.....	7,634	250,446.00
May.....	1,741	51,444.50
June.....	2,501	46,532.70
Total.....	39,445	\$1,379,836.70

TAX COLLECTOR

829

ANNUAL STATEMENT OF THE LICENSE DEPARTMENT—Continued.

	Shooting Galleries.		Telephone Companies.		Transfer and Delivery.	
	No.	Amount.	No.	Amount.	No.	Amount.
1907—						
July.....	3	\$22.50	1	\$151.00	32	\$160.00
August...	6	45.00	.	.....	18	90.00
September	2	15.00	.	.....	12	60.00
October...	5	37.50	1	151.00	28	140.00
November.	8	60.00	.	.....	9	45.00
December.	4	30.00	.	.....	24	120.00
1908—						
January..	4	30.00	1	151.00	15	75.00
February.	5	37.50	.	.....	27	135.00
March....	4	30.00	.	.....	20	100.00
April.....	6	45.00	1	151.00	13	65.00
May.....	4	30.00	.	.....	24	120.00
June.....	6	45.00	.	.....	22	110.00
Total...	57	\$427.50	4	\$604.00	244	\$1,220.00

	Theaters (Majority Yearly)		Towel Companies.		Warehouses.	
	No.	Amount.	No.	Amount.	No.	Amount.
1907—						
July.....	.	.....	.	.....	6	\$60.00
August...	1	\$301.00	1	\$6.00	5	85.00
September	.	.....	.	.....	4	40.00
October...	.	.....	.	.....	3	60.00
November.	1	301.00	1	6.00	13	145.00
December.	3	507.00	.	.....	5	50.00
1908—						
January..	.	.....	.	.....	5	85.00
February.	2	306.00	.	.....	20	200.00
March....	10	738.00	.	.....	9	90.00
April.....	2	277.00	.	.....	7	80.00
May.....	.	.....	3	18.00	6	90.00
June.....	.	.....	2	12.00	13	135.00
Total...	19	\$2,430.00	7	\$42.00	96	\$1,120.00

	Water Companies.		Automobiles.		Cabs.	
	No.	Amount.	No.	Amount.	No.	Amount.
1907—						
July.....	1	\$251.00	20	\$ 77.50	3	\$4.50
August...	.	.....	28	111.00	1	1.50
September	.	.....	15	50.00	.	.....
October...	.	.....	18	57.50	.	.....
November.	1	251.00	3	7.50	.	.....
December.	.	.....	3	7.50	.	.....
1908—						
January..	.	.....	99	337.00	58	87.00
February.	1	251.00	27	113.75	32	51.00
March....	.	.....	24	97.50	2	4.50
April.....	4	8.00	21	87.25	1	1.50
May.....	2	253.00	26	127.00	.	.....
June.....	.	.....	6	25.00	4	12.00
Total...	9	\$1,014.00	290	\$1,098.50	101	\$162.00

TAX COLLECTOR

ANNUAL STATEMENT OF THE LICENSE DEPARTMENT—Continued.

Coaches.			Cars		Drivers	
			Street Railroads.		Badges.	
1907—	No.	Amount.	No.	Amount.	No.	Amount.
July	1	\$ 5.00	...	.....	58	\$58.00
August	1	5.00	...	.....	80	80.00
September	2	10.00	509	1,908.75	47	47.00
October . . . . .	.	.....	...	.....	42	42.00
November . . . . .	.	.....	...	.....	27	27.00
December . . . . .	.	.....	459	1,721.25	17	17.00
1908—						
January	4	12.50	...	.....	31	31.00
February	4	21.00	104	390.00	25	25.00
March . . . . .	.	.....	...	.....	31	31.00
April . . . . .	.	.....	499	1,871.25	35	35.00
May	9	13.50	...	.....	37	37.00
June	2	7.50	...	.....	11	11.00
Total	23	\$74.50	1,571	\$5,891.25	441	\$441.00
Hacks			Launches		Single Horse	
			Passenger		Wagons.	
			(Yearly)			
1907—	No.	Amount.	No.	Amount.	No.	Amount.
July	1	\$2.50	.	.....	248	\$372.00
August	1	2.50	.	.....	123	184.50
September	2	5.00	.	.....	49	73.50
October . . . . .	.	.....	.	.....	51	76.50
November . . . . .	.	.....	.	.....	20	30.00
December . . . . .	.	.....	.	.....	4	6.00
1908—						
January	113	282.50	.	.....	3,356	4,884.00
February	37	101.00	.	.....	1,032	1,774.00
March	17	54.50	.	.....	1,535	3,041.50
April	2	5.00	7	35.00	127	264.50
May . . . . .	.	.....	23	115.00	99	220.00
June	3	13.50	..	.....	126	284.75
Total	176	\$466.50	30	\$150.00	6,670	\$11,211.25
Two-Horse			Trucks and		Filter	
Wagons.			4-Horse Wagons		Companies.	
1907—	No.	Amount.	No.	Amount.	No.	Amount.
July	103	\$257.50	..	.....	1	\$20.00
August	43	107.50	14	\$90.00	.	.....
September	15	37.50	3	15.00	.	.....
October	19	48.25	6	60.00	.	.....
November	4	10.00	1	5.00	.	.....
December . . . . .	.	.....	.	.....	1	20.00
1908—						
January	2,782	6,955.50	641	4,155.00	.	.....
February	785	2,123.50	95	615.25	1	20.00
March	916	2,705.50	139	1,013.75	.	.....
April	65	201.00	7	65.25	.	.....
May	44	130.50	10	78.00	.	.....
June	47	156.50	4	35.00	1	20.00
Total	4,823	\$12,733.25	920	\$6,132.25	4	\$80.00

ANNUAL STATEMENT OF THE LICENSE DEPARTMENT—Continued.

TOTALS FOR SHOOTING GALLERIES TO FILTER COMPANIES.

		Totals.	
	No.		Amount.
1907—			
July.....	478		\$1,441.50
August.....	322		1,109.00
September.....	660		2,261.75
October.....	173		672.75
November.....	88		887.50
December.....	520		2,478.75
1908—			
January.....	7,009		17,085.50
February.....	2,197		6,164.00
March.....	2,707		7,906.25
April.....	797		3,191.75
May.....	287		1,232.00
June.....	247		867.25
Total.....	15,485		\$45,298.00

All municipal licenses are payable quarterly excepting those marked "Yearly" in the headings. All vehicle licenses are payable yearly excepting Street Railroad Cars.

GRAND TOTALS.

Total receipts for fiscal year 1907-1908.....	\$1,497,822.20
Total receipts for fiscal year 1906-1907.....	1,204,349.25
Gain.....	\$293,472.95
Total licenses, slots and tags sold during the year.....	66,008
Total receipts for the fiscal year.....	\$1,497,822.20

EXHIBIT.
 SHOWING COMPARISON OF RECEIPTS FOR LAST QUARTER OF FISCAL YEAR 1906-1907 WITH CORRESPONDING TERM IN 1907-1908, TOGETHER WITH THE DISTRIBUTION OF LOSSES AND GAINS.

	Last Quarter 1906-1907.	Last Quarter 1907-1908.	Loss.	Gain.
Advertisers.....	5	\$50.00		\$10.00
Assayers.....	5	25.00		55.00
Auctioneers.....	28	168.00		72.00
Ball and Ring.....	9	45.00		35.00
Bankers.....	50	6,000.00		340.00
Base Ball.....	1	10.00		
Baths.....	64	230.00		51.00
Billiards.....	393	1,572.00		1,064.00
Bowling.....	12	60.00		55.00
Brokers—Real Estate.....	316	1,740.00	\$65.00	
Brokers—Custom House.....	13	145.00		30.00
Brokers—Insurance.....	48	270.00		1,535.00
Brokers—Merchandise.....	33	265.00		90.00
Brokers—Stock and Money.....	136	991.00	268.00	
Carpet Beaters.....	10	100.00	30.00	
Collecting and Mercantile Agents.....	18	180.00	52.50	
Concert and Dance Halls.....	2	85.00		2,225.00
Coursing.....				30.00
Circus.....	6	315.00	315.00	
Deadly Weapons.....	20	60.00	9.00	
Dogs.....	36	72.00	42.00	
Dogs—Duplicates.....	41	20.50	3.00	
Dyeing and Cleaning.....	6	44.00		56.00
Express and Stage Line Agents.....	5	135.00		55.00
Exhibitions and Concerts.....				170.00
Fortune Tellers.....	20	200.00		170.00
Gas Regulators.....	1	10.00	10.00	
Guides.....				140.00

Gunpowder Magazines.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
House Movers.....	5	125.00	5	125.00	.....	.....	.....	.....	.....
Insurance Companies.....	161	5,095.00	159	5,410.00	.....	.....	.....	.....	315.00
Intelligence Offices.....	20	320.00	34	544.00	.....	.....	.....	.....	224.00
Junk Dealers.....	157	258.00	115	203.00	.....	.....	.....	55.00	.....
Laundries.....	182	1,188.00	217	1,418.00	.....	.....	.....	.....	230.00
Light and Power.....	5	327.00	5	355.00	.....	.....	.....	.....	28.00
Retail Liquor Dealers.....	2,255	282,875.00	2,352	294,000.00	.....	.....	.....	.....	11,125.00
Lodging, Hotels and Apartments.....	576	1,866.00	841	2,835.00	.....	.....	.....	.....	969.00
Masque Balls.....	1	10.00	7	75.00	.....	.....	.....	.....	65.00
Merry-Go-Rounds.....	.....	.....	1	10.00	.....	.....	.....	.....	10.00
Nickel-in-Slot @ \$10 (Quarterly).....	2,280	22,800.00	3,123	31,230.00	.....	.....	.....	.....	8,430.00
Nickel-in-Slot @ \$2 (Quarterly).....	68	136.00	388	776.00	.....	.....	.....	.....	640.00
Nickel-in-Slot @ \$2 (Yearly).....	2	4.00	9	18.00	.....	.....	.....	.....	14.00
Nickel-in-Slot @ 8c (Theater).....	800	64.00	2,915	233.20	.....	.....	.....	.....	169.20
Out-Door-Parks.....	.....	.....	1	200.00	.....	.....	.....	.....	200.00
Pawnbrokers.....	28	868.00	39	1,209.00	.....	.....	.....	.....	341.00
Peddlers.....	287	1,722.00	532	3,192.00	.....	.....	.....	.....	1,470.00
Phonograph Parlors and Moving Pictures.....	17	425.00	55	1,375.00	.....	.....	.....	.....	950.00
Race Course.....	1	30.00	.....	.....	.....	.....	.....	30.00	.....
Restaurants.....	788	2,602.00	899	2,881.00	.....	.....	.....	.....	279.00
Riding Academies.....	2	8.00	1	4.00	.....	.....	.....	4.00	.....
Runners and Solicitors.....	4	40.00	13	130.00	.....	.....	.....	.....	90.00
Skating Rinks.....	4	80.00	1	20.00	.....	.....	.....	.....	.....
Stage Line Agents.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Slaughterers.....	21	275.50	20	263.00	.....	.....	.....	.....	.....
Stables—Livery.....	77	308.00	88	352.00	.....	.....	.....	.....	44.00
Sparring (Amateur).....	5	1,250.00	1	250.00	.....	.....	.....	1,000.00	.....
Sparring (Professional).....	.....	.....	1	1,200.00	.....	.....	.....	.....	1,200.00
Second-Hand Dealers.....	9	22.00	52	95.00	.....	.....	.....	.....	73.00
Shooting Galleries.....	9	67.50	16	120.00	.....	.....	.....	.....	52.50
Telephone Companies.....	1	151.00	1	151.00	.....	.....	.....	.....	.....
Transfer and Delivery.....	70	350.00	59	295.00	.....	.....	.....	.....	.....
Theaters.....	1	5.00	2	277.00	.....	.....	.....	.....	272.00

Department of Electricity Report

BOARD OF COMMISSIONERS.

HUGO D. KELL, President.

BERNARD PAYMONVILLE, Vice-President.

A. D. CUTLER

W. H. McCARTHY

WM. P. DELANY

M. M. WREDEN

JOSEPH LEGGETT

CHARLES A. SWEIGERT

San Francisco, Cal., June 30, 1908.

To the Honorable, The Mayor of the City and County of San Francisco.

Dear Sir:—I have the honor to transmit herewith the Ninth Annual Report of the Department of Electricity, and the forty-third for this service, for the fiscal year ending June 30, 1908:

The work of the Department for the past fiscal year has been confined chiefly to the building of new circuits to relieve the overloaded lines and the interlacing with other signal circuits in several parts of the City; the partial rehabilitation of the standing construction in the outlying districts and residence portions of the City; the carrying of all circuits from 2032 Steiner street to the new building of the Central Fire Alarm Station at No. 55 Fulton street; the installing of underground service from Polk street to the new office, along Birch avenue; the installation of 150 gongs for the use of Firemen during meal hours at their residences; the wiring of interior installations in several of the municipal offices and the routine work of maintenance and operation of the Fire and Police Telegraph Systems.

With an appropriation of \$15,000.00 made by the Board of Supervisors, a new brick Class "C" building, two stories in height, sixty feet by 100 feet in depth, was erected for the Department at No. 55 Fulton street. On the first floor of this structure are installed our repair shop, store room, and battery room, and on the second floor is the general office, with a room fifty by sixty feet, reserved for the Central Fire Alarm office. The general offices were moved from 2032 Steiner street on May 26, 1908, and the repair shop and store room followed immediately from 2743 Sixteenth street. The work of installing the system of main cables for the Central Fire Alarm office is now in progress, and we expect that a temporary central station, connected by underground cables to the overhead system, will be completed within sixty days.

Your attention is respectfully directed to the necessity of installing a permanent fire alarm office, fully equipped with a complete standard signal plant; to the need of 100 additional fire alarm boxes and 100 police patrol signal boxes; to the rehabilitation of the service throughout the burned district, and to the importance of having an appropriation sufficiently large to carry on the work of inspection of interior and overhead wires, in accordance with the provisions of the ordinances of the Board of Supervisors.

The general statement of the necessity of an underground system needs no support, in view of the fact that we are daily menaced with burn-outs on our temporary overhead system from high-potential currents, to say nothing of the increased efficiency which any signal service with a well equipped underground system makes toward a reduction of the fire hazard, as far as it may, by a proper means of signal notification to the Fire Department.

On the 17th of April, 1906, this Department was actively engaged in cutting into service at its new central station in the city hall an underground system for the Fire and Police Telegraph Services, which covered an area bounded on the west by Van Ness Avenue, on the north by Broadway, on the east by the city water front and on the south by Channel street—the northern boundary extending in Pine street to Mason, thence northerly to Broadway. For this work there had been manufactured and completed all the necessary fire boxes and fire box standards, along with the installation of a complete underground cable service, in conduits as laid by the Department and in such ducts of the Pacific Telephone and Telegraph Co., as were available. The tests on the system on the 17th day of April showed the highest efficiency, and there appeared to be no serious fault whatever. The fire destroyed not only our central station; but every fire box and standard was disabled to such an extent as to require entire reconstruction. All of the laterals in the standards were injured, and the plant was as completely destroyed as the city hall appears to be at this date. A survey of the plant after the fire showed that the work done by this Department underground was practically uninjured; but where we were installed in the Telephone Company's conduit, we suffered the same relative loss as did the Telephone company. Since then, nothing has been done on this plant, no provision having been made towards rehabilitating the same. The Department, as a whole, has been maintained on an appropriation that has confined its operations to the actual maintenance of a reconstructed, temporary overhead system in the burned area. In the reconstruction of the underground plant—which work should be undertaken as soon as possible—provision should be made for an appropriation to make a complete survey of the same, with the proper instrument equipment, to the extent of testing out and locating faults caused by the earthquake and fire and the deterioration due to its lying idle for the past two and one-half years; since no accurate estimate of the cost of rehabilitating the underground system can be made until such examination has taken place—and no person is competent to pass on the actual condition of this system without a thorough examination of the same with a complete equipment of cable testing instruments.

The inspection of interior wires has earned a revenue for the City of nearly fourteen thousand dollars during the year, 4,262 applications having been received, and were our force of inspectors inadequate, this amount could be materially increased. It is needless to say that this very essential work of wire inspection has reduced the fire hazard in this City to a very large extent, and the standard to which the construction of interior installations has been brought will compare favorably with any other municipality today of its size, considering the appropriation devoted to inspection—all this in face of the tremendous amount of new buildings erected during the past year, and particularly Class "A" structures, requiring numerous visits and earning a minimum fee for the Treasury.

There is enclosed herewith samples of revised forms used by the office in handling the 10,000 or more inspections made by this Department each year, wherein an endeavor has been made to install a complete card system, obviating the duplication of office work and the use of bound books, by providing sets of uniform blanks.

I wish to repeat that a great amount of work yet remains to be accomplished, as the Department was disabled by the great fire to the extent of the total loss of both of its central stations, carrying all of its signal apparatus and machinery, its general offices and its shop equipment, together with a very large amount of new stock in the shape of manufactured instruments and material ready for immediate installation, and there remained of the Fire and Police Signal Service only a few disconnected circuits in the outlying districts.

Due consideration should be given by the proper authorities to the indispensable work of maintaining the systems of this Department at their highest

efficiency, and this only can be done by adequate appropriations, enabling the employment of a sufficient number of men and the purchase of standard equipment in sufficient quantity. We suffered a great loss during the conflagration of 1906, and have not fully recovered, and will not until measures are taken that will permit of a more thorough rehabilitation of the construction throughout the Department.

We need an immediate appropriation to provide the necessary labor and material to install additional signal circuits approximating a total of ninety miles of overhead line construction in the outlying districts, and, in addition thereto, we should install at least 100 miles of copper wire in the reconstruction of overhead circuits, in order that we may overcome the serious trouble caused by the temporary construction installed immediately after the fire with iron wire.

In the absence of a specific appropriation for the restoration and rehabilitation of the Police Signal System in the burned district, as a makeshift the Pacific Telephone and Telegraph Co. has installed forty-four police telephone boxes, connected directly with the private exchange in the office of the Chief of Police, and placed in locations designated by the Chief of Police. While this service has been acceptable and has answered the purpose, in a measure, it is by no means a permanent installation, and the complaints of its condition are numerous and frequent.

The efficiency of the Police Department would be materially increased were a standard equipment of police signal service to be installed in the burned district and the old portions of the system thoroughly overhauled and rehabilitated by new line equipment, to the extent of permitting us to introduce twin wires in an effort to overcome the serious inductive effects of excessive high-voltage conductors of the alternating system of the lighting companies.

The inspection of the overhead wires of the various services has been carried on with the assistance of one Inspector, and we have endeavored to make the work as thorough as possible with the means at hand. Provision should be made for an increase in this inspection force, in order that the violations of ordinances in the installation of new overhead work by the several companies may be detected immediately and prevented before it becomes a menace to life and property. We should be able to have an Inspector visit daily the construction gangs working at various locations, in order to determine whether the work would interfere with standing construction and to what extent the responsibility rested with the respective companies, and to enforce, in the process of installation, all the provisions of Ordinance 621.

Under special appropriations of the Board of Supervisors and of the Public Works, we have maintained an average force of six inside wiremen during the year on new construction and extensions in Fire Department houses and municipal offices, and we wish to submit that a comparison of bids filed for the same installations indicates that the work was performed at a cost somewhat lower than the estimated figures from outside sources.

Respectfully submitted,

W. R. HEWITT.
Chief, Department of Electricity.

DETAILS OF OFFICE BUSINESS.

During the fiscal year 1907-1908, there were received and transmitted by the Central Fire Alarm office, 869 first alarms of fire, forty-seven second alarms, seven third alarms, and 223 direct alarms, making a total of 1,146 alarms, and police calls numbered 20,032. Inspections of electrical wiring and apparatus, in and on buildings, totaled 19,289, and 8,405 complaints of defective work thereon were sent to contractors and others concerned, and 5,405 completed wire installations were approved. The amount of fees collected, for wire inspection, was \$13,962.85; sign permits, \$777.00; housemoving permits, \$675.00, and for fire alarm gong service, \$771.45. There were issued to 283 contracting firms annual certificates of registration and to overhead electrical service companies 528 certificates of approval; also 502 permits to erect electrical signs and twenty-seven housemoving permits. The inspection of overhead wires and construction in and over public streets involved the sending out of 1,003 complaints to the electrical service companies maintaining or installing defective work, and of interior wires the issuing of 5,737 certificates of approval.

DETAILS OF OVERHEAD CONSTRUCTION.

Owing to the reconstruction of the Telephone Company's leads of poles on which the wires of this Department were stretched, Nos. 2 and 3 signal circuits, No. 2 police circuit and universal ground circuit of Park Police Station, were removed from H Street, between Tenth and Forty-ninth Avenues, and on Forty-ninth Avenue, between H and K Streets, and reinstalled on K Street, from Forty-ninth to Forty-eighth Avenues, along Forty-eighth Avenue to I Street, thence to Tenth Avenue and along Tenth Avenue to H Street.

Fire alarm boxes to the number of forty-five were installed and seventeen boxes were changed to new locations. The tapper and alarm lines were extended to the new quarters of Engine No. 7, at Sixteenth and Albion Avenue, and of Engine No. 31, at Green and Leavenworth Streets. Four hundred eighty-one pieces of trouble were removed from the overhead lines and 1,579 complaints from Fire and Police Department stations were taken care of involving repairs of interior equipment, and 2,996 fire alarm boxes were turned in for test purposes. Lines connected to outside locals were run from the several fire engine houses of 150 homes of Firemen to announce alarms of fire during meal hours. In order to provide for a rotation of boxes on the respective lines of their neighborhood, Nos. 3, 9 and 11 signal circuits were interlaced, by extending eleven signal circuits from Steiner Street out California to Locust Street, thence to Clay and looped to Spruce, continued on Locust to Jackson and thence to Fillmore Street, and six fire alarm boxes were transferred to this line from No. 9 signal circuit. No. 9 circuit was extended from Scott Street and Vallejo to Union Street, to Montgomery Avenue, to Stockton, to Bush, to Polk, to Birch Avenue, to new central fire alarm station, and back along Polk to Bush, to Larkin, to California, to Leavenworth and thence again to California Street at Fillmore Street to which line were transferred nine fire boxes from other circuits.

In order to carry out a thorough interlacing of all circuits, four new signal lines were built as follows: No. 13 signal, from the central office out through the Potrero and South San Francisco, interlaced with four and six signal lines in those districts; No. 14 signal line, to North Beach, interlacing with Nos. 1 and 5; No. 15 to Ocean View, interlacing with No. 7, which was formerly the only circuit for fire signal purposes in that district, and No. 16 was built to the Mission and northern parts of the Potrero, interlaced with No. 6, which was formally the only line between Potrero Avenue and Mississippi Street.

A new tapper line was also constructed in order to relieve No. 4 tapper circuit, which formerly embraced all of the fire companies east of Van Ness

Avenue and Eleventh Street, and a new fire alarm line was built to relieve No. 4 alarm, which covered the same district as No. 4 tapper.

New lines were constructed for the purpose of carrying all of the Department's signal, tapper and alarm lines to the new fire alarm station, at No. 55 Fulton Street, which involved the running of fifty miles of wire and the erection of 250 cross-arms. All wires were removed from East Street, between Mission and Clay, and re-run in rear of Ferry building, in order to permit the taking down of old poles on East Street. Lines were run for three fire tappers at railroad crossings on Townsend Street

DETAILS OF CONSTRUCTION AND REPAIR IN SHOP.

There were turned out of the shop during the fiscal year, 854 jobs, including new work and repairs, comprising the manufacture of forty-six new fire alarm boxes, the rebuilding of twenty-five fire-damaged fire alarm boxes, the repair and renewal of parts of sixty-one fire alarm boxes, the auxiliaring of thirty-nine fire alarm boxes and the repair of twenty-four police patrol boxes, making a total of 225 signal boxes built, restored or repaired, in addition to which there were 50 per cent. completed fifty fire alarm box movements and entirely completed and placed in service twelve fire alarm office switches, forty-one 14-pair terminal switches, two circuit breakers, two galvanometers, twelve strap keys, two 9-point fire alarm switches, sixteen let-go covers, 783 cross-arms, eighty-eight let-goes, twenty-one pony relays and 186 pony relay covers, twelve engine house registers and covers, 136 police box and 516 fire box keys.

The repair jobs, practically amounting to reconstruction, which were executed included in part the following items: Forty-two 1, 2 and 4-pen registers, sixty-four pony relays, fifty gongs and bells, eighty-three let-goes, seven tapper relays, sixteen Morse telegraph sets, ten annunciator drops, seven take-up reels, three outside local sets, two harness hangers and twenty-nine line relays.

We have in process of manufacture new work consisting of fifty fire alarm box door locks 90 per cent completed, ten fire alarm box relays, 75 per cent completed, four keyboards, 75 per cent. completed, and twenty-nine pony relays, 25 per cent. completed, and finished fire box shells as follows: Twenty-seven outside shells, twenty-four inside shells, round, and eight inside shells, square.

Manufactured instruments and stock in shop consists of two engine house registers, one 4-pen register, one time stamp, one 4-inch vigilant bell, one vibrating bell, two repeaters, one 4-coil line relay, two box-sounder relays, three strap keys, ten line relays, one pony relay, one Morse set, three telegraph keys, one Giant sounder, four relay covers, one "Old California" keyboard, two magneto bells, one test set, eight "Old California" fire alarm box shells, two tapper relays, two double-contact line relays, twenty-six mechanical bells and tappers and ninety-eight fire damaged parts of signal boxes.

There were painted 217 fire alarm boxes, 783 cross-arms, 1,500 feet of outside and inside moulding, terminal boxes, tool boxes, etc., and there were finished, shellaced or lettered ninety-one fire boxes, 186 relay covers, 175 bases twelve engine house boards, relay coils, fifty fire box signs, thirty key signs and a number of battery shelves, horse and wagon covers and instruments and bases.

DETAILS OF INTERIOR ELECTRICAL CONSTRUCTION.

Under the head of Inside Wiring, the following work was installed during the year:

Municipal Offices, viz: Assessor, Auditor, Supervisors, Public Works, City and County Attorney, Coroner, Criminal Courts, Civil Service Commission, District Attorney, County Clerk, Law Library, Mayor, Recorder, Sheriff, Treasurer and Tax Collector, a total of 742 incandescent lights, twelve arc

lights, twenty signal bells and buzzers, four intercommunicating telephones, including a conduit system, twenty-four rewired vault lights with special switching service and fan motor and door-opener, dusters, chandeliers, etc., all construction being designed to provide the particular electrical facilities required in the respective premises.

Installation in Police Department quarters consisted of twenty incandescent lights, three arc lamps, call bells and complete rewiring of the new addition to the City Prison; the wiring for and installation of twelve incandescent lights, push buttons and switches in offices of Property Clerk and Secretary of Board, Eddy Street; the wiring for and installation of twenty-five desk lights and combination fixtures, fire tapper and six incandescent lights in stable at North End Police Station, and rewiring and overhauling for new terminal strips and safety fuses at Park and Mission Stations, together with the installation of ninety-eight cells of Gladstone battery. There were installed at the Chief's headquarters, three electric heaters, and at Harbor Station, three desk lamps. Lamps and burned-out switches were renewed and efficiency of service maintained throughout the several stations of the Police Department.

In Branch Jails Nos. 2 and 3 there were installed ninety-two incandescent lights and a system of alarm gongs, return call-bell equipment, telephones and push buttons and the wiring installation throughout was overhauled and brought up to a standard of efficiency.

For the Department of Health there were wired for and installed 450 incandescent lights, seven arc lamps and pole line at Home of Aged and Infirm, Ingleside; twenty drop lights in extension of Central Emergency Hospital were also installed and twelve repair jobs taken care of.

The central fire alarm office, Steiner Street, was extended and the capacity of the main switch-board doubled, where 604 additional cells of Gladstone battery were installed. Bells, police boxes, automatic lighting systems, etc., of the Fire and Police Stations required the installation of 800 cells of dry battery, and large signal tappers and registers were installed in premises of three steam-using concerns on the city front for steam signal purposes in connection with the Fire Boat Service. The electric light equipment of the safety stations along Market Street at Montgomery, Grant Avenue, Stockton, Powell and Taylor Streets was entirely overhauled and restored to the efficiency which obtained before the disaster of April, 1906, and the new building of the Department of Electricity, on Fulton Street, was wired throughout for light and power.

The interior electrical work accomplished for the Fire Department was of considerable magnitude, involving the construction of lighting systems, with combination fixtures and signal equipment, in newly built engine house Nos. 7 and 31; the reconstruction of the wiring installations of seventeen new engine houses in the burned district, concealing all circuits in order to permit the sheathing of interiors; the rewiring of sixteen houses in the unburned district for new instrument boards, equipped with test switches, safety devices, similar equipment having been installed as well in the seventeen new engine houses, together with electric horse let-goes, and the usual amount of repairs and improvement was carried on; burn-outs, defective switches, grounds on house locals and other troubles having been given efficient attention throughout the year.

FINANCIAL STATEMENT.—1907-1908.

Appropriation.	Purpose.	Expenditure.	Surplus.
\$46,000.00.	Salaries	\$45,843.85	\$156.15
10,000.00.	Maintenance and operation.....	10,000.00	.....
18,926.35.	Rehabilitation	18,767.47	158.88
		\$74,611.32	.....
\$74,926.35.	Total expenditure.....	\$74,611.32	
	Net surplus, returned to the General Fund.....		\$315.03

DISBURSEMENT OF SPECIAL APPROPRIATIONS.

Resolution No.	Purpose.	Amt. Appropriated.	Expenditure.	Surplus.
2046	Wiring Enginehouse Nos. 7 and 31....	\$ 499.00	\$ 498.54	\$.46
1410	Tax office lights.....	315.00	305.41	9.59
2098	Wires to Department of Electricity building, 55 Fulton Street.....	3,500.00	3,232.19	267.81
1378	Horse let-goes in Enginehouses.....	720.00	718.63	1.37
2050	Treasury lighting system and switches	90.00	88.59	1.41
1935	Restoring Safety Stations on Market Street	230.00	229.40	.60
	Totals	\$5,354.00	\$5,072.76	\$281.24

TABLE NO. 1.
SHOWING THE NUMBER OF ALARMS EACH DAY AND MONTH
DURING THE YEAR.

Day of Week	1907						1908						Totals
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	
Monday	14	10	13	3	8	9	14	15	10	16	21	25	158
Tuesday	16	11	11	16	14	18	6	16	27	17	12	20	184
Wednesday	20	8	19	17	10	10	7	16	8	24	19	16	174
Thursday	22	7	9	25	14	16	11	10	15	17	15	13	174
Friday	14	13	10	19	10	7	8	12	12	14	11	19	149
Saturday	7	15	16	15	18	13	16	10	19	11	20	19	179
Sunday	3	13	9	10	10	8	4	7	22	9	23	10	128
Totals	96	77	87	105	84	81	66	86	113	108	121	122	1146

First alarms of fire numbered..... 869
 Second alarms of fire numbered..... 47
 Third alarms of fire numbered..... 7
 Direct alarms of fire numbered..... 223

Total alarms of fire numbered.....1,146

TABLE NO. 2.

SHOWING THE NUMBER OF ALARMS EACH HOUR OF THE DAY
DURING THE YEAR.

Months	A. M.												Totals
	1	2	3	4	5	6	7	8	9	10	11	12	
1907													
July	1	1	4	3	3	0	2	2	1	4	3	3	27
August	3	3	2	2	3	0	1	0	0	4	3	3	24
September	2	3	1	2	1	0	2	1	7	1	4	1	25
October	2	3	2	1	1	3	2	2	4	1	2	6	29
November	2	2	2	1	1	1	6	3	3	4	3	3	31
December	9	2	2	0	0	2	0	5	4	2	0	3	29
1908													
January	4	4	0	0	0	2	1	0	3	0	4	7	25
February	2	2	1	1	4	1	0	5	3	3	7	0	29
March	4	4	1	4	0	0	0	4	5	0	8	3	33
April	9	6	1	0	0	0	1	1	5	1	5	1	30
May	4	3	4	3	0	2	1	2	3	6	1	4	33
June	6	5	3	2	1	0	2	2	3	3	5	4	36
Totals	48	38	23	19	14	11	18	27	41	29	45	38	351
Months	P. M.												Totals
	1	2	3	4	5	6	7	8	9	10	11	12	
1907													
July	8	9	2	5	8	2	5	8	7	10	1	4	69
August	4	8	6	5	5	5	2	2	1	3	7	5	53
September	2	6	13	6	5	5	8	0	5	3	2	7	62
October	5	4	4	1	6	12	6	6	9	7	4	12	76
November	12	2	2	4	3	7	4	3	3	1	5	7	53
December	2	2	2	1	8	8	4	2	7	4	9	3	52
1908													
January	1	1	7	6	1	5	2	6	2	2	3	5	41
February	2	4	2	8	2	2	4	12	9	4	2	6	57
March	8	5	9	8	7	13	10	10	2	4	1	3	80
April	8	8	4	8	4	7	7	4	9	3	11	5	78
May	11	12	8	7	2	8	6	12	4	6	7	5	88
June	5	8	9	10	12	5	13	7	8	2	0	7	86
Totals	68	69	68	69	63	79	71	72	66	49	52	69	795

TABLE NO. 3.

SHOWING THE NUMBER OF ALARMS FROM EACH BOX DURING THE FISCAL YEAR 1907-1908.

Box.....	Alarms.....	Box.....	Alarms.....	Box.....	Alarms.....	Box.....	Alarms.....	Box.....	Alarms.....	Box.....	Alarms.....
13		156	1	259		361	7	464	2	563	1
14	1	161	2	261	7	362	1	466		564	
15	10	162		263	9	363	5	467	1	566	3
16	1	163	2	264	2	364	4	468	1	567	2
18	8	164		265	4	365	4	471		568	1
19		165	1	267	2	366		472		571	4
29	3	166	1	268	4	367	1	473		572	4
34	3	167	1	269	1	368	4	474	2	573	1
36	2	168		271	1	369	1	475	1	574	
37	1	169		272	4	375	1	476		575	2
38		172	2	273		378		478		576	
39	1	173	3	274		381	1	479	2	577	5
46	2	174	9	275	7	382	7	481	2	578	1
47	5	175	1	276	7	383	3	482		579	1
48	10	176	4	277	1	384	1	483	1	581	
51	1	177	10	278	3	385	1	484	1	583	1
53	5	178		279	8	386	1	485	1	584	4
54	2	179	4	281	1	387		486	3	587	7
56	7	182	2	282		388	1	487	2	588	
58	5	184	14	283		389		488	5	589	
59	6	185	8	284	8	391	3	489		593	1
62	3	186	2	285	3	392		491		594	
63	4	187	5	286	5	393		492	2	595	
64	5	188	4	287	4	394	1	493		597	2
68	1	189	1	288	1	395	4	494		611	
69	3	191	5	289	2	396	1	495		613	
71	3	192	4	293	2	397		496	1	614	
72	1	195	4	294	1	398		497	1	615	
78	8	196	2	295	1	399	1	511	5	618	
79	1	197	3	296	1	411		512		621	4
81	3	198	10	298	5	412		513	4	622	3
82	1	199	6	311	4	413		514	3	625	2
83	2	211	1	312		414	2	515	3	629	2
84	1	212	4	314	2	415	2	516	5	632	1
85	3	213	7	315		416	1	517	3	636	
87		214	1	316		417	1	518		637	2
88	8	215	2	317	2	418	4	519		641	
89	3	216	6	318	1	419		521	1	642	1
91	5	217	3	319	3	421		522	3	644	
92	6	218	4	321	3	422	1	523		654	1
95	5	219		322		423	2	524	1	655	16
98	3	231	4	323		424	2	525		656	4
99	2	232	1	324	1	425	2	526	2	657	1
116		233	5	325	4	426	1	527	10	658	1
118		234	4	326	10	427		528	2	662	1
122		235	1	327	1	428	1	529		665	2
123	1	236	4	328	5	429		531	2	671	5
124		237		329	1	431	3	532	4	675	4
125	1	238	1	334	2	432	1	533	1	676	1
126	1	239	3	341	6	433	4	534	1	683	2
127	2	241	3	342	1	434	1	536	1	685	2
129	2	242	1	343	4	435	2	537		686	3
131		243		344	1	436		538		687	4
132		244	2	345	2	438		539	1	691	3
135	1	245		346	2	439	5	541		693	
136	7	246	1	347	1	443	2	542	6	694	1
138		247	1	348	3	451	2	543		697	8
141	12	248	2	349		452	5	544	1	712	
142	5	249	2	351	5	453	2	545	1	715	
143	16	251	2	352	1	455	1	546	7	716	
144	6	252	1	353	4	456	2	547	3	717	1
145	1	253		354	2	457	1	549	2	718	
146	4	254	2	355	4	458		551		721	
147	5	255	1	356	5	459	2	558	2	723	1
149	2	256	2	357	5	461		561	3	726	
151	2	257		358		462	1	562	2	727	1
155		258	7	359	10	463	1				

FIRE ALARM BOXES.

Fire alarm boxes installed during year.....	44
Total number in service.....	402

The following is list of boxes in service with location:

Box.	Location.	Box.	Location.
13	Davis-Clay.	122	Larkin-Greenwich.
14	Montgomery Ave.-Union.	123	Union-Hyde.
15	East, opp. Clay.	124	Larkin-North Point.
*16	Mason-Vallejo.	125	Filbert-Jones.
18	Sansome-Washington.	126	Hyde-Washington.
19	Front-Jackson.	129	Pacific-Leavenworth.
*29	Pine-Stockton.	131	Jones-Sacramento.
36	Folsom-Steuart.	*132	Pine-Mason.
34	East, opp. Mission.	135	Sutter-Larkin.
36	Folsom-Steuart.	136	Post-Van Ness Ave.
36	East, opp. Folsom.	138	California-Larkin.
*37	Battery-Bush.	141	Valencia-Seventeenth.
*38	Market-Second.	142	Valencia Twenty-first.
39	Howard-Spear.	143	Mission-Twenty-second.
46	Kearny-Sutter.	144	Seventeenth-Howard.
47	Market-Powell.	145	Twenty-second-Folsom.
48	Geary-Kearny.	146	Sixteenth-Folsom.
51	Folsom-Main.	147	Twentieth-Mission.
53	Third-Townsend.	149	Eighteenth-Folsom.
54	Second-Howard.	151	Seventh-Berry.
*56	Bryant-Second.	155	Third-Folsom.
58	Folsom-First.	156	Fourth-Berry.
59	First-Brannan.	*161	Polk-Pacific.
62	Fourth-Mission.	162	Pacific Ave.-Franklin.
63	Fourth-Harrison.	163	California-Van Ness Ave.
64	Fifth-Howard.	164	Clay-Polk.
68	Fourth-Brannan.	165	Lombard-Van Ness Ave.
69	Third-Bryant.	166	Washington-Gough.
71	Mission-Twelfth.	167	Union-Polk.
72	Howard-Thirteenth.	*168	Vallejo-Van Ness Ave.
78	Howard-Ninth.	169	Chestnut-Hyde.
79	Twelfth-Folsom.	172	McAllister-Buchanan.
81	Hayes-Franklin.	173	Eddy-Buchanan.
82	Fulton-Gough.	174	Turk-Fillmore.
83	Oak-Octavia.	175	Webster-Grove.
84	Haight-Gough.	176	Post-Octavia.
85	Hayes-Laguna.	177	O'Farrell-Van Ness Ave.
87	Hayes-Steiner.	178	Geary-Buchanan.
88	Van Ness Av.-Golden Gate Av.	179	Ellis-Gough.
89	Grove-Van Ness Ave.	182	Sixth-Townsend.
91	Larkin-Golden Gate Ave.	184	Eighth-Folsom.
92	Turk-Franklin.	185	Tenth-Bryant.
95	Taylor-Market.	186	Fifth-Bryant.
*98	Stockton-Ellis.	*187	Eighth-Bryant.
99	Market-Eighth.	188	Ninth-Brannan.
116	Post-Leavenworth.	189	Sixth-Hooper.
118	Post-Powell.	*191	Taylor-Beach.

*New boxes installed during year.

Box.	Location.	Box.	Location.
192	Taylor-Lombard.	273	Eighteenth-Noe.
195	Montgomery Ave.-Greenwich.	274	Twenty-fourth-Guerrero.
*196	Stockton-Greenwich.	275	Twenty-fourth-Church.
197	Bay-Mason.	276	Eighteenth-Guerrero.
198	Filbert-Dupont.	277	Twentieth-Castro.
199	Montgomery Ave.-North Point.	278	Twenty-fourth-Castro.
211	Post-Fillmore.	*279	Eighteenth-Mission.
212	Pine-Steiner.	281	San Bruno Ave.-Army.
213	Sutter-Buchanan.	282	Virginia Ave.-Prospect Ave.
214	Sutter-Pierce.	283	Twenty-eighth-Church.
215	Washington-Webster.	284	Twenty-ninth-Mission.
216	Sacramento-Fillmore.	285	Twenty-fifth-Florida.
217	Pine-Devisadero.	286	Twenty-fourth-York.
218	Bush-Fillmore.	287	Twenty-ninth-Sanchez.
219	Union-Fillmore.	288	California Ave.-Powell Ave.
231	Twenty-third-Howard.	289	Folsom-Precita Ave.
232	Twenty-third-Valencia.	*293	Stockton-Washington.
233	Twenty-fifth-Folsom.	294	Dupont-California.
234	Twenty-fourth-Harrison.	295	Broadway-Powell.
235	Twenty-second-Potrero Ave.	*296	Pine-Kearny.
236	Twenty-sixth-Mission.	*298	Third-Mission.
237	Twenty-second-Dolores.	311	Broadway-Webster.
238	Sixteenth-Potrero Ave.	312	Jackson-Laguna.
239	Nineteenth-Bryant.	314	California-Laguna.
241	Sutter-Gough.	315	Jackson-Baker.
242	Oak-Pierce.	316	Vallejo-Scott.
243	Clay-Scott.	317	Clay-Buchanan.
244	Broderick-O'Farrell.	318	Jackson-Devisadero.
245	Geary-Steiner.	319	Broderick-Broadway.
246	Post-Devisadero.	321	California-Pierce.
247	Turk-Scott.	322	Pine-Baker.
248	Fulton-Devisadero.	323	Sutter-Presidio Ave.
249	McAllister-Central Ave.	324	Sacramento-Broderick.
251	Broadway-Octavia.	325	California-Presidio Ave.
*252	Vallejo-Steiner.	326	Post-Baker.
253	Union-Laguna.	327	Pt. Lobos Ave.-Parker Ave.
254	Union-Pierce.	328	Pt. Lobos Ave.-Wood.
255	Vallejo-Buchanan.	329	Ninth Ave.-C.
256	Fillmore-Jackson.	*334	Fourteenth-Mission.
257	Fillmore-Chestnut.	341	Ellis-Pierce.
258	Pacific Ave.-Pierce.	342	Golden Gate Ave.-Octavia.
259	Bay-Buchanan.	343	Fillmore-Fulton.
261	First-Mission.	344	McAllister-Pierce.
263	Main-Bryant.	345	Hayes-Central Ave.
264	California-Front.	346	Broderick-Golden Gate Ave.
265	Main-Mission.	347	Eddy-Devisadero.
†266	Second-Mission.	348	Baker-Fulton.
*267	Market-Beale.	349	Fell-Clayton.
*268	First-Harrison.	351	Broadway-Kearny.
269	Steuart-Harrison.	352	Bay-Kearny.
271	Seventeenth-Church.	353	East, opp. Chestnut.
272	Sixteenth-Sanchez.	354	Broadway-Battery.

*New boxes installed during year.

†Box 266 installed during current fiscal year, July 28th, 1908.

Box.	Location.	Box.	Location.
*355	Battery-Union.	432	Washington-Walnut.
356	Sansome-Greenwich.	433	California-Maple.
357	Kearny-Green.	434	Sacramento-Laurel.
358	East, opp. Pacific.	435	Clay-Spruce.
*359	Vallejo-Sansome.	436	Jackson-Maple.
361	Valencia-Duboce Ave.	439	Clay-Lyon.
362	Fourteenth-Noe.	*443	Eighteenth-Hampshire.
363	Fourteenth-Guerrero.	451	Mission-Highland Ave.
364	Fifteenth-Howard.	452	Cortland Ave.-North Ave.
365	Fourteenth-Harrison.	453	Twenty-sixth-Sanchez.
366	Nineteenth-Diamond.	455	Twenty-fourth-Douglass.
367	Seventeenth-Douglass.	456	Twenty-second-Noe.
368	Market-Church.	457	Twentieth-Church.
369	Eighteenth-Danvers.	458	Army-Guerrero.
375	Eddy-Leavenworth.	459	Randall-Chenery.
*378	O'Farrell-Larkin.	461	Twenty-first-Bryant.
381	Haight-Buchanan.	462	Twenty-third-Vermont.
382	Fillmore-Haight.	463	Alabama-Montcalm.
383	Waller-Pierce.	464	Twentieth-Harrison.
384	Webster-Oak.	466	Twenty-fifth-Kansas.
385	Haight-Scott.	467	Seventeenth-Bryant.
386	Oak-Devisadero.	468	Army-York.
387	Hayes-Broderick.	471	Parnassus Ave.-Second Ave.
388	Haight-Baker.	472	Willard-Belmont Ave.
389	S. Broderick-Duboce Ave.	473	Willard-Frederick.
391	Ashbury-Frederick.	474	Almshouse.
392	Page-Central Ave.	475	Eighth Ave.-I.
393	Buena Vista Ave.-Central Ave.	476	Ninth Ave.-K.
394	Page-Cole.	478	Eighteenth Ave.-I.
395	Haight-Stanyan.	479	Tenth Ave.-M.
396	Stanyan-Parnassus Ave.	481	Pt. Lobos Ave.-Ninth Ave.
397	Oak-Ashbury.	482	California-Tenth Ave.
398	Clayton-Waller.	483	Thirteenth Ave.-Lake.
399	Frederick-Cole.	484	California-Twenty-first Ave.
411	Willard-Golden Gate Ave.	485	Pt. Lobos-Twenty-Second Ave.
412	Pt. Lobos Ave.-First Ave.	486	Pt. Lobos-Thirty-second Ave.
413	Clement-Seventh Ave.	487	Second Ave.-B.
414	Seventh Ave.-Lake.	488	Cliff Ave.-Forty-eighth Ave.
415	Twelfth Ave.-Clement.	489	Forty-ninth Ave.-B.
416	Fulton-Stanyan.	491	Fifteenth-Castro.
417	Fulton-Sixth Ave.	492	Seventeenth-Castro.
418	Pt. Lobos Ave.-Fifth Ave.	493	Seventeenth-Lower Terrace.
419	California-Fourth Ave.	494	Twenty-first-Douglass.
421	Gough-Green.	495	Twenty-third-Sanchez.
422	Octavia-Greenwich.	496	Twenty-third-Hoffman Ave.
423	Steiner-Greenwich.	497	Twenty-fifth-Diamond.
424	Devisadero-Union.	*499	Twenty-eighth-Diamond.
425	Baker-Greenwich.	511	Kansas-Alameda.
426	Baker-Jefferson.	512	Fourth-Kentucky.
426	Broderick-Tonquin.	513	Eighteenth-Kentucky.
427	Lombard-Devisadero.	514	Twentieth-Michigan.
428	Lombard-Buchanan.	515	Sixteenth-Kentucky.
429	Presidio Reservation.	516	Twenty-second-Georgia.
431	Clay-Cherry.	517	Twenty-second-Kentucky.

*New boxes installed during year.

Box.	Location.	Box.	Location.
518	Twentieth-Connecticut.	*587	Fell-Fillmore.
519	Eighteenth-Missouri.	588	Fell-Baker.
521	Seventeenth-Carolina.	589	Hayes-Shrader.
522	Nineteenth-Vermont.	593	Waller-Devisadero.
523	Twenty-fifth-Iowa.	594	Haight-Masonic Ave.
524	Army-Missouri.	595	Piedmont Ave.-Masonic Ave.
525	Utah-Mariposa.	597	Clayton-Parnassus Ave.
526	Seventh-Sixteenth.	*611	Washington-Drumm.
527	Seventh-Irwin.	613	East, opp. Vallejo.
528	Nineteenth-Minnesota.	614	East, opp. Union.
529	Sixth-South.	615	East, opp. Greenwich.
531	Kentucky-First Ave. So.	*618	Battery-Clay.
532	Sixth Ave. So.-M.	621	Sutter-Sansome.
533	Railroad Ave.-Fifth Ave. So.	622	Montgomery-California.
534	Sixth Ave. So.-Q.	625	Kearny-Washington.
536	Railroad Ave.-Tenth Ave. So.	629	Bay-Stockton.
537	Fifteenth Ave. So.-Q.	*632	Powell-Beach.
538	Twelfth Ave. So.-P.	636	Mason-Sacramento.
539	Railroad-Eighteenth Ave. So.	637	Mason-Jackson.
541	San Bruno-Fifteenth Ave. So.	641	Taylor-Broadway.
542	Cortland Ave.-Nevada Ave.	*642	Jones-Jackson.
*543	Eighteenth Ave. So.-H.	644	Leavenworth-Golden Gate Ave.
544	Crescent Ave.-Andover Ave.	654	Pine-Polk.
545	Railroad Ave.-Thirty-second So.	655	Eddy-Van Ness Ave.
546	San Bruno Ave.-Silver Ave.	656	Bush-Van Ness Ave.
547	San Bruno Ave.-Paul Ave.	657	Washington-Van Ness Ave.
549	San Bruno Ave.-Leland Ave.	658	Bay-Van Ness Ave.
*551	Alameda-Michigan.	*662	Pine-Franklin.
*558	Twenty-second-Wisconsin.	*665	Bush-Octavia.
561	Mission-Silver Ave.	671	East, opp. Howard.
562	Brazil Ave.-Lisbon.	675	Second-Townsend.
563	Mission-Onondaga Ave.	676	Third-Berry.
564	Mission Bosworth.	683	Fifth-Berry.
566	Mission-Sickle's Ave.	*685	Sixth-Howard.
567	Mission-Naglee Ave.	686	Sixth-Harrison.
568	Mission-Geneva Ave.	*687	Sixth-Brannan.
571	Chenery-Diamond.	691	Seventh-Bryant.
572	Sunnyside Ave.-Baden.	*693	Seventh-Mission.
573	Sunnyside Ave.-Foerster.	*694	Ninth-Harrison.
574	San Jose Ave.-Ocean Ave.	697	Fell-Polk.
*575	Holloway Ave.-Golden State Av.	*712	Jordan Ave.-Euclid Ave.
576	Lobos-Orizaba Ave.	*715	Seventh Ave.-A.
577	Ocean Ave.-Arlington Ave.	*716	Fifth Ave.-B.
578	Plymouth Ave.-Sugamore.	717	California-Twenty-sixth Ave.
579	Ocean Ave.-Lee Ave.	718	Cliff Ave.-Fortieth Ave.
581	Geary-Franklin.	721	Fourth Ave.-H.
583	Fillmore-O-Farrell.	*723	Eleventh Ave.-I.
584	Ellis-Webster.	726	Forty-ninth Ave.-P.
		727	Forty-eighth Ave.-K.

*New boxes installed during year.

POLICE TELEPHONE CALL BOXES.

LIST OF SIX LOCALS AND NUMBERS ON PRIVATE EXCHANGE SWITCHBOARD, DOUGLAS 20.—POLICE HEADQUARTERS, 34 EDDY STREET.

LOCAL NO. 3.

- 5 Eighth and Market.
- 11 Seventh and Harrison.
- 30 Eleventh and Howard.
- 29 Octavia and Linden Ave.
- 44 Washington Ave. and Mission.
- 36 McAllister and Leavenworth.
- 41 Fifth Ave. and J South
- 31 Seventeenth and Connecticut.
- 24 Railroad and Fifth Ave. South.
- 14 Twenty-second and Kentucky.

LOCAL NO. 14.

- 28 Bay and Van Ness.
- 27 Union and Polk.
- 47 California and Larkin.
- 21 Union and Leavenworth.

LOCAL NO. 21.

- 7 Beale, bet Market and Mission.
- 6 Folsom and East.
- 33 Spear and Harrison.
- 32 First and Natoma.
- 35 Second and Stevenson.
- 50 Fifth and Stevenson.
- 12 Third Street, near King.
- 8 Fourth and Stevenson.

LOCAL NO. 23.

- 4 Bay and Stockton.
- 20 Powell and Union.
- 45 Broadway and Powell.
- 2 Pacific and Dupont.
- 9 Commercial, bet Dupont and Kearny.
- 23 Waverly, bet. Clay and Washington.
- 48 Bush and Grant Ave.
- 3 Geary and Stockton.
- 13 O'Farrell and Grant Ave.

LOCAL NO. 29.

- 38 Baker and Jefferson.
- 42 Union and Steiner.
- 28 Baker and Lombard.
- 34 Turk and Buchanan.
- 22 Ellis and Buchanan.
- 37 Post and Buchanan.

LOCAL NO. 30.

- 10 Broadway Wharf.
- 39 Seawall, at Union St. Wharf.
- 26 Merchant, bet. Front and Battery.
- 15 Gold, bet, Montgomery and Sansome.
- 17 Halleck and Leidersdorff.
- 43 Bush and Battery.
- 1 South end Ferry Bldg.

Total, March 21, 1908.....44 stations.

Fire Department Signal Code.

Following is the code used by the Fire Department in handling alarms of fire; also, a proposed "Joker Code" to be used in calls for and the movement of special details of apparatus.

Fire Chiefs and Operators in sending signals will adhere strictly to the following code:

- 1 -
- 2 --
- 3 ---
- 4 ----
- 5 -----
- 6 -----
- 7 -----
- 8 -----
- 9 -----

All box numbers to be made in combination of these nine units. Example: Box 234 made as follows:
Chief's Operator:

20 dots
2
3
4
(Signs)

..... at -- --- ----

Particular attention must be paid to proper spacing between figures so as not to run them together, also between the word "at" and the first figure, and between the last figure and the Chief's signature.

All figures should be made in short dashes.

If, when sending signals from street boxes, Fire Chiefs do

2
2

not receive the -- -- in answer to their signal, they will send it again, and then, if there be no response, go to the nearest box and repeat the signal.

If Fire Chiefs make a mistake in sending a signal, correct same by making the "waiting" signal of:

10
10

and then proceed with the proper signal.

A fire box is out of service when a first alarm is received from it, and no succeeding alarm from it will be struck until the Battalion Chief or his operator calls at the box and

places it back in service by giving a call for an additional assignment or the waiting signal of Ten Ten (10-10). Upon receipt of this signal it is understood that the box is back in service, and any subsequent first alarm may be struck for it. In order to place a box back in service, as above indicated, the Battalion Chiefs should send their Operator to the box immediately upon arrival there, and upon his calling the Fire Alarm Office the Firm Alarm Operator on watch will transmit any information concerning the pulling of the box and direct him to the locations of direct alarms of fire.

If a fire alarm box has become disabled or inoperative after having a first alarm struck from it, the Battalion Chief may place it back in service from an adjacent box, using the following code:

BOX 23 OUT OF SERVICE, BEING PLACED BACK FROM BOX 25.

Battalion Chief			2	5		
.....	at	--	-----		and	signs.
		2	2			
Operator:		--	--			
		2	3	10		10
Batt. Chief:		--	--	-----		-----
		2	2			
Operator:		--	--			
		2	5	10		10
Bat. Chief:		--	-----	-----		-----

a clearance or other assignment call.

In order to prevent unnecessary repetition of signals, when a Fire Chief calls at a box, giving the 10-10, stands waiting for orders and the Operator has given him all boxes and business then in office, and the Fire Chief then gets a clearance from the box, and moving to an adjacent box, gives the waiting signal of 10-10, if there be no additional or new business to that which has been previously given to the same Chief, the Operator will give 3-3; but, if there be additional boxes, tap outs or other business for the Fire Chief, the Operator will give the new business only, it being understood that the receipt of the business from the first box is sufficient and acknowledged, and needs no repetition.

When a Fire Chief gives the signal 10-10 at a box from which an alarm has been received at which he is due, the Fire Alarm Operator shall give this Chief only the boxes and

signals that may have been received after the alarm to which such Chief is responding.

No second or succeeding alarm will be struck for any box unless a first alarm has been received from such box. When a Fire Chief, desiring a second alarm from any box, is uncertain as to whether a first alarm has been sent in from that box, he shall pull the hook as soon as the outside door is opened, and then, after the box has run down, open the inside door and call for the second alarm according to the code.

When several boxes in the same vicinity are pulled within a period of ten minutes and different Chiefs call for second or greater alarms from two or more of these boxes, the Fire Alarm Operator, having struck a second or greater alarm from one box, shall notify the Chief calling for a second or greater alarm from an adjacent box of such fact by means of the Morse key, in order that such Chief may be enabled to recall his order if desired.

WAITING SIGNAL

In order to hold a Fire Chief, give the "waiting" signal of:

10 10

ERRORS IN ALARMS

All errors in alarms and tap out signal will be immediately corrected by a "re-call" signal, consisting of ten (10) blows on tapper, repeated, thus:

10 10

after which will follow the corrected signal.

BOX CALLS

Fire Chiefs when calling from a fire box for information, will give the "waiting" signal, and the Fire Alarm Operator will then (if there are box calls or other information to be transmitted to said Fire Chiefs) transmit same over the line without further signals, thus: Fire Chief at Box 143:

Fire Chief's Operator:

1 4 3

..... at ----- (signs)

2 2

Fire Alarm Operator: -- --

10 10

Fire Chief: -----

Fire Alarm Operator: Two rounds of box, assignment, or other orders received, OR

Fire Alarm Operator: $\begin{matrix} 3 & 3 \\ --- & --- \end{matrix}$ (if there be no orders)

Fire Chief acknowledges by: $\begin{matrix} 2 & 2 \\ -- & -- \end{matrix}$ and closes with:
Final Clearance (given in all instances when closing box,

Fire Chief's Operator: $\begin{matrix} G & B \\ --- & \dots \end{matrix}$ (signs)

Fire Alarm Operator: $\begin{matrix} G & B \\ --- & \dots \end{matrix}$

RECEIVING AND STRIKING ALARMS

First Alarm

From Box 25. Tappers: 25-25
Gongs: 25-25

Second Alarm

Chief..... at $\begin{matrix} 2 & 5 \\ -- & ----- \end{matrix}$ (signs)

Fire Alarm Operator: $\begin{matrix} 2 & 2 \\ -- & -- \end{matrix}$

Fire Chief taps in $\begin{matrix} 2 & 2 \\ -- & -- \end{matrix}$ and pulls the box.

F. A. Operator strikes tappers $\begin{matrix} 2 & 2 \\ -- & -- \end{matrix}$ followed by two

rounds of the box on tappers and then gongs $\begin{matrix} 2 & 2 \\ -- & -- \end{matrix}$
followed by two rounds on gongs, thus:

Tappers: 2-2, 25-25

Gongs: 2-2, 25-25

Third Alarm

Chief..... dots at $\begin{matrix} 2 & 5 \\ -- & ----- \end{matrix}$ (signs)

Fire Alarm Operator: $\begin{matrix} 2 & 2 \\ -- & -- \end{matrix}$

Fire Chief taps in $\begin{matrix} 3 & 3 \\ --- & --- \end{matrix}$ and pulls box.
thus):

Fire Alarm Operator strikes tapper $\begin{matrix} 3 & 3 \\ --- & --- \end{matrix}$ followed

by two rounds of the box on tappers and then gongs

3 3
 --- --- followed by two rounds on gongs, thus:

Tappers: 3 - 3, 25 - 25

Gongs: 3 - 3, 25 - 25

This code to be continued indefinitely, using the respective preliminary signals.

The following code will be used by Fire Chiefs when calling for assignments other than First Alarm assignments, from any other box than the First Alarm Box, thus:

CALLING FOR A SECOND ALARM FOR BOX 426 FROM BOX 425

Fire Chief:
 dots 4 2 5
 at ----- (signs)

2 2
 Fire Alarm Operator: -- --

2 2 4 2 6
 Fire Chief: -- -- -- --

2 2
 F. A. Operator: -- -- (and strikes second alarm for
 Box 426).

Repeat the above code for additional assignments, inserting the respective preliminary signals.

TAPPING OUT ASSIGNMENTS

In tapping out First, Second, Third, Fourth, Fifth, Sixth and Seventh Alarm Assignments, Fire Chiefs will use the following code:

For First Alarm Assignments, 10 - 1

For Second Alarm Assignments, 10 - 2

For Third Alarm Assignments, 10 - 3

For Fourth Alarm Assignments, 10 - 4

For Fifth Alarm Assignments, 10 - 5

For Sixth Alarm Assignments, 10 - 6

For Seventh Alarm Assignments, 10 - 7

The tapping out of any assignment carries with it all companies to all succeeding assignments for that particular fire, thus:

FOURTH ALARM FROM BOX 25**(Sending Home Third and Fourth Assignments)**

	dots		2	5	
Fire Chief.....		at	--	-----	(signs)
			2	2	
Fire Alarm Operator:			--	--	
	10			3	
Fire Chief:			-----	-----	
			2	2	
Fire Alarm Operator:			--	--	

This indicates that the Fourth, as well as the Third Assignments have been sent home, while the First and Second remain at the fire.

(Sending Home Second Alarm Assignments)

	dots		2	5	
Fire Chief.....		at	--	-----	(signs)
	2	2			
Operator:			--	--	
	10			2	
Fire Chief:			-----	-----	
	2	2			
Operator:			--	--	

This indicates that the Third and Fourth, as well as the Second assignments have been sent home, while the First remains at the fire.

(Sending Home First Alarm Assignments)

	dots		2	5	
Fire Chief.....		at	--	-----	(signs)
	2	2			
Fire Alarm Operator:			--	--	
	10			1	
Fire Chief:			-----	-----	
			2	2	
Fire Alarm Operator:			--	--	

This indicates that the Second, Third and Fourth (as well as the First) assignments have been sent home; that the fire is out.

TAPPING OUT FIRES

The following code will be used when tapping out fires from a box other than a box pulled for a fire, thus:

Tapping Out Box 25 from Box 32

	dots		3		2	
Fire Chief.....		at	---	---		(signs)
	2		2			
Fire Alarm Operator:	--		--			
Fire Chief: Taps in one round of box pulled, followed by Fire Out signal.						
	2		5		10	1
Fire Chief:	--		-----		-----	-
	2		2			
Fire Alarm Operator:	--		--			

TAPPING OUT SEVERAL FIRES FROM THE SAME BOX

When more than one fire is burning at the same time from the same box, it becomes necessary for the Fire Chief to number the particular fire which he is tapping out from that box, thus:

FIRST FIRE**(Tapping Out First Alarm Assignment)**

	dots		2		5	
Fire Chief.....		at	--	-----		(signs)
	2		2			
Fire Alarm Operator:	--		--			
	10		1			
Fire Chief:	-----		-			
	2		2			
Fire Alarm Operator:	--		--			

(Tapping Out Second Alarm Assignments)

	dots		2		5	
Fire Chief.....		at	--	-----		(signs)
	2		2			
Fire Alarm Operator:	--		--			
	10		2			
Fire Chief:	-----		-			
	2		2			
Fire Alarm Operator:	--		--			

SECOND FIRE, SAME BOX, SAME TIME

(Tapping Out First Alarm Assignment)

	dots	2	5	
Fire Chief.....				at --- ----- (signs)
	2	2		
Fire Alarm Operator:				--- ---
			No. of Fire	
Fire Chief:	10	1	2	-----
		2	2	
Fire Alarm Operator:				--- ---

(Tapping Out Second Alarm Assignment)

	dots	2	5	
Fire Chief.....				at --- ----- (signs)
	2	2		
Fire Alarm Operator:				--- ---
			No. of Fire	
Fire Chief:	10	2	2	-----
		2	2	
Fire Alarm Operator:				--- ---

(Continue indefinitely for any number of fires and assignments from the same box.)

JOKER SIGNALS

Preliminary Signal Calls for Companies Responding to Special Calls on the Joker System Are as Follows:

For	Special Call	
	1	2
Engine Companies:	---	---
	1	3
Truck Companies:	-	---
	1	4
Chemicals:	-	---
	1	5
Chiefs:	-	---
	1	6
Water Tower:	-	---
	1	7
Battery:	-	---

		1	8
Fire Boat:		—	-----
		1	9
High Pressure Hose Wagon:		—	-----
		1	10
Coal Wagon:		—	-----
		1	11
Fire Patrol:		—	-----
	2	2	
In Service:	---	---	
	3	3	
Out of Service:	---	---	
	4	4	
Cover In:	---	---	
	5	5	
Detail:	---	---	
	6	6	
Tapper Line:	---	---	
	7	7	
Gong Line:	---	---	
	8	8	
Pay Day:	---	---	

Dynamite Corps

First Division:			
	9	9	9
	-----	-----	-----
Second Division:			
	9	9	9
	-----	-----	-----
	9		

DYNAMITE CORPS

Lieutenants of all Engine and Truck Companies shall constitute the Dynamite Corps.

The city shall be divided into two districts, as follows:

Commencing at a point at the foot of Market street, thence along the center line of Market street to the intersection of Haight street, thence along the center line of Haight street to Stanyan street, thence along the center line of Stanyan street to H street and along H street to the ocean.

Lieutenants of Companies located north of said described line will comprise the **First Division**, and shall immediately

respond to the call of:

9 9 9

followed by the box number, and report at that box to the Chief in command.

Lieutenants of Companies located south of said described line will comprise the **Second Division**, and shall immediately

9 9
respond to the call of: -----
9 9

----- followed by the box number, and report at that box to the Chief in command.

Companies North of Line (or First Division)

Engine Companies 1, 2, 3, 5, 8, 12, 14, 15, 20, 21, 23, 26, 28, 31, 34, 36, 39. Truck Companies 2, 3, 4, 5, 6 and 10.

Companies South of Line (or Second Division)

Engine Companies 4, 6, 7, 9, 10, 11, 13, 16, 17, 18, 19, 22, 24, 25, 27, 29, 30, 32, 33, 35, 37 and 38. Truck Companies 1, 7, 8 and 9.

[Note.—All companies now or hereafter organized coming within the respective districts are hereby assigned to those districts.]

USE OF JOKER SIGNALS—EXAMPLES

The following form will be followed by the different companies and branches of the service in using the preliminary Joker Signals.

SPECIAL CALL FOR ENGINE COMPANIES

Special call for Engines Companies 23 and 34, for service at Box 25 (it being understood that the Fire Chief's Operator has given the "10-10", and is waiting at the box).

Chief at Box:

1	2	2	3	3	4	A
-----		-----		-----		-----
Eng. Call		Eng. 23		Eng. 34		Signature

2 2

Fire Alarm Operator responds: -- --

Fire Alarm Operator then signals to Department houses on Joker System thus:

1	2	2	5	2	3	3	4
-----		-----		-----		-----	
Eng. Call		Box 25		Eng. 23		Eng. 34	

Engine Companies 23 and 34 respond with "Out of Service" signal from service instrument on house board, thus:

Engine 23:

*Break	1	2		2	3		3	3
	Eng. Call			Eng. 23			Out of service	

*All signals sent from an Engine House shall be preceded by a break, which signifies that the key shall be held down for about five seconds before the required signal is sent.

Engine 34:

Break	1	2		3	4		3	3
	Eng. Call			Eng. 34			Out of service	

Box 25 Disabled. Chief Waiting at Box 21

Chief:

1	2		2	5		2	3		3	4	A
Eng. Call		Box 25				Eng. 23			Eng. 34		Signature

Fire Alarm Operator responds:

2 2
-- --

Fire Alarm Operator then signals on Joker System to Department houses, thus:

1	2		2	5		2	3		3	4
Eng. Call		Box 25				Eng. 23			Eng. 34	

Engine Co. 23:

Break	1	2		2	3		3	3

Engine Co. 34:

Break	1	2		3	4		3	3

SPECIAL CALL FOR TRUCK COMPANIES

Chief:	1	3		3		4		A
	Truck Call			Truck 3			Truck 4	

2 2

Fire Alarm Operator:

-- --

Fire Alarm Operator then signals on Joker System to Department houses thus:

1	3	2	5	3	4
-----		-----		-----	
Truck Call		Box 25		Truck Co. No. 3	Truck Co. No. 4
Truck Co. No. 3:					
Break	1	3	3	3	3
-----		-----		-----	
Truck Co. No. 4:					
Break	1	3	4	3	3
-----		-----		-----	

Special Call For Chemicals

	1	4	4	6	A
Chief:	-----		-----		-----
	Chem. Call		Chem. No. 4	Chem. No. 6	Signature
			2	2	
Fire Alarm Operator responds: --- --					

Fire Alarm Operator then signals on Joker System to Department houses thus:

1	4	2	5	4	6
-----		-----		-----	
Chem. Call		Box 25		Chem. No. 4	Chem. No. 6
Chemical Co. No. 4:					
Break	1	4		4	3 3
-----		-----		-----	
Chemical Co. No. 6:					
Break	1	4		6	3 3
-----		-----		-----	

Special Call for Chiefs

Battalion Chiefs are to be designated by the numbers of their Battalions, and the First and Second Assistant Chiefs are to be designated by numbers 14 and 15 respectively.

	1	5	5	6	A
Chief:	-----		-----		-----
	Chief Call		Chief No. 5	Chief No. 6	Signature
			2	2	
Fire Alarm Operator responds: --- --					

Fire Alarm Operator then signals on Joker System to Department houses thus:

1	5	2	5	5	6
-----		-----		-----	
Chief Call		Box 25		Chief No. 5	Chief No. 6
Chief No. 5 responds:					
Break	1	5		5	3 3

Chief No. 6 responds:					
Break	1	5		6	3 3

Special Call for Water Tower

Chief:	1	6	1	A
-----		-----		-----
Water Tower Call		W. Tower		Signature
	2	2		

Fire Alarm Operator: ---

Fire Alarm Operator then signals on Joker System to Department houses thus:

1	6	2	5	1	
-----		-----		-----	
Water Tower Call		Box 25		W. T. No. 1	
Water Tower No. 1:					
Break	1	6		1	3 3

Water Tower Call Tower No. 1 Out of service					

Special Call for Monitors

Chief:	1	7	2	A
-----		-----		-----
Monitor Call		Monitor		Signature
	2	2		

Fire Alarm Operator: ---

Fire Alarm Operator then signals on Joker System to Department houses thus:

1	7	2	5	2	
-----		-----		-----	
Monitor Call		Box 25		Monitor No. 2	
Monitor No. 2:					
Break	1	7		2	3 3

Monitor Call Monitor No. 2 Out of service					

Special Call for Fire Boats

Chief: 1 8 1 A

 Fire Boat Call Fire Boat Signature

Fire Alarm Operator then signals on Joker System to Department houses thus:

1 8 2 5 1

 Fire Boat Call Box 25 Fire Boat

Fire Boat No. 1:

Break 1 8 1 3 3

 Fire Boat Call F. B. No. 1 Out of service

[Note.—When more than one Fire Boat is needed, Chief will repeat the signal.]

Special Call for High Pressure Hose Wagon

Chief: 1 9 1 A

 Hose Wagon Call Hose Wagon Signature

Fire Alarm Operator: 2 2

Fire Alarm Operator then signals on Joker System to Department houses thus:

1 9 2 5 1

 Hose Wagon Call Box 25 Hose Wagon

Hose Wagon No. 1:

Break 1 9 1 3 3

 Hose Wagon Call Hose Wagon Out of service

Special Call for Coal Wagon

Chief: 1 10 1 A

 Coal Wagon Call Coal Wagon Signature

Fire Alarm Operator responds: 2 2

Fire Alarm Operator then signals on Joker System to Department houses thus:

1	10	2	5	1
-----		-----		-----
Coal Wagon Call		Box 25		Coal Wagon No. 1
Coal Wagon No. 1:				
Break	1	10	1	3 3
-----		-----		-----
	Coal Wagon Call		Coal Wagon Out of service	

Special Call for Fire Patrol

Chief:	1	11	3	A
-----		-----		-----
	Fire Patrol Call		Fire Patrol	Signature
Fire Alarm Operator responds: 2 2				
Fire Alarm Operator then signals on Joker System to Department houses thus:				

1	11	2	5	3
-----		-----		-----
	Fire Patrol Call			Patrol No. 3
Fire Patrol No. 3:				
Break	1	11	3	3 3
-----		-----		-----
	Patrol Call		Patrol No. 3	Out of service

Special Call to Cover In

Call for Engine Co. No. 15 to cover in to quarters of Engine Co. 3:

4	4	1 2	1 5	3
-----		-----		-----
Cover in Call		Eng. Call	Eng. Co. No. 15	Eng. House No. 3
Engine Co. 15:				
Break	1 2	1	5	3 3
-----		-----		-----
	Eng. Call		Eng. Co. No. 15	Out of quarters

Call for Truck Co. 7 to cover in to quarters of Truck Co. 3:

4	4	1 3	7	3
-----		-----		-----
Cover in Call		Truck Call	Trk. Co. No. 7	Trk. House No. 3

Truck Co. 7:

Break	1	3		7		3	3
-------	----------	----------	--	----------	--	----------	----------

Truck Call Truck Co. No.7 Out of quarters

Call for Chemical Co. 3 to cover in to quarters of Chemical No. 5.

4	4	1	4	3	5
----------	----------	----------	----------	----------	----------

Cover in Call	Chemical Call	Chemical Co. No. 3	Chemical House 5
---------------	---------------	--------------------	------------------

Chemical Co. 3:

Break	1	4		3	3	3
-------	----------	----------	--	----------	----------	----------

Chemical Call Chem. Co. No. 3 Out of service

Special Call for Detail

Call for detail of 15 men from Engine Companies and 6 men from Truck Companies:

Chief:	5	5	1	2	1	5
--------	----------	----------	----------	----------	----------	----------

Detail Call Eng. Call 15 Men

1	3	6	A
----------	----------	----------	----------

Trk. Call	6 Men	2	2	Signature
-----------	-------	---	---	-----------

Fire Alarm Operator responds: -- --

Fire Alarm Operator then signals on Joker System to Department houses thus:

5	5	2	5	1	2	followed
----------	----------	----------	----------	----------	----------	----------

Detail call Box 25 Eng. Call

by the numbers of the fifteen engine companies that are to supply the detail;

5	5	2	5	1	3	followed
----------	----------	----------	----------	----------	----------	----------

Detail Call Box 25 Trk. Call

by the numbers of the six truck companies that are to supply the detail.

Chief:	5	5	3	3	A
--------	----------	----------	----------	----------	----------

Detail Call Out of service Signature

Fire Alarm Operator:	2	2
----------------------	----------	----------

Fire Alarm Operator then signals on Joker System to Department houses thus:

5 5 2 5 3 3

 Detail Call Box 25 Out of service

This notifies the Companies that no more details are required.

Special Tapper Line Signal

For reporting tappers out of or in service:

6 6 4 3 3

 Tapper Call Line No. 4 Out of service

6 6 4 2 2

 Tapper Call Line No. 4 In service

(Note.—In the event of an open tapper or gong line, all Department stations will be notified of the fact on the Joker System; also when line is closed.)

Special Gong Line Signal

For reporting gongs out of or in service:

7 7 4 3 3

 Gong Call Line No. 4 Out of service

7 7 4 2 2

 Gong Call Line No. 4 In service

PAY DAY SIGNAL

8 8

 This notifies the members of the Department who are authorized to collect salaries to come to the Treasury at the usual time on the day on which the signal is given.

ERRORS IN SIGNALS

All errors in signals will be corrected by a re-call signal, consisting of ten strokes on Joker System, repeated thus:

10 10

 after which will follow the corrected signal.

Accident to apparatus, when responding to an alarm, will

be sent in to the Central Office as the "Out of Service" signal, thus:

Engine Co. No. 5 out of service will be:

Break	1	2	5	3	3	F
_____	-	- -	- - - - -	- - - - -	- - - - -	- - - - -
	Eng. Call	Eng. Co. 5	Out of service	Signature of	Battalion Chief	

sent in from any street box after giving the regular call of being at Box 25 and signing the initials of the Battalion Chief of the district:

2 2

Fire Alarm Operator responds: - - - -

SERVICE CALLS .

A company is supposed to be in service at all times when in condition to respond to an alarm when stationed at any quarters. A company is supposed to be out of service when it leaves its quarters in response to an alarm of fire or for any other purpose which will prevent it from responding to a call for fire duty.

Upon leaving the quarters for any purpose that will put the company beyond the reach of the Central Office, it will signal, using the Service Call Instrument, "Out of service" " - - - - - " When it has returned to quarters and is again ready for duty, it will signal the " - - - - - " call. Fire Alarm "In service"

2 2

Operators in each instance will recognize the call by - - - - If there be no response, the company will send the signal over the Joker key on the instrument board, and the

2 2

Operator will answer - - - - If there is then no response, the company will call the Central Office by telephone, reporting "In Service," or "Out of Service," as the case may be.

Except in case of accident or other cause, the "Out of Service" signal will be omitted for all regular first alarms or straight second, third or more alarms, by companies due at the fire or at other quarters; but on all other occasions, and on irregular moves, the "Out of Service" signal will be given.

In all cases when a company has returned to, or arrived at,

any quarters, the "In Service" signal must be given from the service instrument on house board.

SERVICE CALL

In Service. Engine Company sets pointer to "IN" on service instrument on board and pulls hook.

Fire Alarm Operator: 2 2
 -- --

Out of Service. Engine Company sets pointer to "OUT" on service instrument on board and pulls hook.

Fire Alarm Operator Responds: -- --

If service instrument on board is out of order or no response is given from Fire Alarm Office, Engine Company will use the service key on instrument board, tapping thus:

<u>Break</u>	1 2	2 5	2 2
	- - -	- - - - -	- - - -
	Eng. Call	Eng. Co. 25	In service

Fire Alarm Operator responds: 2 2
 -- --

OR

<u>Break</u>	1 2	2 5	3 3
	- - -	- - - - -	- - - - -
	Eng. Call	Eng. Co. 25	Out of service

Fire Alarm Operator Responds: 2 2
 -- --

If there is no response, Engine Company will then use the telephone.

In order to avoid confusion, the "Break" will precede all service signals sent from the service instruments on house boards, and all service signals when sent by hand from the house board or street box.

Poundkeeper's Report

To His Honor, the Mayor of the City and County of San Francisco.

As per requirements of Charter, we herewith submit to you our annual report for the year ending June 30, 1908:

Dogs on hand July 1, 1907.....		14
Impounded during year.....		4,195
Redeemed	642	
Sold	191	
Killed	3,319	
On hand June 30, 1908.....	57	
	4,209	4,209

LARGE STOCK.

On hand July 1, 1907.....		3
Impounded during year.....		414
Redeemed	338	
Sold	27	
Destroyed	50	
On hand June 30, 1908.....	2	
	417	417

SMALL STOCK.

Impounded during year.....		55
Redeemed	39	
Sold	12	
Destroyed	4	
	55	55

CASH STATEMENT.

Received for dogs redeemed	\$1,519.40
Received for dogs sold	573.00
Received for large stock redeemed	1,125.00
Received for large stock sold	562.50
Received for small stock redeemed	64.00
Received for small stock sold	43.75
	\$3,887.65

All of the above cash was paid into the City Treasury, as per receipts attached to monthly reports on file in the Board of Supervisors' and Auditor's offices.

The City received for the fiscal year from the Public Pound.....	\$3,887.65
The City received for dog licenses.....	8,186.50
Total receipts	\$12,074.15
Amount received and due the Poundkeeper.....	\$6,145.50
Profit to the City.....	5,938.65
Cost of operation to the Society.....	7,560.71

Respectfully submitted,

THE SAN FRANCISCO SOCIETY FOR THE PREVENTION OF CRUELTY TO ANIMALS, POUNDKEEPER.

By Matthew McCurrie, Secretary.

Department of Elections' Report

Fiscal Year Beginning July 1, 1907, and Ending June 30, 1908.

San Francisco, June 30, 1908.

To the Honorable Edward Robeson Taylor.

Sir:—In accordance with Article XVI, Section 9, of the Charter of the City and County of San Francisco, the Board of Election Commissioners herewith present their annual report for the fiscal year ending June 30, 1908.

Four elections were held during the past fiscal year—Primary Election, August 13, 1907; Municipal Election, November 5, 1907; Primary Election, May 5, 1908, and Special "Bond" Election, May 11, 1908.

The report includes the financial statement of this department, together with a table showing date of elections, number of precincts, registration and number of votes polled since the adoption of the "Act to regulate the registration of voters and secure the purity of election, approved March 18, 1878"; also a summary of votes cast at the Primary Election held August 13, 1907, at the Municipal Election held November 5, 1907, the Primary Election held May 5, 1908, and at the Special "Bond" Election held May 11, 1908.

Respectfully,

A. W. VOORSANGER President.
THOS. V. CATOR,
THOS. MCGUIRE,
C. H. KING, Jr.
C. L. APPERSON,
Board of Election Commissioners.

J. H. ZEMANSKY,
Registrar of Voters and Secretary
of the Board of Election Commissioners.

APPROPRIATION AND EXPENDITURES FOR FISCAL YEAR 1907-1908.

Salaries—

Commissioners, Registrar of Voters, Deputies, Clerks, Stenographer, Storekeeper, Mechanic.....	\$51,168.88
Election Officers, Primary, General and Special.....	30,346.00

General Expenses—

Stationery, Printing, Supplies, Material, Advertising, Livery, etc.	29,997.20
Election Booths, etc.....	18,927.06
Polling, Places.....	2,463.10

\$132,902.24

Total appropriation.....\$133,000.00

DEPARTMENT OF ELECTIONS

871

TABLE.

Showing date of Election, Number of Precincts, the Total of each General Registration and of votes cast at each Election since the adoption of the "Act to Regulate the Registration of Voters and Secure the Purity of Elections," approved March 18, 1878.

Date of Election.	No. of Precincts.	Registration.	Vote Polled.	
June 19, 1878.....	136		27,098	Delegates to Con'l Conv.
May 7, 1879.....	136		38,034	Adoption New Con.
Sept. 3, 1879.....	136	44,764	41,575	General.
Mar. 30, 1880.....	136		30,877	Freeholders.
Sept. 8, 1880.....	136		23,398	Charter.
Nov. 2, 1880.....	152	43,775	41,292	General—Presidential.
Sept. 7, 1881.....	152		33,216	Municipal.
Nov. 7, 1882.....	152	42,135	39,102	General.
Mar. 3, 1883.....	152		18,764	Charter.
Mar. 18, 1884.....			2,655	Assemblyman.
Nov. 4, 1884.....	164	50,542	47,535	General—Presidential.
Nov. 2, 1886.....	176	48,792	45,716	General.
April 12, 1887.....	176		25,959	Amend. and Charter.
Nov. 6, 1888.....	176	58,549	55,313	General—Presidential.
Nov. 4, 1890.....	310	59,770	55,565	General.
Nov. 8, 1892.....	275	67,849	60,790	General—Presidential.
Nov. 6, 1894.....	293	68,039	61,548	General.
Nov. 3, 1896.....	313	72,992	61,820	General—Presidential.
Dec. 27, 1897.....	94	72,782	26,202	Freeholders.
May 26, 1898.....	94	73,140	26,969	Charter.
Nov. 8, 1898.....	303	62,965	55,275	General.
Aug. 8, 1899.....	106	62,410	32,521	Primary.
Nov. 7, 1899.....	303	71,786	51,965	Municipal.
Dec. 27, 1899.....	73	70,681	29,972	Bond. "Parks."
Dec. 29, 1899.....	73	70,726	22,331	Bond, "Sewers, etc."
Nov. 6, 1900.....	303	73,633	65,161	General—Presidential.
Aug. 13, 1901.....	106	76,192	22,939	Primary.
Nov. 5 1901.....	303	77,890	53,746	Municipal.
Aug. 12, 1902.....	113	51,726	28,697	Primary.
Nov. 4, 1902.....	320	70,716	61,091	General—Gubernatorial.
Dec. 2, 1902.....	113	70,764	26,612	Bond, Geary St. R. R.
Dec. 4, 1902.....	113		14,371	Amendments to Charter.
Aug. 11, 1903.....	120	73,280	26,039	Primary.
Sept. 29, 1903.....	120	73,540	27,308	Sewer, etc., Bonds.
Oct. 8, 1903.....	120	73,702	25,276	Street R. R. Bonds.
Nov. 3, 1903.....	320	79,684	59,824	Municipal.
May 3, 1904.....	120	32,721	9,384	Primary.
Aug. 9, 1904.....	120	50,708	18,141	Primary.
Nov. 8, 1904*.....	284	81,576	67,770	General—Presidential.
Nov. 7, 1905**.....	198	98,000	72,000	Municipal.
Aug. 14, 1906.....	74	22,026	10,824	Primary.
Nov. 6, 1906***.....	129	51,633	38,564	General—Gubernatorial.
Aug. 13, 1907.....	74	60,469	22,851	Primary.
Nov. 5, 1907.....	273	77,601	58,086	Municipal.
May 5, 1908.....	125	36,564	24,178	Primary.
May 11, 1908.....	125		23,560	Bonds.

*Forty voting machines used.

**Records destroyed by fire.

***Voting machines used.

SUMMARY OF VOTES CAST FOR EACH CANDIDATE VOTED FOR AND
EACH CHARTER AMENDMENT AND ORDINANCE VOTED UPON AT
THE MUNICIPAL ELECTION HELD NOVEMBER 5TH, 1907.

MAYOR.

Daniel A. Ryan (R.).....	9,255	Ernest L. Reguin (S).....	1,506
Edward R. Taylor (D.-I.).....	28,766	P. H. McCarthy (U. L.).....	17,583

DISTRICT ATTORNEY.

William H. Langdon (R.-D.-I.)	34,923	Frank McGowan (U. L.).....	20,115
Ernest E. Kirk (S.).....	1,298		

SUPERVISORS.

George L. Center (R.-D.-I.)....	32,944	B. B. Bauer (S.).....	1,798
Lippman Sachs (R.-D.-I.).....	32,307	O. Gafert (S.).....	1,674
A. Comte Jr. (R.-D.-I.).....	33,901	A. G. Swanson (S.).....	1,743
James P. Booth (R.-D.-I.).....	32,696	John M. Reynolds (S.).....	1,794
David Hulse (R.).....	8,860	W. H. Eastman (S.).....	1,801
E. J. Molony (R.).....	5,984	David Milder (S.).....	1,712
A. H. Giannini (R.-D.-I.).....	32,872	Henry Sattler (S.).....	1,719
William M. Symon (R.).....	7,646	J. M. Sutherland (S.).....	1,750
Bernard Burns Sr. (R.).....	6,626	C. F. Landenburger (S.).....	1,750
Joseph L. King (R.).....	6,969	W. E. Walker (S.).....	1,727
M. C. Randolph (R.).....	6,223	L. Van Alstine (S.).....	1,688
Jerome Milly (R.).....	7,759	Gus. Postler (S.).....	1,708
Wm. H. Gercke (R.).....	6,457	Hugo Lotzin (S.).....	1,653
E. B. Rosenthal (R.).....	6,239	C. L. Giler (S.).....	1,614
E. N. Torello (R.).....	6,292	Charles White (S.).....	1,712
John W. King ((R.).....	6,582	Frederick L. Matthes (U.L.)....	17,102
George A. Turner (R.).....	6,651	John L. Polito (U. L.).....	17,867
John P. Fraser (R.).....	6,760	Daniel Giovanni (U. L.).....	17,461
Paul Bancroft (D.-I.).....	26,799	Timothy Minnehan (U. L.)....	18,623
Oscar Hocks (D.-I.).....	27,443	William Clack (U. L.).....	18,777
Thomas Jennings (D.-I.).....	27,262	John I. Sparrow (U. L.).....	18,633
James A. Johnston (D.-I.).....	26,356	Timothy B. Healy (U. L.).....	18,954
M. Hall McAllister (D.-I.).....	26,312	Isaac H. Spiro (U. L.).....	18,941
Ralph McLeran (D.-I.).....	25,566	Theodore Lunstedt (U. L.).....	19,963
Charles A. Murdock (D.-I.)....	26,712	Geo. B. Benham (U. L.).....	18,827
Daniel C. Murphy (D.-I.).....	25,191	T. A. Casserly (U. L.).....	20,260
Henry Payot (D.-I.).....	28,184	William A. Cole (U. L.).....	17,724
Allan Pollock (D.-I.).....	26,170	B. F. Gould (U. L.).....	17,281
Loring P. Rixford (D.-I.).....	25,482	P. D. Harthorn (U. L.).....	17,343
William G. Stafford (D.-I.)....	25,979	James F. Leonard (U. L.).....	17,834
William Broderick (D.).....	20,845	Charles A. Nelson (U. L.).....	18,379
Thomas Carey (S.).....	1,763	J. J. O'Neill (U. L.).....	18,195
Louis Giller (S.).....	1,730	Harry F. Sheehan (U. L.).....	18,103
E. H. Jones (S.).....	1,802		

AUDITOR.

John Gillson (R.).....	5,878	W. C. Leffingwell (S.).....	1,677
John A. Koster (D.-I.).....	23,252	Samuel W. Horton (U. L.).....	20,937

DEPARTMENT OF ELECTIONS

873

TREASURER.

Reginald H. Webster (R.).....	6,366	Oliver Everett (S.).....	1,577
E. L. Cutten (D.-I.).....	20,136	John E. McDougald	25,136

ASSESSOR.

Washington Dodge (R.-D.-I.)..	36,532	Charles A. Bantel (U. L.).....	16,479
George Styche (S.).....	1,582		

TAX COLLECTOR.

John J. Greif (R.).....	13,697	John C. Wesley (S.).....	1,621
David Bush (D.-I.).....	20,709	Joseph I. Twohig (U. L.).....	16,964

RECORDER.

Charles B. Perkins (R.).....	4,378	Leon Deville (S.).....	1,554
Edmond Godchaux (D.-I.).....	26,835	John H. Nelson (U. L.).....	20,512

CITY ATTORNEY.

Edgar D. Peixotto (R.).....	6,360	Thomas McGrady (S.).....	1,596
Percy V. Long (D.-I.).....	25,615	Wm. G. Burke (U. L.).....	19,629

PUBLIC ADMINISTRATOR.

O. F. Westphal (R.).....	4,680	George Williams (S.).....	1,559
M. J. Hynes (D.-I.).....	30,130	Joseph A. Stultz (U. L.).....	17,553

COUNTY CLERK.

A. G. Frank (R.).....	6,326	M. H. Morris (S.).....	1,541
William P. McCabe (D.-I.).....	21,650	Harry I. Mulcrevy (U. L.).....	24,325

SHERIFF.

John J. Deane (R.).....	7,234	Charles B. Kiler (S.).....	1,583
Lawrence J. Dolan (D.-I.).....	29,169	Thomas F. O'Neil (U. L.).....	17,320

CORONER.

Roland E. Hartley (R.).....	4,878	Marshall B. Ryer (S.).....	1,623
T. B. W. Leland (D.-I.).....	26,887	Wm. J. Walsh (U. L.).....	21,031

POLICE JUDGES.

Joseph L. Taaffe (R.).....	6,709	J. S. Ambrose (S.).....	1,656
Charles Creighton (R.).....	7,567	L. W. Lindgren (S.).....	1,650
Geo. H. Cabaniss (D.-I.).....	29,608	John J. Sullivan (U. L.).....	18,885
Charles L. Weller (D.-I.).....	24,472	Frank J. Burke (U. L.).....	18,042

AMENDMENT NO. 1.

To amend Sections 10 and 12 of the Article XII, and Section 29, of Article XVI, of the Municipal Charter, relating to bonds issued for the acquisition of Public Utilities and the character of such bonds, the registration thereof, and

DEPARTMENT OF ELECTIONS

the levy of taxes to provide for the interest thereon and a sinking fund therefor, and to bonds issued for the acquisition of land or lands and the construction and acquisition of any permanent building or buildings, improvements or improvements, and the character and registration of such bonds and the proceedings for the issuance thereof.

		For.	Against.			For.	Against.
28th District	183	59	37th District	3,336	567		
29th District	153	24	38th District	2,265	376		
30th District	252	72	39th District	3,255	546		
31st District	792	212	40th District	2,070	338		
32nd District	1,584	453	41st District	1,934	308		
33rd District	1,775	416	42nd District	236	38		
34th District	2,510	548	43rd District	197	30		
35th District	1,572	389	44th District	187	28		
36th District	642	144	45th District	314	89		
				Total	23,257	4,637	

AMENDMENT NO. 2.

To amend the Municipal Charter by adding to Chapter 1, of Article II thereof a new section to be numbered 23, relating to the recall of elected officers.

		For.	Against.			For.	Against.
28th District	219	50	37th District	3,200	783		
29th District	154	15	38th District	2,218	501		
30th District	283	68	39th District	3,087	751		
31st District	845	186	40th District	1,827	586		
32nd District	1,686	410	41st District	1,689	580		
33rd District	1,879	400	42nd District	218	53		
34th District	2,618	537	43rd District	187	41		
35th District	1,659	380	44th District	169	43		
36th District	702	114	45th District	305	81		
				Total	22,945	5,579	

AMENDMENT NO. 3.

To amend Section 12 of Chapter 1, of Article III, of the Municipal Charter, relating to the apportionment of the income and revenue of the several funds and a provision for income to pay interest on the bonded indebtedness and provide for the sinking funds.

		For.	Against.			For.	Against.
28th District	167	74	37th District	3,132	659		
29th District	113	50	38th District	2,096	430		
30th District	197	108	39th District	2,978	638		
31st District	678	285	40th District	1,978	336		
32nd District	1,310	624	41st District	1,827	339		
33rd District	1,409	719	42nd District	226	34		
34th District	2,292	654	43rd District	184	31		
35th District	1,447	461	44th District	168	53		
36th District	557	189	45th District	241	125		
				Total	21,000	5,809	

DEPARTMENT OF ELECTIONS

875

AMENDMENT NO. 4.

To amend Section 2 of Chapter III of Article IV of the Municipal Charter, relating to the custody by the Treasurer of public funds, and authorizing their deposit in certain banks upon certain terms and conditions.

	For.	Against.		For.	Against.
28th District	173	66	37th District	3,217	703
29th District	127	30	38th District	2,190	473
30th District	247	71	39th District	3,086	652
31st District	773	226	40th District	2,010	385
32nd District	1,581	427	41st District	1,867	372
33rd District	1,672	497	42nd District	230	36
34th District	2,444	611	43rd District	191	32
35th District	1,526	427	44th District	181	39
36th District	615	160	45th District	295	78
			Total	22,425	5,285

AMENDMENT NO. 5.

To amend Section 21 of Chapter I of Article VI of the Municipal Charter relating to contracts entered into by the Board of Public Works of the City and County of San Francisco, and bonds to be given in connection with the same, and the character, terms and conditions of such contracts, and permitting progressive payments to be provided for thereon, upon certain terms and conditions.

	For.	Against.		For.	Against.
28th District	191	62	37th District	2,876	998
29th District	129	33	38th District	1,969	649
30th District	233	80	39th District	2,797	952
31st District	779	210	40th District	1,666	732
32nd District	1,498	504	41st District	1,592	664
33rd District	1,658	465	42nd District	200	67
34th District	2,286	731	43rd District	162	61
35th District	1,453	516	44th District	164	51
36th District	599	165	45th District	275	99
			Total	20,527	7,039

AMENDMENT NO. 6.

To amend Section 2 of Article V of the Municipal Charter, relating to the bonds of officers of the City and County of San Francisco.

	For.	Against.		For.	Against.
28th District	188	52	37th District	3,136	585
29th District	133	22	38th District	2,123	382
30th District	236	68	39th District	3,036	536
31st District	760	182	40th District	1,959	326
32nd District	1,526	393	41st District	1,868	297
33rd District	1,640	412	42nd District	221	34
34th District	2,365	536	43rd District	179	32
35th District	1,519	381	44th District	166	52
36th District	618	133	45th District	297	72
			Total	21,970	4,495

DEPARTMENT OF ELECTIONS

AMENDMENT NO. 7.

To amend Section 8 of Chapter I of Article III of the Municipal Charter, relating to the appropriation by the Supervisors of the City and County of San Francisco for urgent necessities not otherwise provided for by law.

	For.	Against.		For.	Against.
28th District	184	52	37th District	3,003	727
29th District	137	23	38th District	2,040	471
30th District	235	68	39th District	2,866	669
31st District	745	198	40th District	1,841	434
32nd District	1,450	452	41st District	1,761	390
33rd District	1,608	438	42nd District	225	39
34th District	2,233	661	43rd District	167	38
35th District	1,434	434	44th District	163	42
36th District	588	142	45th District	281	80
			Total	20,961	5,358

AMENDMENT NO. 8.

To amend Chapter VIII, IV and III of Article IX of the Municipal Charter relative to the composition of the personnel of the companies of the Fire Department and the salaries and vacations of the members thereof.

	For.	Against.		For.	Against.
28th District	409	64	37th District	4,508	1,128
29th District	275	35	38th District	3,258	714
30th District	519	80	39th District	4,166	1,099
31st District	1,669	261	40th District	2,616	645
32nd District	3,219	649	41st District	2,307	688
33rd District	3,207	649	42nd District	287	84
34th District	3,759	1,081	43rd District	251	64
35th District	2,401	679	44th District	323	66
36th District	1,103	230	45th District	740	131
			Total	35,017	8,347

AMENDMENT NO. 9.

To amend the Municipal Charter by adding three new sections thereto, to be known as Sections 14, 15, and 16 of Article XII thereof, relating to the power of the City and County to acquire, operate, maintain, sell or lease public utilities; relating to the acquisition of lands for water purposes; and relating to the disposition of the rents received from public utilities and the keeping of accounts relative to such public utilities.

	For.	Against.		For.	Against.
28th District	179	55	37th District	2,947	791
29th District	126	27	38th District	2,022	501
30th District	235	76	39th District	2,856	720
31st District	715	219	40th District	1,795	537
32nd District	1,462	461	41st District	1,603	592
33rd District	1,663	438	42nd District	205	58
34th District	2,348	643	43rd District	180	45
35th District	1,460	429	44th District	160	49
36th District	629	133	45th District	276	84
			Total	20,861	5,858

AMENDMENT NO. 10.

To amend the Municipal Charter by adding to Chapter II, Article II thereof, a new section to be known and numbered as Section 9, relating to the sale of lands by the City and County of San Francisco.

	For.	Against.		For.	Against.
28th District	134	96	37th District	2,091	1,523
29th District	89	55	38th District	1,489	917
30th District	179	120	39th District	2,053	1,428
31st District	511	396	40th District	1,366	844
32nd District	1,039	789	41st District	1,204	888
33rd District	1,225	754	42nd District	152	104
34th District	1,643	1,213	43rd District	119	95
35th District	975	816	44th District	117	75
36th District	435	283	45th District	202	137
			Total	15,023	10,573

AMENDMENT NO. 11.

To amend the Municipal Charter by repealing Section 20, Chapter III, Article VI of said Charter, and by adding a new Chapter to said Article of said Charter, to be known and designated as Chapter VI thereof, all relating to the change or modification of street grades and the performance of street work in connection therewith.

	For.	Against.		For.	Against.
28th District	163	77	37th District	2,538	1,108
29th District	127	27	38th District	1,760	689
30th District	247	73	39th District	2,496	1,084
31st District	697	221	40th District	1,529	773
32nd District	1,346	527	41st District	1,421	764
33rd District	1,587	462	42nd District	179	84
34th District	2,008	883	43rd District	159	66
35th District	1,271	596	44th District	148	57
36th District	561	179	45th District	262	104
			Total	18,499	7,774

AMENDMENT NO. 12.

To amend the Municipal Charter by repealing Sections Nos. 1 and 19, inclusive, of Chapter III of Article VI of said Charter, and by adding new sections to said Chapter of said Article of said Charter, to be known and designated as Sections 1 to 19, inclusive thereof, all relating to the opening, extending, widening, straightening or closing up of streets and the performance of street work in connection therewith, and the condemnation and acquisition of land and property necessary therefor.

	For.	Against.		For.	Against.
28th District	159	99	37th District	2,612	1,120
29th District	125	28	38th District	1,774	749
30th District	231	77	39th District	2,528	1,122
31st District	702	234	40th District	1,531	805
32nd District	1,321	551	41st District	1,420	767
33rd District	1,548	502	42nd District	168	85
34th District	2,015	910	43rd District	160	76
35th District	1,257	620	44th District	145	62
36th District	563	183	45th District	242	119
			Total	18,501	8,109

DEPARTMENT OF ELECTIONS

AMENDMENT NO. 13.

To amend Section 5 of Article I of the Municipal Charter, relating to the liability for damages of the City and County of San Francisco and its officials.

	For. Against.			For. Against.	
28th District	167	68	37th District	2,848	866
29th District	122	35	38th District	1,924	572
30th District	215	89	39th District	2,782	793
31st District	700	254	40th District	1,799	476
32nd District	1,362	543	41st District	1,690	457
33rd District	1,457	614	42nd District	205	54
34th District	2,087	838	43rd District	162	57
35th District	1,333	556	44th District	163	46
36th District	555	170	45th District	246	117
			Total	19,817	6,605

AMENDMENT NO. 14.

To amend Subdivision 11 of Section 1 of Chapter III of Article VII of the Municipal Charter, relating to the leasing of real property of the School Department.

	For. Against.			For. Against.	
28th District	158	64	37th District	2,942	738
29th District	119	31	38th District	2,004	487
30th District	204	91	39th District	2,805	708
31st District	680	257	40th District	1,870	402
32nd District	1,385	498	41st District	1,785	356
33rd District	1,498	531	42nd District	219	38
34th District	2,241	704	43rd District	178	38
35th District	1,386	459	44th District	156	43
36th District	571	162	45th District	250	100
			Total	20,451	5,707

AMENDMENT NO. 15.

To amend Subdivision 3 of Section 1 of Chapter II of Article II of the Municipal Charter, relating to the powers of the Supervisors of said City and County to grant permits for spur or side tracks and running of cars thereon on any public street or portion thereof within the City and County of San Francisco.

	For. Against.			For. Against.	
28th District	140	174	37th District	3,029	1,237
29th District	107	93	38th District	2,097	810
30th District	180	272	39th District	2,940	1,125
31st District	623	710	40th District	2,021	579
32nd District	1,215	1,382	41st District	1,871	562
33rd District	1,301	1,404	42nd District	225	64
34th District	2,226	1,370	43rd District	185	67
35th District	1,363	905	44th District	174	75
36th District	542	430	45th District	262	245
			Total	20,501	11,504

AMENDMENT NO. 16.

To amend Section 2 of Chapter III of Article II of the Municipal Charter, relating to official advertising.

	For.	Against.		For.	Against.
28th District	119	151	37th District	1,706	2,273
29th District	93	87	38th District	1,143	1,549
30th District	150	194	39th District	1,587	2,217
31st District	442	595	40th District	1,104	1,371
32nd District	840	1,375	41st District	953	1,364
33rd District	886	1,393	42nd District	118	149
34th District	1,395	1,716	43rd District	109	125
35th District	756	1,328	44th District	108	110
36th District	346	458	45th District	157	274
			Total	12,012	16,729

AMENDMENT NO. 17.

To amend Subdivision 14 of Section 1 of Chapter II of Article II of the Municipal Charter, relating to the regulation of telephone charges.

	For.	Against.		For.	Against.
28th District	220	28	37th District	3,405	535
29th District	145	22	38th District	2,333	329
30th District	291	48	39th District	3,200	514
31st District	850	146	40th District	1,982	400
32nd District	1,701	311	41st District	1,796	410
33rd District	1,882	303	42nd District	235	30
34th District	2,672	382	43rd District	198	33
35th District	1,720	285	44th District	189	40
36th District	739	84	45th District	309	67
			Total	23,867	3,967

AMENDMENT NO. 18.

To amend the Municipal Charter by amending Section I of Article XIV thereof, and by adding thereto a new article, to be known and numbered as Article XIV-A, relating to children's playgrounds and public recreation centers outside of Golden Gate Park, and creating a Playground Commission.

	For.	Against.		For.	Against.
28th District	245	33	37th District	3,657	462
29th District	152	20	38th District	2,552	280
30th District	310	58	39th District	3,491	414
31st District	964	154	40th District	2,252	249
32nd District	1,865	359	41st District	1,983	252
33rd District	2,048	319	42nd District	242	33
34th District	2,850	430	43rd District	220	27
35th District	1,840	287	44th District	199	22
36th District	666	94	45th District	361	82
			Total	25,897	3,575

DEPARTMENT OF ELECTIONS

AMENDMENT NO. 19.

To amend Sections 1 and 2 of Article X of the Municipal Charter, relating to the Department of Public Health.

		For.	Against.			For.	Against.
28th District	.....	167	82	37th District	.....	2,891	884
29th District	.....	108	46	38th District	.....	1,979	558
30th District	.....	218	119	39th District	.....	2,805	783
31st District	.....	665	302	40th District	.....	1,899	436
32nd District	.....	1,281	749	41st District	.....	1,714	461
33rd District	.....	1,403	776	42nd District	.....	211	46
34th District	.....	2,181	847	43rd District	.....	185	49
35th District	.....	1,357	568	44th District	.....	156	56
36th District	.....	565	214	45th District	.....	234	155
				Total	.....	20,019	7,131

AMENDMENT NO. 20.

To amend Section 1 of Chapter V of Article VIII, and Section 1 of Chapter VI of Article VIII of the Municipal Charter, relative to the salaries of members of the Police Department.

		For.	Against.			For.	Against.
28th District	.....	314	143	37th District	.....	3,214	2,155
29th District	.....	194	90	38th District	.....	2,268	1,404
30th District	.....	344	220	39th District	.....	2,859	2,145
31st District	.....	1,014	730	40th District	.....	1,856	1,236
32nd District	.....	1,802	1,607	41st District	.....	1,681	1,147
33rd District	.....	1,837	1,742	42nd District	.....	209	140
34th District	.....	2,324	2,191	43rd District	.....	197	119
35th District	.....	1,481	1,414	44th District	.....	290	128
36th District	.....	680	525	45th District	.....	531	246
				Total	.....	23,095	17,382

AMENDMENT NO. 21.

To amend Sections 2 and 3 of Chapter IX of Article IX of the Municipal Charter, relative to the salaries of the Chief and of the employees of the Department of Electricity.

		For.	Against.			For.	Against.
28th District	.....	194	78	37th District	.....	2,601	1,496
29th District	.....	141	47	38th District	.....	1,884	937
30th District	.....	245	129	39th District	.....	2,513	1,411
31st District	.....	757	371	40th District	.....	1,675	841
32nd District	.....	1,333	919	41st District	.....	1,460	820
33rd District	.....	1,522	856	42nd District	.....	178	100
34th District	.....	1,975	1,323	43rd District	.....	149	95
35th District	.....	1,198	926	44th District	.....	154	90
36th District	.....	575	299	45th District	.....	308	156
				Total	.....	18,862	10,894

ORDINANCE.

An Ordinance relating to the license of retail liquor dealers, and reducing the license for sale in quantities less than one quart, from Five Hundred (\$500) Dollars to Four Hundred (\$400) Dollars per year.

	For.	Against.		For.	Against.
28th District	236	172	37th District	1,619	3,434
29th District	154	92	38th District	1,336	2,193
30th District	328	197	39th District	1,502	3,177
31st District	845	707	40th District	883	2,133
32nd District	1,517	1,510	41st District	866	1,874
33rd District	1,456	1,512	42nd District	109	235
34th District	1,502	2,620	43rd District	107	191
35th District	970	1,666	44th District	243	127
36th District	500	588	45th District	434	252
			Total	14,607	22,680

STATEMENT OF THE VOTES POLLED AT THE PRIMARY ELECTION HELD TUESDAY, THE THIRTEENTH DAY OF AUGUST, A. D. 1907, FOR DELEGATES TO THE REPUBLICAN LOCAL CONVENTION, DEMOCRATIC LOCAL CONVENTION, SOCIALIST LOCAL CONVENTION, AND UNION LABOR LOCAL CONVENTION.

Assembly District.	Republican.	Democrat.	Socialist.	Union Labor.	Total Vote.
Twenty-eighth.....	130	36	1	123	290
Twenty-ninth.....	66	29	1	137	233
Thirtieth.....	85	80	6	172	343
Thirty-first.....	403	154	17	397	989
Thirty-second.....	895	162	18	713	1,797
Thirty-third.....	533	308	25	800	1,676
Thirty-fourth.....	1,163	482	18	638	2,308
Thirty-fifth.....	653	289	18	395	1,364
Thirty-sixth.....	407	65	11	142	632
Thirty-seventh.....	1,865	447	24	560	2,924
Thirty-eighth.....	1,367	304	18	384	2,087
Thirty-ninth.....	2,279	365	14	635	3,315
Fortieth.....	1,484	386	9	149	2,037
Forty-first.....	1,175	317	9	225	1,726
Forty-second.....	97	31		39	170
Forty-third.....	92	23		35	152
Forty-fourth.....	157	53		87	297
Forty-fifth.....	179	67	4	255	511
Totals.....	13,030	3,598	193	5,886	22,851

STATEMENT OF THE VOTES POLLED AT THE PRIMARY ELECTION HELD TUESDAY, THE FIFTH DAY OF MAY, A. D. 1908, FOR DELEGATES TO THE REPUBLICAN STATE AND DISTRICT CONVENTIONS, DEMOCRATIC STATE AND DISTRICT CONVENTIONS INDEPENDENCE LEAGUE STATE AND DISTRICT CONVENTION, AND THE PROHIBITION STATE AND DISTRICT CONVENTION.

Assembly District.	Republican.	Democrat.	Independence League	Prohibition	Total Vote.
Twenty-eighth.....	253	91	1		345
Twenty-ninth.....	201	81	3		285
Thirtieth.....	316	155	3	1	475
Thirty-first.....	461	340	12		813
Thirty-second.....	997	649	28	2	1,676
Thirty-third.....	851	933	36	2	1,822
Thirty-fourth.....	1,755	638	43	4	2,440
Thirty-fifth.....	893	449	18	3	1,363
Thirty-sixth.....	640	168	11		819
Thirty-seventh.....	2,384	763	26	2	3,180
Thirty-eighth.....	1,550	565	22	2	2,139
Thirty-ninth.....	2,499	558	30	6	3,093
Fortieth.....	1,521	389	19	3	1,932
Forty-first.....	1,432	420	12	1	1,865
Forty-second.....	281	76	3		360
Forty-third.....	320	42	2		364
Forty-fourth.....	353	73	5		431
Forty-fifth.....	531	243	1	1	776
Totals.....	17,238	6,638	275	27	24,178

STATEMENT OF VOTES POLLED AT THE MUNICIPAL ELECTION HELD ON MONDAY, THE ELEVENTH DAY OF MAY, A. D. 1908, FOR PROPOSITIONS TO INCUR A BONDED DEBT OF THE CITY AND COUNTY OF SAN FRANCISCO, STATE OF CALIFORNIA.

PROPOSITION NO. 1.

To incur a bonded debt of the City and County of San Francisco to the amount of \$5,200,000.00 for the construction of an Auxiliary Water System for the protection of the property within said City and County from destruction by fire, and the acquisition of lands necessary therefor. Bonds issued for such purpose shall bear interest at the rate of five per centum per annum payable semi-annually.

	For.	Against.		For.	Against.
28th District	283	16	37th District	2,876	153
29th District	220	16	38th District	1,936	107
30th District	344	33	39th District	2,831	164
31st District	759	82	40th District	1,842	82
32nd District	1,586	206	41st District	1,598	95
33rd District	1,598	239	42nd District	310	15
34th District	2,169	178	43rd District	247	14
35th District	1,386	135	44th District	323	13
36th District	665	59	45th District	515	29
			Total	21,488	1,636

DEPARTMENT OF ELECTIONS

883

PROPOSITION NO. 2.

To incur a bonded debt of the City and County of San Francisco, to the amount of \$4,000,000.00 for the construction of a Sewer System. Bonds issued for such purpose shall bear interest at the rate of five per centum per annum payable semi-annually.

	For.	Against.		For.	Against.
28th District	278	17	37th District	2,841	167
29th District	223	13	38th District	1,923	106
30th District	341	34	39th District	2,827	159
31st District	772	70	40th District	1,834	92
32nd District	1,589	197	41st District	1,583	104
33rd District	1,632	203	42nd District	309	15
34th District	2,145	204	43rd District	242	16
35th District	1,382	132	44th District	320	12
36th District	661	61	45th District	499	43
			Total	21,401	1,645

PROPOSITION NO. 3.

To incur a bonded debt of the City and County of San Francisco, to the amount of \$5,000,000.00 for the construction of permanent municipal buildings to be used for School Purposes, and the acquisition of lands necessary therefor. Bonds issued for such purpose shall bear interest at the rate of five per centum per annum payable semi-annually.

	For.	Against.		For.	Against.
28th District	281	18	37th District	2,856	166
29th District	221	16	38th District	1,923	110
30th District	343	38	39th District	2,829	164
31st District	757	78	40th District	1,834	96
32nd District	1,584	206	41st District	1,585	114
33rd District	1,620	217	42nd District	311	14
34th District	2,137	206	43rd District	244	15
35th District	1,385	129	44th District	315	15
36th District	662	63	45th District	510	36
			Total	21,397	1,701

PROPOSITION NO. 4.

To incur a bonded debt of the City and County of San Francisco, to the amount of \$2,000,000.00 for the construction of permanent municipal buildings to be used for the purpose of Public Hospitals, and the acquisition of lands necessary therefor. Bonds issued for such purposes shall bear interest at the rate of five per centum per annum payable semi-annually.

	For.	Against.		For.	Against.
28th District	287	16	37th District	2,845	170
29th District	220	14	38th District	1,918	110
30th District	339	36	39th District	2,788	176
31st District	754	82	40th District	1,820	101
32nd District	1,573	207	41st District	1,558	120
33rd District	1,606	214	42nd District	302	16
34th District	2,153	215	43rd District	245	15
35th District	1,382	133	44th District	311	14
36th District	653	62	45th District	509	32
			Total	21,263	1,733

DEPARTMENT OF ELECTIONS

PROPOSITION NO. 5.

To incur a bonded debt of the City and County of San Francisco, to the amount of \$1,000,000.00 for the construction of permanent municipal buildings to be used as a Hall of Justice, County Jail and by other Departments of the Municipal Government, and the acquisition of lands necessary therefor. Bonds issued for such purposes shall bear interest at the rate of five per centum per annum payable semi-annually.

	For. Against.			For. Against.	
28th District	272	19	37th District	2,836	178
29th District	216	21	38th District	1,893	126
30th District	343	37	39th District	2,798	176
31st District	761	78	40th District	1,810	110
32nd District	1,551	235	41st District	1,556	125
33rd District	1,577	242	42nd District	302	18
34th District	2,143	229	43rd District	245	14
35th District	1,367	144	44th District	316	14
36th District	644	67	45th District	503	42
			Total	21,133	1,875

PROPOSITION NO. 6.

To incur a bonded debt of the City and County of San Francisco, to the amount of \$1,000,000.00 for the construction or acquisition of a system of collection and disposal of the garbage and waste within the City and County. Bonds issued for such purpose shall bear interest at the rate of five per centum per annum payable semi-annually.

	For. Against.			For. Against.	
28th District	281	25	37th District	2,764	267
29th District	217	19	38th District	1,868	164
30th District	331	47	39th District	2,702	267
31st District	756	83	40th District	1,787	145
32nd District	1,545	244	41st District	1,522	164
33rd District	1,552	273	42nd District	297	24
34th District	2,088	285	43rd District	237	21
35th District	1,338	175	44th District	293	36
36th District	638	76	45th District	437	108
			Total	20,653	2,423

Civil Service Commission

San Francisco, July 28, 1908.

To His Honor, The Mayor.

Sir: In accordance with the provisions of Section 9, Article XVI of the Charter, the Civil Service Commissioners present this report of the operations of their department for the fiscal year ended June 30, 1908.

During said fiscal year, the commission has held fifty regular meetings and forty-three special meetings. Two thousand five hundred and twenty-two laborers have been registered, and 853 applicants have been examined in a total of twenty-three examinations. This record is excelled only by that of the fiscal year, 1900-1901.

Following is a schedule of the examinations held:

Name of Examination	Date of Examination	Number Examined	Number Passed	Number Failed
Inspector of Buildings.....	Aug. 31, 1907	21	10	11
Industrial Inspectors, Board of Health.....	Sept. 14, 1907	29	10	19
Disinfectors, Board of Health.....	Sept. 21, 1907	10	3	7
Secretary, Police Commission.....	Oct. 12, 1907	7	7	0
Secretary, Fire Pension Fund Commission	Oct. 12, 1907	7	6	1
Pavers	Nov. 23, 1907	28	25	3
Rammers	Nov. 23, 1907	44	30	14
Promotion, Fire Department, Lieutenant to Captain.....	Dec. 16, 1907	78	76	2
Sewer Cleaners	Dec. 18, 1907	73	39	34
Promotion, Police Department, Corporal to Sergeant.....	Feb. 18, 1908	17	14	3
Promotion, Tax Collector's Office, Clerk to Deputy.....	Feb. 15, 1908	20	15	5
Linemen, Department of Electricity	Feb. 29, 1908	32	27	5
Instrument Makers, Depart- ment of Electricity.....	Feb. 29, 1908	9	5	4
Carpenters	Mar. 14, 1908	171	78	93
Painters	Mar. 21, 1908	70	56	14
Inspectors, Department of Electricity	Mar. 28, 1908	17	6	11
Matrons	Mar. 28, 1908	26	26	0
Ambulance Drivers	April 18, 1908	80	66	14
Plumbers	April 25, 1908	39	32	7
Promotion, Police Department, Lieutenant to Captain.....	May 2, 1908	13	13	0
Sanitary Inspectors, Board of Health	June 30, 1908	49	11	38
Supt. of Almshouse.....	June 30, 1908	13	4	9
Totals.....		853	559	294

Up to this writing, appointments have been made from the eligible registers resulting from the foregoing examinations as follows:

Inspectors of Buildings, 10; Industrial Inspectors, 6; Disinfectors, 2; Secretary of Police Commission, 1; Secretary of Fire Pension Fund Commission, 1; Pavers, 21; Rammers, 8; Captains, Fire Department, 30; Sewer Cleaners, 22; Sergeants of Police, 1; Deputy Tax Collectors, 2; Linemen, Department of Electricity, 16; Instrument Makers, Department of Electricity, 0; Carpenters, 61; Painters, 29; Inspectors, Department of Electricity, 5; Matrons, 9; Ambulance Drivers, 10; Plumbers, 9; Captains of Police, 0; Sanitary Inspectors, 0; Superintendent of Almshouse, 1. Total, 244.

There are 607 positions yet to be filled from eligible registers to be created by examination. Of these positions, 297 are under the Board of Health, 263 under the Board of Public Works, twenty-three in the Fire Department, nine in the Police Department, eight in the Department of Electricity, three in the Auditor's office, two in the Tax Collector's office, and two under the Election Commission.

Eighty-four of the 297 positions under the Board of Health are in the City and County Hospital and most of them carry salaries of \$5.00, \$10.00, 12.00, and \$20.00 per month; 170 are in the Almshouse and 114 of these are filled by the inmates at salaries of \$2.50, \$5.00, and \$10.00 per month; twelve are in the Isolation Hospitals; seventeen in the Emergency Hospitals, and fourteen in the office of the Board of Health.

Forty-seven of 263 positions under the Board of Public Works are in the Bureau of Engineering and will soon be filled from Civil Service registers, as a Board of Special Examiners has already been appointed to assist the Commission in the conduction of examinations for these positions. Examinations covering the remaining positions will be held as rapidly as possible.

The Commission gave considerable time during the year to the hearing and investigating of complaints and the holding of trials.

Following are the changes made in the rules of the Commission during the year:

Rule twenty-six, entitled "Trials and Dismissals" was amended by adding thereto the following section:

"Section 3. Appointees, or members, of the Police Department who have 'been dismissed from said department after a fair and impartial trial before 'the Board of Police Commissioners, or who have resigned from said department while under charges, shall not be eligible for examination for re-appointment in said department until one year from the date of dismissal and then 'only upon the favorable recommendation of the Board of Police Commissioners.'"

And the following rule on temporary appointments was adopted:

RULE 31.—TEMPORARY APPOINTMENTS.

"Whenever a new position is created, the head of the department in which 'the position exists shall immediately make requisition upon the Civil Service 'Commission for an eligible to fill the position, and shall at the same time 'furnish the Civil Service Commission with a detailed statement of the duties 'attached to said position.

"It shall then be the duty of the Civil Service Commission to certify an 'eligible in accordance with the provisions of Rule 20

"If the Civil Service Commission should decide that it has no eligible 'available, it shall then notify the appointing power that a temporary appointment may be made for a period not exceeding thirty (30) days, or until such 'time as a regular appointment can be made.'"

In order to keep up the work of the office, it frequently became necessary for the office staff to work overtime and the willingness displayed in the performance of this extra work was commendable. Though the office staff is small it nevertheless performs a great deal of work. Records pertaining to over 2,500 Civil Service positions have to be kept; 5,614 names are on the Laborers'

Register; 1,150 names are on registers of eligibles of the Classified Service; and several thousands of applications for examinations in the Classified Service are on file. The details in connection with these matters are innumerable and require much time.

The record books of the Commission, which were saved from the great fire of 1906 have been rebound. As the pages of the books are very brittle, they have to be handled very carefully. It is, therefore, advisable that the records contained in these books should be copied into new books as soon as possible.

The Commission is in need of a fire-proof safe and two large metal filing cabinets. The safe is needed for the protection of the important records of the Commission against fire and marauders. The metal filing cabinets are a protection against small fires which might occur in the office and are also essential to a proper system of filing applications and examination papers. We have made requisition upon the Board of Supervisors several times during the past year for a safe and two metal filing cases, but have so far failed to get them.

In the budget for the fiscal year, 1908-1909, the Board of Supervisors allowed us, in addition to the usual appropriation, \$500.00 for expenses of Special Examiners and \$300.00 for an extra clerk.

We desire to express our thanks to your Honor for assisting us in getting this additional appropriation and for the interest you have shown generally in matters pertaining to Civil Service.

Respectfully submitted,

CIVIL SERVICE COMMISSION,

George H. Bahrs,
Matthew Brady,
R. Cornelius,

President.

Attest.

Jas. J. Maher,
Chief Examiner and Secretary.

Coroner's Report

San Francisco, July 30, 1908.

Hon. Edward R. Taylor, Mayor
of the City and County of San Francisco.

Dear Sir:

In accordance with Section 9, Article XVI of the Charter of the City and county of San Francisco, I hereby submit my annual report of the expenditures and the operations of the Coroner's Office for the fiscal year ending June 30, 1908.

Yours respectfully,

THOS. B. W. LELAND,
Coroner.

DEATHS INVESTIGATED.

Number of cases.....	1,544
Misadventure and violence.....	339
Homicides	59
Suicides	165
Self-inflicted abortion	6
Undetermined	51
Drowning	29
Abortion	3
Blows	6
Carbolic acid	2
Incineration	6
Gunshot	1
Putrefaction	1
Steam railroad	1
Suffocation and exposure	1
Wood alcohol	1
Other causes, natural, etc.	924
Total	1,544
Number of autopsies	1,026
Number of inquests	601
Number of countersigns	368

TABLE OF SUICIDES.

NATIVITY.

Australia	1	Italy	6
Austria	2	Ireland	10
Canada	5	Mexico	1
China	1	Norway	1
Denmark	1	Scotland	1
England	4	Spain	1
France	2	Sweden	2
Germany	22	Switzerland	1
Greece	2	United States	67
Hungary	1	Unknown	34
Total			165

SEX.

Male	126	Female	39
Total			165

COLOR.

Black	3	Yellow	1
White	161		
Total			165

CAUSES.

Business reverses	7	Loss of husband.....	1
Domestic	11	Loss of wife	1
Financial troubles	11	Loss of son.....	1
Insanity	36	Religion	1
Intemperance	17	Sickness	26
Love	6	Unknown	25
Lack of employment.....	22		
Total			165

CONDITION.

Divorced	4	Widow	4
Single	69	Widower	8
Married	57	Unknown	23
Total			165

OCCUPATION.

Architect	1	Motorman	2
Accountant	1	Messman	1
Broker	1	Millman	1
Bookkeeper	1	Merchant	9
Banker	1	Messenger	1
Bartender	2	Matron	1
Blacksmith	1	Machinist helper	1
Barber	1	None	3
Brass finisher	1	Nurse	1
Cooper	2	Printer	1
Cigarmaker	1	Pressman	1
Clerk	6	Porter	1
Cook	2	Police officer	2
Carpenter	3	Retired merchant	1
Cement worker	1	Retired broker	1
Contractor	1	Real estate agent	1
Capitalist	1	Sheet iron worker	1
Coal passer	1	Shoemaker	1
Carriage manufacturer	1	Shipping clerk	1
Doctor	2	Servant	1
Domestic.....	1	Solicitor	1
Druggist	1	Soldier	1
Engineer	1	Stevedore	1
Freight inspector	1	Salesman	4
Fireman	1	Stock broker	1
Furniture handler	1	Seamstress	1
Freight handler	1	Switchman	1
Gardener	1	Saloon keeper	1
Housekeeper	1	Stableman	3
Harnessmaker	1	Steward	1
Horseshoer	2	Teamster	5
Housewife	13	Bricklayer	1
Hod carrier	2	Timekeeper	1
Hackman	1	Tailoress	1
Iron worker	2	Tinsmith	1
Jeweler	1	Unknown	30
Laborer	14	Watertender	1
Laundry worker	2	Waiter	1
Total			59

MEANS USED.

Arsenic	2	Incineration (coal oil)	1
Bichlor. mercury	3	Illuminating gas	24
Cyanide potassium	7	Laudanum	1
Carbolic acid	30	Morphine	5
Cutting instrument	8	Nail	1
Chloral	1	Prussic acid	1
Drowning	2	Phenol	1
Fire arms	60	Railroad train	2
Hanging	13	Strychnine	3
Total			165

MISADVENTURE AND NEGLIGENCE.

Asphyxiation, in bed	3
Asphyxiation, drowning	30
Asphyxiation, hanging (rope)	1
Automobile	14
Burns, Ignition of Clothing—	
By candle	1
By coal oil	1
By bon-fire	1
By gas stove	1
By burning of dwelling	9
Cars, cable	3
Cars, electric	78
Cars, steam	28
Carbon monoxide (illuminating gas) poisoning	16
Carbolic acid	4
Crane, crushed by	1
Elevator, crushed by	3
Elevator Weights, crushed by	3
Explosion, electric manhole	1
Explosion, furnace	1
Explosion, steam pipe	1
Falls in and from buildings	40
Falls from cliffs	4
Falls from gang-plank	2
Falls from horses	3
Falls from ladder	1
Falls from rigging of ship	1
Falls from swing	1
Falls from telegraph pole	1
Falls from trestle	1
Falls from wagon	16
Falls into basement	2
Falls into car pit	1
Falls into elevator shaft	9
Falls into holds of ships	8
Falls down stairs	5
Falls against wheelbarrow	1
Falls to pavement	7
Falling of case of merchandise	1
Falling of coal scoop	2
Falling of painters' scaffolding	1
Falling of platform	1

CORONER

Falling of rock	3
Falling of sacks of sugar	1
Falling of timber	2
Flywheel, crushed by	1
Gunshot	7
Horse, crushed by	1
Morphine, overdose	4
Motorcycle	1
Scalding, in bath tub	1
Suffocation, fumigation of ship	1
Toadstools	1
Wagon, run over by	5
Wench, struck by	1
Total	<u>339</u>

HOMICIDES.

Abortion, criminal	5
Blows	7
Car, thrown off	1
Cutting instruments	5
Electric car	3
Gunshot	36
Gagged with cloths	1
Umbrella thrust in eye	1
Total	<u>59</u>

EXPENSES.

Salaries	\$19,600.00
Recovery of bodies	522.50
Horseshoeing	120.00
Keeping of horses	573.93
Rent	688.00
Photographing bodies	100.00
Harness	33.75
Wagon repairing	279.45
Receivers for bodies	87.10
Incidental expense	<u>1,056.35</u>
Total.....	\$23,061.08

Law Library

San Francisco, Cal., July 1, 1908.

Hon. Edward R. Taylor,
Mayor of the City and County of San Francisco.

Dear Sir:—The second annual report of the San Francisco Law Library Association since the fire finds the Library in a prosperous condition and progressing rapidly along the lines of rehabilitation mapped out for it by the Board of Trustees after the loss of 1906.

The accessions for the year cover every field of legal literature, except that of general legal periodicals, which as yet have been but little gone into.

During the year there were 5,328 volumes added to the Library, making a total number of 12,908. Of this number, 93 were donated. The remainder were purchased.

The donors were: F. C. Drew, Oscar Sutro, Henry H. Reid, James M. Allen, W. F. Sullivan, Julius Kahn, P. O'Connor, D. L. Conkling, H. W. Chamberlain, J. A. Davis, H. I. Sheldon, C. F. Curry, Public Printer of New Zealand, Attorney General of New South Wales, American Bar Association, Board of Supervisors, Secretary of State of New York, Secretaries of Washington

The character of the books is as follows:

Reports	3,841
Text-books	458
Digests	114
Statutes	198
Periodicals	181
Collected cases	340
Citations	35
Encyclopedias and Abridgments	100
Trials	44
Miscellaneous	17
Total.....	5,328

More particularly classified the accessions are:

American Reports	2,568
American Text-books	428
American Digests	93
American Statutes	116
American Legal Periodicals	153
English Reports	1,243
English Text-books	28
English Digests	20
English Statutes	23
English Periodicals	11
Canadian Reports	21
Canadian Text-books	2
Canadian Statutes	58
Canadian Digests	1
Canadian Legal Periodicals	14
Australian Reports	9

LAW LIBRARY

Australian Statutes	1
Australian Legal Periodicals	3
Collected Cases	340
Citations	35
Encyclopedias	60
Trials	44
Foreign Publications	6
Abridgments	40
Directories	2
Governmental Publications	9

The expenses for the year were:

Books	\$19,550.49
Insurance	273.20
Binding	18.45
Miscellaneous expense.....	114.82
Salaries	3,120.00
Total	<u>\$23,176.96</u>

The items of expense are as follows:

American Reports	\$ 9,241.04
American Text-books	1,731.70
American Digests	618.20
American Statutes	665.90
American Legal Periodicals	1,552.24
English Reports	3,213.70
English Text-books	159.35
English Digests	99.75
English Statutes	85.00
English Legal Periodicals	133.42
Canadian Reports	97.85
Canadian Statutes	288.60
Canadian Legal Periodicals	81.70
Australian Reports	62.70
Australian Statutes	6.25
Australian Digests and Periodicals	16.70
Collected Cases	726.35
Citations	280.73
Encyclopedias	246.92
Abridgments	34.80
Foreign Statutes	32.50
Postage	18.10
Expressage and cartage	83.00
Insurance	273.20
Binding	118.45
Stationery and Printing	57.09
Papers	17.00
Miscellaneous expense	114.82
Salaries	3,120.00

The income for the year was:

Rebate on insurance policy.....	\$ 119.75
Interest	263.04
Dollar-tax	22,340.00
Total.....	<u>\$22,722.79</u>

During the year the membership of the Library lost by death:

Barna McKinnie, H. B. Sieberst, M. H. Myrick.

The Library has spent for books, since the fire, between \$32,000 and \$33,000. and 12,908 volumes have been acquired.

The American Reports are practically complete, with the exception of reports outside of the regular series of the States of Ohio, Pennsylvania, and Texas. Bids are now in for these reports. An official edition of the English Reports has been purchased that is practically complete. There are, however, a number of the collateral English Reports yet to be obtained.

The Committee has now under consideration a complete set of the Canadian Reports. It is expected that during the coming year the Library will be supplied with all the various sets of Reports cited by the text writers or referred to in digests or in legal opinions. The Library having nearly completed the American Reports, the advancement along other lines of legal literature will be more rapid. If the present rate of accessions is maintained, the Library will in two years from now be brought up to the standard of a first-class law library.

Very respectfully,

JAMES H. DEERING,
Secretary and Librarian.

Juvenile Detention Home

San Francisco, Cal., July 7, 1908.

To His Honor,
The Mayor of San Francisco:

Dear Sir:—

I have the pleasure to herewith present the Annual Report of the Juvenile Detention Home for the year ending June 30, 1908:

Salaries	\$ 1,200.00
Rent	1,200.00
Groceries	842.02
Bread.....	210.80
Meat	305.15
Fruits and vegetables	226.89
Milk	195.20
Distilled water	19.00
Clothing	169.02
Dishes and hardware	59.82
Coal	142.25
Laundry	285.00
Drugs	88.35
Glazing	8.60
Garbage	16.25
Beds and bedding	248.80
Miscellaneous (repairing locks, toilets, etc).....	45.12
 Total	 \$ 5,272.27

Number of children admitted, 1082.

Average number at each meal, 22.

Total cost per day for each child, \$0.6520.

Respectfully submitted,

HARRY A. KNOX,
Superintendent.

Report of Playground Commission

San Francisco, July 27, 1908.

Hon. Edw. R. Taylor, Mayor, City and County of San Francisco.

Sir: Complying with the provisions of Section 9, Article XVI of the Charter of the City and County of San Francisco, I have the honor, in behalf of the Playground Commission, to tender for your favorable consideration the following report:

The Playground Commission came into existence under the terms of Charter Amendment No. 18, Section 1, adopted by vote of the people of this City and County on the Fifth Day of November, 1907, and in due course was organized as the Charter provides, and prepared itself for transaction of public business.

Hon. Edward R. Taylor, Mayor, appointed as members of the newly organized Commission, Mrs. Lovell White, Mrs. L. A. Hayward, Henry J. McCoy, Thomas F. Boyle, J. C. Astredo, Sidney Peixotto, and John McLaren. The members of the Commission selected as their president for a term of one year, Henry J. McCoy.

The Commission has been without any funds whatsoever up to and including the 30th day of June, 1908, but despite this fact regular meetings were held, as provided by law, and the work of preparing for the establishment and maintenance of adequate playground areas in San Francisco was earnestly taken up.

The Playground Commission has been privileged to hold its meetings at the office of the Board of Education, Pine and Larkin Streets, thereby avoiding the payment of any rental for office purpose. The Board of Education further supplied the Playground Commission with the usual office facilities, and a full and complete record of the proceedings of the Playground Commission has been kept.

Prior to April 18th, 1906, there was provided for the purchase of playgrounds, \$740,000.00, against which demands were audited prior to April 18th, 1906, amounting to \$221,046.00, and subsequently amounting to \$425.00, the same having been for the purchase of sites, as per the order of the Board of Supervisors.

When the Commission took office on January 8th, 1908, the City Auditor reported that there was a balance in the fund for the purchase of playground sites, of \$518,504.00.

Prior to the existence of the Playground Commission, as per Charter Amendment No. 18, referred to, the Board of Supervisors proceeded to acquire for playground purposes, certain large and appropriate areas at Seventh and Harrison Streets, and at Powell and Lombard Streets, the same having been bought in by the Supervisors upon equitable appraisalment. The negotiations incident to these purchases have not been as yet entirely completed, but the Supervisors have made sufficient progress to justify the Playground Commission in proceeding with its work of fitting up and equipping the two important areas mentioned. These areas, as your Honor will observe, tap the thickly populated districts of the City in the two extremes, and provide for the amusement and welfare of the greatest number of children possible.

A careful study of the topography of both sites has been made by the Playground Commission, and after due consultation with the President of the Board of Public Works, the City Engineer, and the City Architect, detailed plans have been perfected for placing these sites in a condition for practical use.

On the 3d day of April, 1908, the Playground Commission forwarded to the Honorable, the Board of Supervisors, its estimate of costs for necessities for the fiscal year, 1908-09. In this estimate it was specified that to improve the Harrison Street Playground and place the same in suitable condition for use, would cost the sum of \$25,697.00, which money was to be spent for grading, seventeen cubic loads of loam, 500 feet of galvanized iron pipe of 3-inch type, 4000 feet of galvanized iron pipe, 2-inch type, hydrants, fittings, stand pipes, coping surrounding the grounds, footpaths, labor to prepare grounds, trees, plants, seed, lavatories and showers, and house to shelter caretaker and to be used by the children at their pleasure. For apparatus and supervision an estimate of \$6,000.00 was made.

For the North Beach playground the same work was estimated to cost \$14,880.00, with the apparatus and supervision, \$5,600.00.

For office salary of Secretary, stationery, stamps, etc., \$900.00 was estimated, making a grand total of \$53,077.00.

The Honorable Board of Supervisors, in its wisdom, curtailed this sum and set aside \$20,000.00, which is the appropriation that the Playground Commission will work upon during the fiscal year, 1908-09.

While the City Architect has prepared plans for the bulkheading of the North Beach playground, and for the construction of a huge swimming tank, which shall at once serve the children and be of aid to the Fire Department, sealed proposals for this work have not as yet been opened, and not a dollar of the appropriation set aside for the Playground Commission has as yet been spent.

The Playground Commission intends to get the best results possible from the appropriation made for the present fiscal year, and will equip and operate to the extent of its ability the North Beach and the Harrison Street playgrounds. In addition thereto, the Playground Commission is making certain important recommendations to the Board of Supervisors, as to the wisdom of immediately acquiring additional Playground Commission areas in other sections of the City, notably, the Mission district, and some locality lying between the North Beach playground and the Richmond district. This work will be assiduously carried forward, with the end in view of affording the children of San Francisco as much opportunity for out-door exercise and healthful recreation as possible.

Through an arrangement made between the Playground Commission and certain Improvement Clubs and public spirited citizens of the Mission district, the temporary use of many vacant lots in the Mission is being secured for the purpose of giving the small boys in that section of the City opportunity to play baseball and other games, and to indulge in reasonable and profitable exercise. The Police have found it necessary to make many arrests in the recent past, and the Playground Commission is doing all in its power to take the small boy off the street and give him an opportunity to enjoy an out-door airing without the danger of arrest.

In the meantime, the cause of the young girls is being looked after with equal care, and provision will be made for their entertainment upon an approved basis wherever playgrounds are opened up for use.

The Playground Commission hopes within a very short time to open up for use of the children of this City the North Beach and the Harrison Street playgrounds, and having accomplished this important step will proceed without delay in the endeavor to secure and equip other appropriate areas.

In the meantime, the Playground Commission is working in thorough harmony with the Park Commission, and is receiving substantial and profitable assistance in the general work of benefiting children, both from the Police Department and the School Department.

Respectfully submitted,

PLAYGROUND COMMISSION OF THE CITY
AND COUNTY OF SAN FRANCISCO,

By E. C. Leffingwell, Secretary.

Deceased Soldiers and Sailors

ANNUAL REPORT OF THE SUPERINTENDENT OF INTERMENT OF EX-
UNION SOLDIERS AND SAILORS FOR THE FISCAL YEAR 1907-1908.

San Francisco, Cal., June 30, 1908.

Hon. Edward R. Taylor,

Mayor, City and County of San Francisco.

Sir:—I have the honor to report the following applications, allowances and rejections for the year ending June 30, 1908, made in accordance with the provisions of the Act of the Legislature of the State of California, entitled "An Act to provide for the burial of honorably discharged ex-Union soldiers, sailors and marines who may hereafter die in this State without leaving sufficient means to defray the funeral expenses," approved March 15, 1889, amended March 13, 1901, to include ex-United States soldiers and sailors, namely:

Total number of applications for burial.....	69
Total number of applications allowed.....	56
Total number of applications rejected.....	13
	<hr/> 69

REASONS FOR REJECTION.

Insufficient record of military or naval service.....	1
Left sufficient means to defray funeral expenses	4
Died outside City and County of San Francisco.....	8
	<hr/> 13

Very respectfully,

EDWARD A. BULLIS,

Superintendent of Interment of ex-United States Soldiers and Sailors and
Marines for the City and County of San Francisco, State of California.

APPENDIX



Board of Supervisors

— OF THE —

CITY AND COUNTY OF SAN FRANCISCO

1907-1908.

Reorganization of the Board of Supervisors

The following are the proceedings of the Board of Supervisors in the matter of the reorganization of said Board in the year 1907:

On June 17th, 1907, the Board of Supervisors adopted the following resolution:

APPOINTING SUPERVISOR JAMES L. GALLAGHER ACTING MAYOR.

Whereas, The Honorable Eugene E. Schmitz, Mayor of the City and County of San Francisco, is temporarily unable to perform his duties as Mayor by reason of his detention in the custody of the Sheriff of the City and County of San Francisco; therefore be it

Resolved, That under and by virtue of Section 6, Chapter I, Article IV of the Charter of the City and County of San Francisco, Jas. L. Gallagher, a member of the Board of Supervisors of said City and County, is hereby chosen President pro tempore of said Board of Supervisors, and to act as Mayor of said City and County of San Francisco during the time when and so long as the said Eugene E. Schmitz is temporarily unable to perform his duties as Mayor.

On June 18 the following letter was received and placed on file:

June 18, 1907.

To the Honorable, the Board of Supervisors, San Francisco, California.

Gentlemen:—Seeing in this morning's papers a statement to the effect that your honorable body at your meeting yesterday decided that I was temporarily unable to perform my duties as Mayor by reason of my detention in the custody of the Sheriff of the City and County of San Francisco, and therefore appointing Mr. James L. Gallagher as Acting Mayor, I hereby notify you that I am not unable nor unwilling to perform the duties required of me as the Mayor of the City and County of San Francisco, but will continue to do so.

This action by your honorable body clearly demonstrated the truth of the statement I made just after my return from Europe, that politics, and politics alone, was behind the prosecution, and that your action is the first step toward securing control of the municipal government in order that valuable franchises may be given to the wielder of the big stick, Mr. Rudolph Spreckles, and other valuable privileges accorded to those who have co-operated with him in his endeavor to purify (?) the city.

I also wish to notify you that any action taken by Mr. Gallagher in the capacity of Acting Mayor will be null and void and will by the complications it will cause do great injury to the city.

BOARD OF SUPERVISORS

I demand that you send to my office all matters passed by your honorable body in order that I may have opportunity of inspecting them and of approving or disapproving them. I further notify you that so far as it is possible I intend to supervise and inquire into the work being done by the different departments, and, in fact, all such other matters as may be necessary for me as Mayor so to do.

Yours respectfully,

E. E. SCHMITZ,

Mayor of the City and County of San Francisco.

REMOVAL OF E. E. SCHMITZ AS MAYOR.

On July 9, 1907, the following communication was filed with the Board of Supervisors:

To the Honorable the Board of Supervisors,
Of the City and County of San Francisco.

Pursuant to the provisions of Section 997 of the Political Code of the State of California you are hereby notified that on the 13th day of June, 1907, Eugene E. Schmitz, then Mayor of the City and County of San Francisco, was duly convicted of a felony, to-wit: extortion, by a jury in the Superior Court of the State of California in and for the City and County of San Francisco, and that thereafter, on the 8th day of July, 1907, judgment upon said conviction was duly rendered by the said Superior Court sentencing the said Eugene E. Schmitz to be imprisoned in the State Prison at San Quentin for the period of five years, a certified copy of which judgment is hereunto attached.

F. H. DUNNE,

Judge Superior Court of the State of California

In and for the City and County of San Francisco.

Dated July 9th, 1907.

JUDGMENT.

In the Superior Court of the State of California in and for the City and County of San Francisco—Department No. 6.

Monday, July 8th, 1907.

Present, Hon. Frank H. Dunne, Judge.

The People of the State of California vs. Eugene E. Schmitz, convicted of felony, to-wit: extortion.—No. 305.

The District Attorney, with the defendant and his counsel, Messrs. Campbell, Metson & Drew, J. J. Barrett and C. H. Fairall, came into court. The defendant was duly informed by the Court of the indictment duly presented and filed against him on the 15th day of November, 1906, by the Grand Jury of the City and County of San Francisco charging said defendant with the crime of felony, to-wit: extortion; of his arraignment on December 6th, 1906, and plea of 'not guilty' as charged in said indictment on March 7th, 1907; of his trial; of the verdict of the jury, on the 13th day of June, 1907: "We, the jury, find the defendant, Eugene E. Schmitz, guilty as charged in the indictment."

The defendant was then asked if he had any legal cause to show why judgment should not be pronounced against him, to which defendant's counsel moved the Court for a new trial, which motion was by the Court denied, to which ruling defendant's counsel duly excepted. Defendant's counsel thereupon moved the Court in arrest of judgment, which motion was by the Court denied; to which ruling defendant's counsel duly excepted. And no sufficient cause being shown or appearing to the Court thereupon the Court renders its judgment. That, whereas, the said Eugene E. Schmitz has been duly con-

victed in this Court of the crime of felony, to-wit: extortion, it is therefore ordered, adjudged and decreed that the said Eugene E. Schmitz be punished by imprisonment in the State Prison of the State of California, at San Quentin, California, for the term of five (5) years. The defendant was then remanded to the custody of the Sheriff of said City and County, to be by him delivered into the custody of the proper officers of said State Prison.

Office of the County Clerk of the City and County of San Francisco.

I, H. I. Mulcrevy, County Clerk of the City and County of San Francisco, and ex-officio Clerk of said Superior Court thereof, do hereby certify the foregoing to be a true and correct copy of the judgment and sentence entered on the minutes of the said Court in and for the City and County of San Francisco, State of California, in the above entitled cause, as appears of record in my office.

Attest my hand and the seal of the said Superior Court, this 8th day of July, A. D. 1907.

(Seal)

H. I. MULCREVY, Clerk.

By LAWRENCE BUCKLEY, Deputy Clerk.

I, H. I. Mulcrevy, County Clerk of the City and County of San Francisco, State of California, and ex-officio Clerk of the Superior Court thereof, hereby certify that the foregoing is a full, true and correct copy of the original judgment and sentence in the above entitled cause filed in my office on the 8th day of July, 1907.

In witness whereof, I have hereunto set my hand and affixed the seal of the Superior Court this 9th day of July, 1907.

(Seal)

H. I. MULCREVY, Clerk.

By LAWRENCE BUCKLEY, Deputy Clerk.

OFFICE OF MAYOR DECLARED VACANT.

RESOLUTION NO. 1144. (NEW SERIES.)

Whereas, At the municipal election held in the City and County of San Francisco in November, 1905, Eugene E. Schmitz was elected Mayor of the City and County of San Francisco and thereafter qualified as such; and

Whereas, On the 8th day of January, 1906, said Eugene E. Schmitz, pursuant to said election, assumed the duties of the said office and became said Mayor; and

Whereas, Thereafter in the Superior Court of the State of California in and for the City and County of San Francisco, on the 13th day of June, 1907, the said Eugene E. Schmitz was convicted of a felony, to-wit: the crime of extortion, and was then and there convicted of an offense involving a violation of his official duties, to-wit: the crime of extortion; and

Whereas, On the 8th day of July, 1907, the judgment of the said Superior Court was duly given, made, rendered and entered against the said Eugene E. Schmitz upon the said conviction, and the said Schmitz was by said Court sentenced to imprisonment in the State Prison at San Quentin, in the State of California, for the term of five years; and

Whereas, The said Eugene E. Schmitz is actually now in jail and in custody; and

Whereas, The office of Mayor of the City and County of San Francisco is vacant and a vacancy exists therein; now, therefore, be it

Resolved, That a vacancy exists in the office of Mayor of the City and County of San Francisco.

BOARD OF SUPERVISORS

Resolved further, That the Board of Supervisors of the City and County of San Francisco do proceed forthwith with the election of a Mayor of the City and County of San Francisco to fill the unexpired term of the said Eugene E. Schmitz and to fill the vacancy now existing in the office of Mayor for the unexpired term of the said Eugene E. Schmitz.

And the Clerk is hereby directed to advertise this resolution in The Evening Post Newspaper.

In Board of Supervisors, San Francisco, July 9, 1907.

Adopted by the following vote:

Ayes—Supervisors Coffey, Coleman, Davis, Furey, Gallagher, Kelly, McGushin, Nicholas, Phillips, Walsh.

Noes—Supervisors O'Neill Tveitmoe.

Absent—Supervisors Boxtton, Harrigan, Lonergan, Mamlock, Rea, Sanderson.

JOHN H. RYAN, Clerk.

Approved, San Francisco, July 9, 1907.

JAMES L. GALLAGHER,

Acting Mayor and President of the Board of Supervisors, pro tempore.

RESIGNATION OF CHARLES BOXTON AS SUPERVISOR.

Office of the Board of Supervisors, New Hall of Justice, 70 Eddy street.
San Francisco, Cal., July 9th, 1907.

To His Honor James L. Gallagher, Acting and de facto Mayor of the City and County of San Francisco, and to the Honorable the Board of Supervisors of said City and County of San Francisco.

Gentlemen:—I hereby resign from the office of Supervisor of the City and County of San Francisco and as a member of the Board of Supervisors of said City and County; this resignation to take effect immediately.

CHAS. BOXTON.

ELECTION OF CHAS. BOXTON AS MAYOR.

Thereupon the Board proceeded with the election of a Mayor to fill the unexpired term of E. E. Schmitz.

Supervisor Coleman nominated Chas. Boxtton.

The nominations being closed, Supervisor Coleman moved that Chas. Boxtton be elected to office of Mayor of the City and County of San Francisco.

Motion carried by the following vote:

Ayes—Supervisors Coffey, Coleman, Davis, Furey, Gallagher, Kelly, McGushin, Nicholas, Phillips, Walsh—10.

Noes—Supervisors O'Neill, Tveitmoe—2.

Absent—Supervisors Harrigan, Lonergan, Mamlock, Rea, Sanderson—5.

Thereupon the following resolution was adopted:

RESOLUTION NO. 1145. (NEW SERIES.)

Whereas, The office of Mayor of the City and County of San Francisco for the remainder of the term for which Eugene E. Schmitz was elected at the municipal election held in November, 1905, became vacant; and

Whereas, The Board of Supervisors of the City and County of San Francisco determined on the 9th day of July, 1907, that a vacancy existed in said office and resolved to proceed to the election of a Mayor of the City and County of San Francisco, for such unexpired term; and

Whereas, The said Board of Supervisors did proceed to said election and Charles Boxton was duly and regularly elected Mayor of the City and County of San Francisco for the said unexpired term of said Eugene E. Schmitz; now, therefore, be it

Resolved, That the Board of Supervisors of the City and County of San Francisco has recognized and does hereby recognize as the Mayor of the City and County of San Francisco the said Charles Boxton, and the Clerk of the said Board is directed to issue to the said Charles Boxton such certificate of his election or authority as such Mayor as may at any time be required.

Adopted on motion of Supervisor Phillips, as Resolution No. 1145 (New Series) by the following vote:

Ayes—Supervisors Coffey, Coleman, Davis, Furey, Gallagher, Kelly, McGushin, Nicholas, Phillips Walsh—10.

Noes—Supervisors O'Neill, Tveitmoe—2.

Absent—Supervisors Harrigan, Lonergan, Mamlock, Rea, Sanderson—5.

RESIGNATION OF CHAS. BOXTON AS MAYOR.

On July 16th, 1907, the following communication was filed with the Board of Supervisors:

To the Board of Supervisors of the City and County of San Francisco:

I hereby resign the office of Mayor of the City and County of San Francisco, State of California, this resignation to take effect immediately.

Dated at San Francisco, California, this 16th day of July, 1907.

CHAS. BOXTON.

Thereupon the following proceedings were had:

EDWARD R. TAYLOR ELECTED MAYOR.

Supervisor Coleman moved that the Board proceed with the election of Mayor to fill the vacancy caused by the resignation of Charles Boxton.

So ordered.

Supervisor Mamlock nominated Edward R. Taylor.

The nominations being closed, Supervisor Mamlock moved that Edward R. Taylor be elected to office of Mayor of the City and County of San Francisco.

Motion carried by the following vote:

Ayes—Supervisors Coffey, Coleman, Davis, Gallagher, Harrigan, Lonergan, Mamlock, McGushin, Nicholas, Phillips, Rea, Walsh—12.

Noes—Supervisors O'Neill, Tveitmoe—2.

Absent—Supervisors Furey, Kelly, Sanderson—3.

The Chair declared Edward R. Taylor duly elected to the office of Mayor of the City and County of San Francisco.

RESOLUTION NO. 1155. (NEW SERIES.)

Whereas, On the 16th day of July, 1907, Charles Boxton did resign the office of Mayor of the City and County of San Francisco; and

Whereas, Upon said day the Board of Supervisors of the said City and County did elect Edward R. Taylor Mayor of said City and County to fill the vacancy in said office of Mayor; now, therefore, be it

Resolved, That the Clerk of the said Board is directed to issue to the said Edward R. Taylor such certificate of his election or authority as such Mayor as may at any time be required.

And the Clerk is hereby directed to advertise this resolution in The Evening Post Newspaper.

In Board of Supervisors, San Francisco, July 16th, 1907.

Adopted by the following vote:

Ayes—Supervisors Coffey, Coleman, Davis, Gallagher, Harrigan, Lonergan, Mamlock, McGushin, Nicholas, Phillips, Rea, Walsh.

Noes—Supervisors O'Neill, Tveitmoe.

Absent—Supervisors Furey, Kelly, Sanderson.

JOHN H. RYAN, Clerk.

NEW BOARD OF SUPERVISORS APPOINTED.

On July 29th, 1908, the following proceedings were had relative to the appointment of a new Board of Supervisors:

APPOINTMENT OF JAMES P. BOOTH AS SUPERVISOR.

San Francisco, July 29th, 1907.

To the Honorable Board of Supervisors,

Of the City and County of San Francisco.

Gentlemen:—I hereby notify you that I have this day appointed James P. Booth a Supervisor and a member of the Board of Supervisors, in and for the City and County of San Francisco, to fill for the unexpired term the vacancy in the office of Supervisor of said City and County created by the resignation of Charles Boxton, he to hold said office of Supervisor for the remainder of the unexpired term of said Charles Boxton, resigned.

(Seal)

EDWARD R. TAYLOR,

Mayor of the City and County of San Francisco, State of California.

Office of the Mayor of the City and County of San Francisco,
State of California.

I, Edward Robeson Taylor, as Mayor of the City and County of San Francisco, State of California, by virtue of the authority in me vested under the Charter of said City and County, do by these presents appoint James P. Booth a Supervisor and a member of the Board of Supervisors, in and for the City and County of San Francisco, to fill for the unexpired term the vacancy in the office of Supervisor of said City and County created by the resignation of Charles Boxton, he to hold said office of Supervisor for the remainder of the unexpired term of said Charles Boxton, resigned.

In witness whereof, I have hereunto set my hand and caused the seal of the City and County of San Francisco to be affixed this 29th day of July, 1907.

(Seal)

EDWARD ROBESON TAYLOR,

Mayor of the City and County of San Francisco, State of California.

Attest: HARRY G. McKANNEY, Secretary.

Whereupon, Mr. James P. Booth qualified by taking the oath of office.

Supervisor Gallagher moved that the gentleman be duly seated and inducted into the office of Supervisor.

RESIGNATION OF M. W. COFFEY.

Office of the Board of Supervisors, New Hall of Justice, 70 Eddy Street,

San Francisco, July 29th, 1907.

To His Honor, Edward R. Taylor, Mayor of the City and County of San Francisco, and to the Honorable, the Board of Supervisors of said City and County of San Francisco.

Gentlemen:—I hereby resign from the office of Supervisor of the City and County of San Francisco and as a member of the Board of Supervisors of said City and County; this resignation to take effect upon the presentation of this resignation to the Clerk of the said Board of Supervisors.

M. W. COFFEY.

APPOINTMENT OF HENRY U. BRANDENSTEIN AS SUPERVISOR.

San Francisco, July 29, 1907.

To the Honorable Board of Supervisors,
Of the City and County of San Francisco.

Gentlemen:—I hereby notify you that I have this day appointed Henry U. Brandenstein as Supervisor and a member of the Board of Supervisors, in and for the City and County of San Francisco, to fill for the unexpired term the vacancy in the office of Supervisor of said City and County created by the resignation of M. W. Coffey, he to hold said office of Supervisor for the remainder of the unexpired term of said M. W. Coffey, resigned.

(Seal)

EDWARD R. TAYLOR.

Mayor of the City and County of San Francisco, State of California.

Office of the Mayor of the City and County of San Francisco,
State of California.

I, Edward Robeson Taylor, as Mayor of the City and County of San Francisco, State of California, by virtue of the authority in me vested under the Charter of said City and County, do by these presents appoint Henry U. Brandenstein a Supervisor and a member of the Board of Supervisors, in and for the City and County of San Francisco, to fill for the unexpired term the vacancy in the office of Supervisor of said City and County created by the resignation of M. W. Coffey, he to hold said office of Supervisor for the remainder of the unexpired term of said M. W. Coffey, resigned.

In witness whereof, I have hereunto set my hand and caused the seal of the City and County of San Francisco to be affixed this 29th day of July, 1907.

(Seal)

EDWARD ROBESON TAYLOR.

Mayor of the City and County of San Francisco, State of California.

Attest: HARRY G. MCKANNEY, Secretary.

Whereupon, Mr. Henry U. Brandenstein qualified by taking the oath of office, was duly seated and declared inducted into the office of Supervisor.

RESIGNATION OF DANIEL G. COLEMAN.

Office of the Board of Supervisors, New Hall of Justice, 70 Eddy Street,
San Francisco, July 29th, 1907.

To His Honor Edward R. Taylor, Mayor of the City and County of San Francisco, and to the Honorable the Board of Supervisors of said City and County of San Francisco.

Gentlemen:—I hereby resign from the office of Supervisor of the City and County of San Francisco, and as a member of the Board of Supervisors of said City and County; this resignation to take effect upon the presentation of this resignation to the Clerk of said Board of Supervisors.

DANIEL G. COLEMAN.

APPOINTMENT OF GUSTAVE BRENNER AS SUPERVISOR.

San Francisco, July 29th, 1907.

To the Honorable Board of Supervisors,
Of the City and County of San Francisco.

Gentlemen:—I hereby notify you that I have this day appointed Gustave Brenner a Supervisor and a member of the Board of Supervisors, in and for the City and County of San Francisco, to fill for the unexpired term the vacancy

in the office of Supervisor of said City and County created by the resignation of Daniel G. Coleman, he to hold said office of Supervisor for the remainder of the unexpired term of said Daniel G. Coleman, resigned.

(Seal) EDWARD R. TAYLOR,
Mayor of the City and County of San Francisco, State of California.

Office of the Mayor of the City and County of San Francisco,
State of California.

I, Edward Robeson Taylor, as Mayor of the City and County of San Francisco, State of California, by virtue of the authority in me vested under the Charter of said City and County, do by these presents appoint Gustave Brenner a Supervisor and a member of the Board of Supervisors, in and for the City and County of San Francisco, to fill for the unexpired term the vacancy in the office of Supervisor of said City and County created by the resignation of Daniel G. Coleman, he to hold said office of Supervisor for the remainder of the unexpired term of said Daniel G. Coleman, resigned.

In witness whereof, I have hereunto set my hand and caused the seal of the City and County of San Francisco to be affixed this 29th day of July, 1907.

(Seal) EDWARD ROBESON TAYLOR,
Mayor of the City and County of San Francisco, State of California.

Attest: HARRY G. MCKANNEY, Secretary.

Whereupon, Mr. Gustave Brenner qualified by taking the oath of office, was duly seated and declared inducted into the office of Supervisor.

RESIGNATION OF SAM DAVIS.

Office of the Board of Supervisors, New Hall of Justice, 70 Eddy Street,
San Francisco, California, July 29th, 1907.

To His Honor, Edward R. Taylor, Mayor of the City and County of San Francisco, and to the Honorable, the Board of Supervisors of said City and County of San Francisco.

Gentlemen:—I hereby resign from the office of Supervisor of the City and County of San Francisco, and as a member of the Board of Supervisors of said City and County; this resignation to take effect upon the presentation of this resignation to the Clerk of said Board of Supervisors.

SAM DAVIS.

APPOINTMENT OF GEORGE L. CENTER AS SUPERVISOR.

San Francisco, July 29th, 1907.

To the Honorable Board of Supervisors of the City and County of San Francisco.

Gentlemen:—I hereby notify you that I have this day appointed George L. Center a Supervisor and member of the Board of Supervisors, in and for the City and County of San Francisco, to fill for the unexpired term the vacancy in the office of Supervisor of said City and County created by the resignation of Sam Davis, he to hold said office of Supervisor for the remainder of the unexpired term of said Sam Davis, resigned.

(Seal) EDWARD R. TAYLOR,
Mayor of the City and County of San Francisco, State of California.

Office of the Mayor of the City and County of San Francisco,
State of California.

I, Edward Robeson Taylor, as Mayor of the City and County of San Francisco, State of California, by virtue of the authority in me vested under the Charter of said City and County, do by these presents appoint George L. Center a Supervisor and a member of the Board of Supervisors, in and for the City and County of San Francisco, to fill for the unexpired term the vacancy in the office of Supervisor of said City and County created by the resignation of Sam Davis, he to hold said office of Supervisor for the remainder of the unexpired term of said Sam Davis, resigned.

In witness whereof, I have hereunto set my hand and caused the seal of the City and County of San Francisco to be affixed this 29th day of July, 1907.

(Seal) EDWARD ROBESON TAYLOR,
Mayor of the City and County of San Francisco, State of California.

Attest: HARRY G. MCKANNEY, Secretary.

Whereupon, Mr. George L. Center qualified by taking the oath of office, was duly seated and declared inducted into the office of Supervisor.

RESIGNATION OF JOHN J. FUREY.

Office of the Board of Supervisors, New Hall of Justice, 70 Eddy Street,
San Francisco, California, July 29th, 1907.

To His Honor, Edward R. Taylor, Mayor of the City and County of San Francisco, and to the Honorable, the Board of Supervisors of said City and County of San Francisco.

Gentlemen:—I hereby resign from the office of Supervisor of the City and County of San Francisco, and as a member of the Board of Supervisors of said City and County; this resignation to take effect upon the presentation of this resignation to the Clerk of said Board of Supervisors.

J. J. FUREY.

APPOINTMENT OF A. A. D'ANCONA AS SUPERVISOR.

San Francisco, July 29th, 1907.

To the Honorable Board of Supervisors of the City and County of San Francisco.

Gentlemen:—I hereby notify you that I have this day appointed Arnold A. D'Ancona a Supervisor and a member of the Board of Supervisors in and for the City and County of San Francisco, to fill for the unexpired term the vacancy in the office of Supervisor of said City and County created by the resignation of John J. Furey, he to hold said office of Supervisor for the remainder of the unexpired term of said John J. Furey, resigned.

(Seal) EDWARD R. TAYLOR,
Mayor of the City and County of San Francisco, State of California.

Office of the Mayor of the City and County of San Francisco,
State of California.

I, Edward Robeson Taylor, as Mayor of the City and County of San Francisco, State of California, by virtue of the authority in me vested under the Charter of said City and County, do by these presents appoint Arnold A. D'Ancona a Supervisor and a member of the Board of Supervisors, in and for the City and County of San Francisco, to fill for the unexpired term the vacancy in the office of Supervisor of said City and County created by the resignation of

John J. Furey, he to hold said office of Supervisor for the remainder of the unexpired term of said John J. Furey, resigned.

In witness whereof, I have hereunto set my hand and caused the seal of the City and County of San Francisco to be affixed this 29th day of July, 1907.

(Seal)

EDWARD ROBESON TAYLOR,

Mayor of the City and County of San Francisco, State of California.

Attest: HARRY G. McKANNEY, Secretary.

Whereupon, Arnold A. D'Ancona qualified by taking the oath of office, was duly seated and declared inducted into the office of Supervisor.

RESIGNATION OF JAMES L. GALLAGHER.

Office of the Board of Supervisors, New Hall of Justice, 70 Eddy Street,
San Francisco, California, July 29th, 1907.

To His Honor, Edward R. Taylor, Mayor of the City and County of San Francisco, and to the Honorable, the Board of Supervisors of said City and County of San Francisco.

Gentlemen:—I hereby resign from the office of Supervisor of the City and County of San Francisco, and as a member of the Board of Supervisors of said City and County; this resignation to take effect upon the presentation of this resignation to the Clerk of said Board of Supervisors.

JAMES L. GALLAGHER.

APPOINTMENT OF BERNARD FAYMONVILLE AS SUPERVISOR.

San Francisco, July 29th, 1907.

To the Honorable Board of Supervisors of the City and County of San Francisco.

Gentlemen:—I hereby notify you that I have this day appointed Bernard Faymonville a Supervisor and a member of the Board of Supervisors, in and for the City and County of San Francisco, to fill for the unexpired term the vacancy in the office of Supervisor of said City and County created by the resignation of James L. Gallagher, he to hold said office of Supervisor for the remainder of the unexpired term of said James L. Gallagher, resigned.

(Seal)

EDWARD R. TAYLOR,

Mayor of the City and County of San Francisco, State of California.

Office of the Mayor of the City and County of San Francisco,
State of California.

I, Edward Robeson Taylor, as Mayor of the City and County of San Francisco, State of California, by virtue of the authority in me vested under the Charter of said City and County, do by these presents appoint Bernard Faymonville a Supervisor and a member of the Board of Supervisors, in and for the City and County of San Francisco, to fill for the unexpired term the vacancy in the office of Supervisor of said City and County created by the resignation of James L. Gallagher, he to hold said office of Supervisor for the remainder of the unexpired term of said James L. Gallagher, resigned.

In witness whereof, I have hereunto set my hand and caused the seal of the City and County of San Francisco to be affixed this 29th day of July, 1907.

(Seal)

EDWARD ROBESON TAYLOR,

Mayor of the City and County of San Francisco, State of California.

Attest: HARRY G. McKANNEY, Secretary.

Whereupon, Mr. Bernard Faymonville qualified by taking the oath of office, was duly seated and declared inducted into the office of Supervisor.

RESIGNATION OF C. J. HARRIGAN FROM OFFICE OF SUPERVISOR.

Office of the Board of Supervisors, New Hall of Justice, 70 Eddy Street,
San Francisco, California, July 29th, 1907.

To His Honor, Edward R. Taylor, Mayor of the City and County of San Francisco, and to the Honorable, the Board of Supervisors of said City and County of San Francisco.

Gentlemen:—I hereby resign from the office of Supervisor of the City and County of San Francisco, and as a member of the Board of Supervisors of said City and County; this resignation to take effect upon the presentation of this resignation to the Clerk of said Board of Supervisors.

C. J. HARRIGAN.

APPOINTMENT OF THOMAS MAGEE AS SUPERVISOR.

San Francisco, July 29th, 1907.

To the Honorable Board of Supervisors of the City and County of San Francisco.

Gentlemen:—I hereby notify you that I have this day appointed Thomas Magee a Supervisor and a member of the Board of Supervisors, in and for the City and County of San Francisco, to fill for the unexpired term the vacancy in the office of Supervisor of said City and County created by the resignation of Cornelius J. Harrigan, he to hold said office of Supervisor for the remainder of the unexpired term of said Cornelius J. Harrigan, resigned.

(Seal)

EDWARD R. TAYLOR,

Mayor of the City and County of San Francisco, State of California.

Office of the Mayor of the City and County of San Francisco,
State of California.

I, Edward Robeson Taylor, as Mayor of the City and County of San Francisco, State of California, by virtue of the authority in me vested under the Charter of said City and County, do by these presents appoint Thomas Magee a Supervisor and a member of the Board of Supervisors, in and for the City and County of San Francisco, to fill for the unexpired term the vacancy in the office of Supervisor of said City and County created by the resignation of Cornelius J. Harrigan, to hold said office of Supervisor for the remainder of the unexpired term of said Cornelius J. Harrigan, resigned.

In witness whereof, I have hereunto set my hand and caused the seal of the City and County of San Francisco to be affixed this 29th day of July, 1907.

(Seal)

EDWARD ROBESON TAYLOR,

Mayor of the City and County of San Francisco, State of California.

Attest: HARRY G. MCKANNEY, Secretary.

Whereupon, Mr. Thomas Magee qualified by taking the oath of office, was duly seated and declared inducted into the office of Supervisor.

RESIGNATION OF JAMES F. KELLY.

Office of the Board of Supervisors, New Hall of Justice, 70 Eddy Street,
San Francisco, California, July 29th, 1907.

To His Honor, Edward R. Taylor, Mayor of the City and County of San Francisco, and to the Honorable, the Board of Supervisors of said City and County of San Francisco.

Gentlemen:—I hereby resign from the office of Supervisor of the City and County of San Francisco, and as a member of the Board of Supervisors of said City and County; this resignation to take effect upon the presentation of this resignation to the Clerk of said Board of Supervisors.

JAS. F. KELLY, Supervisor.

APPOINTMENT OF E. J. MOLERA AS SUPERVISOR.

San Francisco, July 29th, 1907.

To the Honorable Board of Supervisors of the City and County of San Francisco.

Gentlemen:—I hereby notify you that I have this day appointed E. J. Molera a Supervisor and a member of the Board of Supervisors, in and for the City and County of San Francisco, to fill for the unexpired term the vacancy in the office of Supervisor of said City and County created by the resignation of James F. Kelly, he to hold said office of Supervisor for the remainder of the unexpired term of said James F. Kelly, resigned.

(Seal)

EDWARD R. TAYLOR,

Mayor of the City and County of San Francisco, State of California.

Office of the Mayor of the City and County of San Francisco,
State of California.

I, Edward Robeson Taylor, as Mayor of the City and County of San Francisco, State of California, by virtue of the authority in me vested under the Charter of said City and County, do by these presents appoint E. J. Molera a Supervisor and a member of the Board of Supervisors, in and for the City and County of San Francisco, to fill for the unexpired term the vacancy in the office of Supervisor of said City and County created by the resignation of James F. Kelly, he to hold said office of Supervisor for the remainder of the unexpired term of said James F. Kelly, resigned.

In witness whereof, I have hereunto set my hand and caused the seal of the City and County of San Francisco to be affixed this 29th day of July, 1907.

(Seal)

EDWARD ROBESON TAYLOR,

Mayor of the City and County of San Francisco, State of California.

Attest: HARRY G. MCKANNEY, Secretary.

Whereupon, Mr. E. J. Molera qualified by taking the oath of office, was duly seated and inducted into the office of Supervisor.

RESIGNATION OF THOMAS F. LONERGAN.

Office of the Board of Supervisors, New Hall of Justice, 70 Eddy Street.

San Francisco, California, July 29th, 1907.

To His Honor, Edward R. Taylor, Mayor of the City and County of San Francisco, and to the Honorable, the Board of Supervisors of said City and County of San Francisco.

Gentlemen:—I hereby resign from the office of Supervisor of the City and County of San Francisco, and as a member of the Board of Supervisors of said City and County; this resignation to take effect upon the presentation of this resignation to the Clerk of said Board of Supervisors.

THOMAS F. LONERGAN.

APPOINTMENT OF CHARLES A. MURDOCK AS SUPERVISOR.

San Francisco, July 29th, 1907.

To the Honorable Board of Supervisors of the City and County of San Francisco.

Gentlemen:—I hereby notify you that I have this day appointed Charles A. Murdock a Supervisor and a member of the Board of Supervisors in and for the City and County of San Francisco, to fill for the unexpired term the vacancy in the office of Supervisor of said City and County created by the resignation of Thomas F. Lonergan, he to hold said office of Supervisor for the remainder of the unexpired term of said Thomas F. Lonergan, resigned.

(Seal)

EDWARD R. TAYLOR,

Mayor of the City and County of San Francisco, State of California.

Office of the Mayor of the City and County of San Francisco,
State of California.

I, Edward Robeson Taylor, as Mayor of the City and County of San Francisco, State of California, by virtue of the authority in me vested under the Charter of said City and County, do by these presents appoint Charles A. Murdock a Supervisor and a member of the Board of Supervisors, in and for the City and County of San Francisco, to fill for the unexpired term the vacancy in the office of Supervisor of said City and County created by the resignation of Thomas F. Lonergan, he to hold said office of Supervisor for the remainder of the unexpired term of said Thomas F. Lonergan, resigned.

In witness whereof, I have hereunto set my hand and caused the seal of the City and County of San Francisco to be affixed this 29th day of July, 1907.

(Seal)

EDWARD ROBESON TAYLOR,

Mayor of the City and County of San Francisco, State of California.

Attest: HARRY G. McKANNEY, Secretary.

Whereupon, Mr. Charles A. Murdock qualified by taking the oath of office, was duly seated and declared inducted into the office of Supervisor.

RESIGNATION OF MAX MAMLOCK.

Office of the Board of Supervisors, New Hall of Justice, 70 Eddy Street,
San Francisco, California, July 29th, 1907.

To His Honor, Edward R. Taylor, Mayor of the City and County of San Francisco, and to the Honorable, the Board of Supervisors of said City and County of San Francisco.

Gentlemen:—I hereby resign from the office of Supervisor of the City and County of San Francisco, and as a member of the Board of Supervisors of said City and County; this resignation to take effect upon the presentation of this resignation to the Clerk of said Board of Supervisors.

MAX MAMLOCK.

APPOINTMENT OF DANIEL C. MURPHY AS SUPERVISOR.

San Francisco, July 29th, 1907.

To the Honorable Board of Supervisors of the City and County of San Francisco.

Gentlemen:—I hereby notify you that I have this day appointed Daniel C. Murphy a Supervisor and a member of the Board of Supervisors, in and for the City and County of San Francisco, to fill for the unexpired term the vacancy in the office of Supervisor of said City and County created by the resignation of Max Mamlock, he to hold said office of Supervisor for the remainder of the unexpired term of said Max Mamlock, resigned.

(Seal)

EDWARD R. TAYLOR,

Mayor of the City and County of San Francisco, State of California.

Office of the Mayor of the City and County of San Francisco,
State of California.

I, Edward Robeson Taylor, as Mayor of the City and County of San Francisco, State of California, by virtue of the authority in me vested under the Charter of said City and County, do by these presents appoint Daniel C. Murphy a Supervisor and a member of the Board of Supervisors, in and for the City and County of San Francisco, to fill for the unexpired term the vacancy in the office of Supervisor of said City and County created by the resignation of

BOARD OF SUPERVISORS

Max Mamlock, he to hold said office of Supervisor for the remainder of the unexpired term of said Max Mamlock, resigned.

In witness whereof, I have hereunto set my hand and caused the seal of the City and County of San Francisco to be affixed this 29th day of July, 1907.

(Seal)

EDWARD ROBESON TAYLOR,

Mayor of the City and County of San Francisco, State of California.

Attest: HARRY G. MCKANNEY, Secretary.

Whereupon, Mr. Daniel C. Murphy qualified by taking the oath of office, was duly seated and declared inducted into the office of Supervisor.

RESIGNATION OF F. P. NICHOLAS.

Office of the Board of Supervisors, New Hall of Justice, 70 Eddy Street,
San Francisco, California, July 29th, 1907.

To His Honor, Edward R. Taylor, Mayor of the City and County of San Francisco, and to the Honorable, the Board of Supervisors of said City and County of San Francisco.

Gentlemen:—I hereby resign from the office of Supervisor of the City and County of San Francisco, and as a member of the Board of Supervisors of said City and County; this resignation to take effect upon the presentation of this resignation to the Clerk of said Board of Supervisors.

F. P. NICHOLAS.

APPOINTMENT OF HENRY PAYOT AS SUPERVISOR.

San Francisco, July 29th, 1907.

To the Honorable Board of Supervisors of the City and County of San Francisco.

Gentlemen:—I hereby notify you that I have this day appointed Henry Payot as Supervisor and a member of the Board of Supervisors, in and for the City and County of San Francisco, to fill for the unexpired term the vacancy in the office of Supervisor of said City and County created by the resignation of F. P. Nicholas, he to hold said office of Supervisor for the remainder of the unexpired term of said F. P. Nicholas, resigned.

(Seal)

EDWARD R. TAYLOR,

Mayor of the City and County of San Francisco, State of California.

Office of the Mayor of the City and County of San Francisco,
State of California.

I, Edward Robeson Taylor, as Mayor of the City and County of San Francisco, State of California, by virtue of the authority in me vested under the Charter of said City and County, do by these presents appoint Henry Payot a Supervisor and a member of the Board of Supervisors, in and for the City and County of San Francisco, to fill for the unexpired term the vacancy in the office of Supervisor of said City and County created by the resignation of F. P. Nicholas, he to hold said office of Supervisor for the remainder of the unexpired term of said F. P. Nicholas, resigned.

In witness whereof, I have hereunto set my hand and caused the seal of the City and County of San Francisco to be affixed this 29th day of July, 1907.

(Seal)

EDWARD ROBESON TAYLOR,

Mayor of the City and County of San Francisco, State of California.

Attest: HARRY G. MCKANNEY, Secretary.

Whereupon, Mr. Henry Payot qualified by taking the oath of office, was duly seated and declared inducted into the office of Supervisor.

RESIGNATION OF JENNINGS J. PHILLIPS.

Office of the Board of Supervisors, New Hall of Justice, 70 Eddy Street,
San Francisco, California, July 29th, 1907.

To His Honor, Edward R. Taylor, Mayor of the City and County of San Francisco, and to the Honorable, the Board of Supervisors of said City and County of San Francisco.

Gentlemen:—I hereby resign from the office of Supervisor of the City and County of San Francisco, and as a member of the Board of Supervisors of said City and County; this resignation to take effect upon the presentation of this resignation to the Clerk of said Board of Supervisors.

JENNINGS PHILLIPS.

APPOINTMENT OF LORING P. RIXFORD AS SUPERVISOR.

San Francisco, July 29th, 1907.

To the Honorable Board of Supervisors of the City and County of San Francisco.

Gentlemen:—I hereby notify you that I have this day appointed Loring P. Rixford a Supervisor and a member of the Board of Supervisors, in and for the City and County of San Francisco, to fill for the unexpired term the vacancy in the office of Supervisor of said City and County created by the resignation of Jennings J. Phillips, he to hold said office of Supervisor for the remainder of the unexpired term of said Jennings J. Phillips, resigned.

(Seal)

EDWARD R. TAYLOR,

Mayor of the City and County of San Francisco, State of California.

Office of the Mayor of the City and County of San Francisco,
State of California.

I, Edward Robeson Taylor, as Mayor of the City and County of San Francisco, State of California, by virtue of the authority in me vested under the Charter of said City and County, do by these presents appoint Loring P. Rixford a Supervisor and a member of the Board of Supervisors, in and for the City and County of San Francisco, to fill for the unexpired term the vacancy in the office of Supervisor of said City and County created by the resignation of Jennings J. Phillips, he to hold said office of Supervisor for the remainder of the unexpired term of said Jennings J. Phillips, resigned.

In witness whereof, I have hereunto set my hand and caused the seal of the City and County of San Francisco to be affixed this 29th day of July, 1907.

(Seal)

EDWARD ROBESON TAYLOR,

Mayor of the City and County of San Francisco, State of California.

Attest: HARRY G. MCKANNEY, Secretary.

Whereupon, Mr. Loring P. Rixford qualified by taking the oath of office, was duly seated and declared inducted into the office of Supervisor.

RESIGNATION OF L. A. REA.

Office of the Board of Supervisors, New Hall of Justice, 70 Eddy Street,
San Francisco, California, July 29th, 1907.

To His Honor, Edward R. Taylor, Mayor of the City and County of San Francisco, and to the Honorable, the Board of Supervisors of said City and County of San Francisco.

Gentlemen:—I hereby resign from the office of Supervisor of the City and County of San Francisco, and as a member of the Board of Supervisors of said City and County; this resignation to take effect upon the presentation of this resignation to the Clerk of said Board of Supervisors.

L. A. REA.

APPOINTMENT OF LIPPMANN SACHS AS SUPERVISOR.

San Francisco, July 29th, 1907.

To the Honorable Board of Supervisors of the City and County of San Francisco.

Gentlemen:—I hereby notify you that I have this day appointed Lippmann Sachs a Supervisor and a member of the Board of Supervisors, in and for the City and County of San Francisco, to fill for the unexpired term the vacancy in the office of Supervisor of said City and County created by the resignation of L. A. Rea, he to hold said office of Supervisor for the remainder of the unexpired term of said L. A. Rea, resigned.

(Seal)

EDWARD R. TAYLOR,

Mayor of the City and County of San Francisco, State of California.

Office of the Mayor of the City and County of San Francisco,
State of California.

I, Edward Robeson Taylor, as Mayor of the City and County of San Francisco, State of California, by virtue of the authority in me vested under the Charter of said City and County, do by these presents appoint Lippman Sachs a Supervisor and a member of the Board of Supervisors, in and for the City and County of San Francisco, to fill for the unexpired term the vacancy in the office of Supervisor of said City and County created by the resignation of L. A. Rea, he to hold said office of Supervisor for the remainder of the unexpired term of said L. A. Rea, resigned.

In witness whereof, I have hereunto set my hand and caused the seal of the City and County of San Francisco to be affixed this 29th day of July, 1907.

(Seal)

EDWARD ROBESON TAYLOR,

Mayor of the City and County of San Francisco, State of California.

Attest: HARRY G. McKANNEY, Secretary.

Whereupon, Mr. Lippmann Sachs qualified by taking the oath of office, was duly seated and declared inducted into the office of Supervisor.

RESIGNATION OF W. W. SANDERSON.

Office of the Board of Supervisors, New Hall of Justice, 70 Eddy Street,
San Francisco, California, July 29th, 1907.

To His Honor, Edward R. Taylor, Mayor of the City and County of San Francisco, and to the Honorable, the Board of Supervisors of said City and County of San Francisco.

Gentlemen:—I hereby resign from the office of Supervisor of the City and County of San Francisco, and as a member of the Board of Supervisors of said City and County; this resignation to take effect upon the presentation of this resignation to the Clerk of said Board of Supervisors.

W. W. SANDERSON.

• APPOINTMENT OF WILLIAM G. STAFFORD AS SUPERVISOR.

San Francisco, July 29th, 1907.

To the Honorable Board of Supervisors of the City and County of San Francisco.

Gentlemen:—I hereby notify you that I have this day appointed William G. Stafford a Supervisor and a member of the Board of Supervisors, in and for the City and County of San Francisco, to fill for the unexpired term the vacancy in the office of Supervisor of said City and County created by the resignation of

W. W. Sanderson, he to hold said office of Supervisor for the remainder of the unexpired term of said W. W. Sanderson, resigned.

(Seal) EDWARD R. TAYLOR,
Mayor of the City and County of San Francisco, State of California.

Office of the Mayor of the City and County of San Francisco,
State of California.

I, Edward Robeson Taylor, as Mayor of the City and County of San Francisco, State of California, by virtue of the authority in me vested under the Charter of said City and County, do by these presents appoint William G. Stafford a Supervisor and a member of the Board of Supervisors, in and for the City and County of San Francisco, to fill for the unexpired term the vacancy in the office of Supervisor of said City and County created by the resignation of W. W. Sanderson, he to hold said office of Supervisor for the remainder of the unexpired term of said W. W. Sanderson, resigned.

In witness whereof, I have hereunto set my hand and caused the seal of the City and County of San Francisco to be affixed this 29th day of July, 1907.

(Seal) EDWARD ROBESON TAYLOR,
Mayor of the City and County of San Francisco, State of California.

Attest: HARRY G. MCKANNEY, Secretary.

Whereupon, Mr. William G. Stafford qualified by taking the oath of office, was duly seated and declared inducted into the office of Supervisor.

RESIGNATION OF EDWARD I. WALSH.

Office of the Board of Supervisors, New Hall of Justice, 70 Eddy Street,
San Francisco, California, July 29th, 1907.

To His Honor, Edward R. Taylor, Mayor of the City and County of San Francisco, and to the Honorable, the Board of Supervisors of said City and County of San Francisco.

Gentlemen:—I hereby resign from the office of Supervisor of the City and County of San Francisco, and as a member of the Board of Supervisors of said City and County; this resignation to take effect upon the presentation of this resignation to the Clerk of said Board of Supervisors.

E. I. WALSH.

APPOINTMENT OF MATHEW I. SULLIVAN AS SUPERVISOR.

San Francisco, July 29th, 1907.

To the Honorable Board of Supervisors of the City and County of San Francisco.

Gentlemen:—I hereby notify you that I have this day appointed Mathew I. Sullivan a Supervisor and a member of the Board of Supervisors, in and for the City and County of San Francisco, to fill for the unexpired term the vacancy in the office of Supervisor of said City and County created by the resignation of Edward I. Walsh, he to hold said office of Supervisor for the remainder of the unexpired term of said Edward I. Walsh, resigned.

(Seal) EDWARD R. TAYLOR,
Mayor of the City and County of San Francisco, State of California.

Office of the Mayor of the City and County of San Francisco,
State of California.

I, Edward Robeson Taylor, as Mayor of the City and County of San Francisco, State of California, by virtue of the authority in me vested under the

BOARD OF SUPERVISORS

Charter of said City and County, do by these presents appoint Mathew I. Sullivan a Supervisor and a member of the Board of Supervisors, in and for the City and County of San Francisco, to fill for the unexpired term the vacancy in the office of Supervisor of said City and County created by the resignation of Edward I. Walsh, he to hold said office of Supervisor for the remainder of the unexpired term of said Edward I. Walsh, resigned.

In witness whereof, I have hereunto set my hand and caused the seal of the City and County of San Francisco to be affixed this 29th day of July, 1907.

(Seal)

EDWARD ROBESON TAYLOR,

Mayor of the City and County of San Francisco, State of California.

Attest: HARRY G. McKANNEY, Secretary.

Whereupon, Mr. Mathew I. Sullivan qualified by taking the oath of office, was duly seated and declared inducted into the office of Supervisor.

OBJECTIONS OF SUPERVISORS TVEITMOE AND O'NEILL.

Supervisors Tveitmoe and O'Neill entered a general protest against appointments to fill vacancies in the Board being made by Mayor Taylor until his title to the Mayoralty had been legally established, stating that in their judgment the course being pursued would invite litigation of a serious character and further aggravate an already chaotic condition in the Municipal Government, and asked their protests be filed in each case.

On August 26th, 1907, the following proceedings were had:

RESIGNATION OF P. M. MCGUSHIN FROM THE OFFICE OF SUPERVISOR.

Office of the Board of Supervisors, New Hall of Justice, 70 Eddy Street.

San Francisco, California, August 26th, 1907.

To His Honor, Edward R. Taylor, Mayor of the City and County of San Francisco.

Dear Sir:—I hereby resign from the office of Supervisor of the City and County of San Francisco; this resignation to take effect upon its presentation to the Clerk of the Board of Supervisors.

P. M. MCGUSHIN.

APPOINTMENT OF A. COMTE, JR., AS SUPERVISOR.

San Francisco, August 26th, 1907.

To the Honorable, the Board of Supervisors of the City and County of San Francisco.

Gentlemen:—I hereby notify you that I have this day appointed A. Comte, Jr., a Supervisor and a member of the Board of Supervisors in and for the City and County of San Francisco, to fill for the unexpired term the vacancy in the office of Supervisor caused by the resignation of P. M. McGushin, to hold the office of Supervisor for the remainder of the unexpired term of said P. M. McGushin, resigned.

EDWARD ROBESON TAYLOR,

Mayor of the City and County of San Francisco.

Office of the Mayor of the City and County of San Francisco, State of California.

I, Edward Robeson Taylor, as Mayor of the City and County of San Francisco, State of California, by virtue of the authority in me vested under the Charter of said City and County, do by these presents appoint A. Comte, Jr., a Supervisor and member of the Board of Supervisors in and for the City and County of San Francisco, to fill for the unexpired term the vacancy in the

REORGANIZATION

921

office of Supervisor of said City and County of San Francisco created by the resignation of P. M. McGushin, he to hold said office of Supervisor for the remainder of the unexpired term of said P. M. McGushin, resigned.

In witness whereof I have hereunto set my hand and caused the seal of the City and County of San Francisco to be affixed this 26th day of August, 1907.

(Seal)

EDWARD ROBESON TAYLOR,

As Mayor of the City and County of San Francisco, State of California.

Attest: HARRY G. MCKANNEY, Secretary.

Whereupon Mr. A. Comte, Jr., took the oath of office and gave and executed to the City and County the official bond as required by law and the Charter, and thereupon took his seat as a member of the Board.

BOARD AS REORGANIZED.

The following was the composition of the Board of Supervisors from August 26th, 1907, until January 8th, 1908:

EDWARD R. TAYLOR, Mayor and Ex-Officio President.

MEMBERS.

JAMES P. BOOTH.....	Press Club, 2016 Pine Street
H. U. BRANDENSTEIN.....	250 Montgomery Street
GUSTAVE BRENNER.....	2308 Buchanan Street
GEORGE CENTER.....	2828 Sixteenth Street
A. COMTE, JR.....	102 Guerrero Street
A. A. D'ANCONA.....	Affiliated Colleges, Second and Parnassus Avenues
B. FAYMONVILLE.....	401 California Street
THOMAS MAGEE.....	22 Geary Street
E. J. MOLERA.....	2025 Sacramento Street
CHAS. A. MURDOCK.....	1580 Geary Street
D. C. MURPHY.....	Mutual Savings Bank Building
J. J. O'NEILL.....	316 Fourteenth Street
HENRY PAYOT.....	Hotel Oxford, Post and Franklin Streets
LORING P. RIXFORD.....	728 Montgomery Street
LIPPMANN SACHS.....	Union Trust Building
W. G. STAFFORD.....	214 East Street
MATT I. SULLIVAN.....	11th Floor, Humbolt Bank Bldg.
	Market Street, bet. Third and Fourth Streets
O. A. TVEITMOE.....	10 Turk Street

John H. Ryan was Clerk of the Board of Supervisors until August 26th, when a resolution was adopted appointing the Clerk and Assistants as follows:

JOHN E. BEHAN.....	Clerk
JOHN H. RYAN.....	Chief Assistant Clerk
JAMES J. LYNCH.....	Assistant Clerk
T. B. MCGINNIS.....	Assistant Clerk
JOHN T. FINN.....	Assistant Clerk, Assigned to Stationery Department
C. J. WILLIAMS.....	Assistant Clerk
DAVID A. BARRY.....	Assistant Clerk
T. K. MCCARTHY.....	Assistant Clerk
L. F. CULL.....	Assistant Clerk
T. R. MANNING.....	Assistant Clerk
E. T. BURKE.....	Sergeant-at-Arms
ANNIE KELLY.....	Telephone Operator
C. W. WILLIAMS.....	Expert

Board of Supervisors, 1908

At the Municipal Election held in November, 1907, a new Board of Supervisors was elected which took office on January 8th, 1908, and was in office at the close of the fiscal year with exceptions noted. The following constituted the Board on July 1st, 1908:

EDWARD R. TAYLOR, Mayor and Ex-Officio President.

MEMBERS.

PAUL BANCROFT.....	1407 Chronicle Building
JAMES P. BOOTH.....	Press Club, 427 Bush Street
WILLIAM BRODERICK.....	1044 Guerrero Street
GEORGE L. CENTER.....	2828 Sixteenth Street
A. COMTE, JR.....	333 Kearny Street
*GEORGE A. CONNOLLY.....	Mills Building
†A. A. D'ANCONA.....	Affiliated Colleges
A. H. GIANNINI.....	2745 Van Ness Avenue
OSCAR HOCKS.....	508 Church Street
THOMAS JENNINGS.....	464 Bryant Street
JAMES A. JOHNSTON.....	94 Carl Street
M. HALL McALLISTER.....	310 California Street
RALPH McLERAN.....	1554 McAllister Street
CHARLES A. MURDOCK.....	68 Fremont Street
DANIEL C. MURPHY.....	407 Mutual Savings Bank Building
HENRY PAYOT.....	968 Ellis Street
ALLAN POLLOK.....	2295 Franklin Street
LORING P. RIXFORD.....	904 Mills Building
JOHN E. BEHAN, Clerk.....	2908 Twenty-third Street

OFFICERS.

JOHN E. BEHAN.....	Clerk
JOHN H. RYAN.....	Chief Assistant Clerk
JAMES J. LYNCH.....	Assistant Clerk
THOMAS B. McGINNIS.....	Assistant Clerk
JOHN F. FINN.....	Assistant Clerk, Assigned to Stationery Department
EUGENE A. BEAUCE.....	Assistant Clerk
DAVID A. BARRY.....	Assistant Clerk
DAVID CRONAN.....	Assistant Clerk
JAMES HILTON.....	Assistant Clerk
THOMAS R. MANNING.....	Assistant Clerk
MARTIN WELCH.....	Sergeant-at-Arms
MISS MARY A. COMMERFORD.....	Telephone Operator
CYRIL W. WILLIAMS.....	Expert Accountant

*Appointed May 28th, 1908, vice W. G. Stafford, resigned.

†Appointed May 28th, 1908, vice Lippmann Sachs, resigned.

STANDING COMMITTEES.

Artificial Lights.....	D'ANCONA, BRODERICK, JOHNSTON
Building Laws.....	RIXFORD, BRODERICK, PAYOT
Charities and Corrections, Prisons and Reformatories.....	BANCROFT, PAYOT, MURDOCK
Civil Service.....	MURDOCK, JENNINGS, PAYOT
Education.....	McALLISTER, COMTE, POLLOK
Electricity.....	McLERAN, BOOTH, CENTER
Equalization of Assessments.....	POLLOK, BRODERICK, JOHNSTON
Finance.....	JENNINGS, MURPHY, POLLOK
Fire.....	BRODERICK, HOCKS, CONNOLLY
Hospital and Health.....	PAYOT, GIANNINI, MURDOCK
Judiciary.....	COMTE, BOOTH, CONNOLLY
Licenses.....	HOCKS, COMTE, McALLISTER
Outside Lands.....	CENTER, BOOTH, McALLISTER
Police.....	CONNOLLY, RIXFORD, McLERAN
Printing.....	BOOTH, HOCKS, MURDOCK
Public Buildings.....	RIXFORD, McLERAN, BANCROFT
Public Utilities.....	GIANNINI, MURPHY, McLERAN
Streets, Sewers and Parks.....	CENTER, POLLOK, BRODERICK
Telephone Rates.....	MURPHY, GIANNINI, BANCROFT
Water Rates.....	JOHNSTON, MURPHY, McALLISTER

SPECIAL COMMITTEES.

Rehabilitation of City Hall and Housing of Municipal Department.....	RIXFORD, McLERAN, BANCROFT, POLLOK, MURPHY, BRODERICK
Relations Between City and Spring Valley Water Company.....	JOHNSTON, MURPHY, McALLISTER, JENNINGS, GIANNINI, McLERAN, COMTE, BRODERICK, PAYOT.

RULES OF PROCEEDINGS.

1. In the absence of the President, the Clerk, on the appearance of ten members, shall call the Board to order, when a President pro tem. shall be appointed by the Board for that meeting, or until the appearance of the President.
2. Whenever it shall be moved and carried that the Board go into Committee of the Whole, the President shall leave the chair and the members shall appoint a Chairman of the Committee of the Whole, who shall report the proceedings of said Committee.
3. The rules of the Board shall be observed in the Committee of the Whole, except the rules regulating a call for ayes and nays and limiting the time of speaking.
4. A motion, in Committee of the Whole, to rise and report the question, shall be decided without debate.
5. The Clerk shall have clips, upon which shall be kept all bills, Ordinances, Resolutions and Reports to be acted upon by the Board, except those not reported upon by a committee.
6. A resolution or a bill shall not be submitted to the Board for action until it shall have been referred to and acted upon by a committee of the Board.
7. The Order of Business, which shall not be departed from, except by the consent of ten members, shall be as follows:

- 1st—Calling the Roll.
- 2d—Reading the Journal.
- 3d—Roll Call for Petitions from Members.
- 4th—Presentation of Petitions filed with the Board.
- 5th—Communications and Reports from City and County Officers.
- 6th—Reports of Committees, except Finance Committee.
- 7th—Presentation of Proposals.
- 8th—Unfinished Business.
- 9th—Presentation of Bills and Accounts.
- 10th—Report of Finance Committee.
- 11th—Bills, Ordinances, Motions or Resolutions (New Business).
- 12th—Roll Call for introduction of Resolutions, Bills and Ordinances not considered or reported on by a Committee.

8. No person other than a member or an ex-Mayor shall be allowed to address the Board on any matter that may be before it, without the consent of a majority of the members present, nor to speak to or in any way interfere with a member while in his seat or on the floor of the chambers.

9. If any question under debate contains several points, any member may have the points segregated and acted upon separately.

10. When any question has been put and decided, any member who voted with the prevailing side may move its reconsideration, but no motion for the reconsideration of any question shall be made after the Bill, Ordinance or Resolution voted on shall have gone out of the possession of the Board. A question shall be reconsidered only at the meeting at which the vote thereon was taken, or at the next succeeding meeting; provided, notice of intention to reconsider shall have been given at the meeting at which said vote was taken; provided further, that when a Bill is put upon its final passage, and fails to pass, a motion to reconsider shall be voted on only at the meeting next occurring, after the expiration of twenty-four hours after the adjournment of the meeting at which said question was voted on. Only such questions are subject to reconsideration which result in the defeat or passage of a Bill, Ordinance or Resolution or amendment thereto, and no such question shall be reconsidered more than once; provided, however, that any member who voted with the prevailing side may, upon notice of intention to reconsider given by any other member voting with that side, move the reconsideration of the question.

11. A motion to refer or lay on the table until decided shall preclude all amendments to the main question. A motion to lay on the table or to postpone indefinitely shall require a majority vote of all the members of the Board.

12. It shall be the duty of the Clerk to issue such certificates as may be required by Ordinances or Resolutions, and transmit copies of said Ordinances or Resolutions, to the various departments affected thereby.

13. All accounts and bills presented shall be referred to the appropriate committee and acted upon by said committee and the Finance Committee before action is taken by the Board.

14. The President shall preserve order and decorum and shall decide questions of order, subject to an appeal to the Board.

15. A member, before speaking, shall rise from his seat and address the President. No motion shall be in order if made while the mover is seated or out of his place.

16. When several members rise at the same time, the President shall designate the member entitled to the floor.

17. No member shall speak on the same question oftener than once until all other members desiring to speak shall have spoken, nor oftener than twice without the consent of the Board, nor for more than five minutes without the per-

mission of the President; provided, however, the author of the Bill, Motion, Ordinance or Resolution shall have the right to close the debate thereon.

18. A motion shall not be put or debated until seconded. When seconded it shall be stated by the Chairman before debate and shall be reduced to writing upon the request of the President or any member.

19. After a motion has been stated by the President, it shall be deemed to be in the possession of the Board, but it may be withdrawn by the mover thereof, with the assent of the second, before it is acted upon.

20. Upon a call of the Board the names of the members shall be called over by the Clerk, and the absentees noted. Those for whom no excuses or insufficient excuses are made may, by order of those present, be sent for and brought to the chambers of the Board by the Sergeant-at-Arms or by special messengers appointed for the purpose. Proceedings under the call may be dispensed with by the vote of a majority of the members present.

21. When a question is under debate, no motion shall be entertained, except:

1st—To adjourn.

2d—Call of the Board.

3d—To lay on the table.

4th—The previous question.

5th—To postpone to a day certain.

6th—To commit or amend.

7th—To postpone indefinitely.

which several motions shall have a precedence in the order in which they are arranged.

22. A motion to adjourn shall be decided without debate.

23. The previous question until decided shall preclude all amendments to and debate on the main question, and be put in this form: "Shall the main question be now put?" It shall be carried by a majority vote of all the members.

24. Every member present when a question is put shall vote for or against it, unless the Board shall excuse him from voting, or unless he is interested in the question. But no member shall be permitted to vote upon a division unless present when his name is called in the regular order.

25. A member called to order for unparliamentary conduct or language shall immediately take his seat, and the Board, if appealed to, shall decide the case, but without debate. If there be no appeal the decision of the Chair shall be final. The question upon such appeal shall be: "Shall the decision of the Chair stand as the decision of the Board?"

26. After the Board has acted, the names of those who voted for and those who voted against the question shall be entered upon the Journal, not only in cases required by law, but when any member may require it; and on all Bills, Ordinances and Resolutions on final passage the ayes and nays shall be called by the Clerk and recorded.

27. All appointments of officers and employees shall be made by a majority of the members of the Board.

28. No member shall leave the Board during its session without permission from the President.

29. All committees shall be appointed by the Board, unless otherwise ordered by the Board. Committees shall report on any subject referred to them by the Board a statement of facts and also their recommendations thereon, in writing; and no report shall be received unless it is signed by a majority of the committee. Whenever a committee recommends that a contract be awarded to any one other than the lowest bidder thereon, said committee shall state spe-

cifically in its report its reasons for such recommendation. Unless otherwise ordered, a committee shall report upon all subjects referred to it within thirty days thereafter.

30. The Clerk shall prepare and cause to be printed and placed on the desks of the members on days of meeting, and immediately before such meeting, a calendar of matters to be presented to the Board at said meeting. Every petition or other written instrument intended to be presented to the Board must be delivered to the Clerk not later than 12 o'clock noon on Saturday, or on the day preceding the meeting; only the endorsement of such petition or instrument shall be read by the Clerk; provided, however, that upon the request of the President or of any member, its contents shall be read in full.

31. Upon adjournment the members of the Board shall not leave their places until the President leaves the chair.

32. Ten members shall constitute a quorum to transact business, and no Bill, Ordinance, Resolution or Amendment thereto shall pass without the concurrence of at least that number of members; but a smaller number may adjourn from day to day.

33. Except when otherwise provided by these rules, the Charter or law, a majority vote of the members present shall be necessary for the adoption of any motion.

34. On any question or points of order not embraced in these rules the Board shall be governed by the rules contained in Cushing's Manual.

35. It shall require a two-thirds vote of all the members of the Board to amend, suspend or repeal any of these rules.

36. In calling the roll the Clerk shall call only the surnames of the members, prefixing the word Supervisors to the surname of the Supervisor first called.

37. No smoking shall be permitted in the chambers of the Supervisors during the sessions of the Board.

38. The Clerk shall keep a record of all requests and instructions directed by the Board of Supervisors to any officer or Board of the City and County, and the action thereon of such officer or Board. The record of such request and instructions, until acted upon by such officer or Board, shall be read by the Clerk at each regular meeting of the Board of Supervisors.

(Rules approved and adopted October 22, 1900, by Resolution No. 975. Amended January 4, 1904, by Resolution No. 4275; January 8, 1904, by Resolution No. 4280; January 15, 1906, by Resolution No. 6890; January 28, 1907, by Resolution No. 742 (New Series), and October 29, 1907, by Resolution No. 1520 (New Series).

Mayor's Inaugural Address

At the induction into office of the Board of Supervisors on January 8th, 1908, His Honor, Mayor Edward R. Taylor, delivered his inaugural address as follows:

Gentlemen of the Board of Supervisors:—I but follow a custom to address some words to you about municipal affairs on this, the first time of your meeting. The people have shown great confidence in you in their election of you by large pluralities—a confidence I am sure that you will prove to be fully justified. Each one of you, I mistake not, is imbued with that civic virtue which will permit nothing less than subordination of every selfish interest to the best welfare of the city—a city which deserves the very best that we can give her. We have had a surfeit of incompetency and corruption, we have had nearly every calamity that can befall a city, and we are still distant from the restorations imperatively needed; yet with energy and intelligence you can do much toward the consummation so devoutly to be wished.

REHABILITATION OF CITY.

It must be kept in mind that the City stands precisely where so many of her citizens stood immediately after the fire; yet while those citizens went bravely and energetically to work to restore what was lost, and are now assiduously engaged in that work, the City has done almost nothing. It is true that a few school buildings are in course of construction, that a small part of the City Hall has been sufficiently rehabilitated for official use, and that the Hall of Records has been restored; but with these exceptions, the City's work of restoration still remains to be done. This is largely due to the fact that it will require a bond issue for restoration purposes, and this could not be brought about except by amendments to the Constitution and the Charter.

CHARACTER OF PUBLIC BUILDINGS.

It is to be hoped that the proceedings looking forward to the bond issue will be so speeded that work on the public buildings will be under way before the end of the year. The City in the matter of those buildings should do what her people are doing—making finer and better buildings than the ones destroyed. This municipality cannot afford, now that she has the opportunity of great things, of erecting any buildings except the very best—the best in architectural design, in soundness of construction, and in adaptability to purpose. Every building should proclaim on its face, in terms of the best architecture, the purpose to which it is devoted. It must be remembered that our public buildings are not for the present but for the future as well, and that hence an architecture for them must be adopted which will no more offend the eye a hundred years hence than it does now. Economy finds its place in such matters not in design, nor in those things cognate to design, but in the details of construction—in seeing that all contracts are faithfully carried out, and that the strictest honesty is enforced.

The Public Utilities Committee has made its report to your predecessors covering what in its opinion are the projects for which bonds are necessary, and that report has been filed for your information.

AUXILIARY WATER SYSTEM FOR FIRE PROTECTION.

By far the most important project is the system whereby the City will secure a sufficient auxiliary water supply; and for this system \$5,500,000 will be required. As the details of that system have not been made public, I deem it important to say something here about them.

The system in general will consist of a network of pipes of proper and sufficient size gridironing that part of San Francisco from the water front to Devisadero street, and out to Twenty-ninth street in the Mission. The pipes are to be of the best material so as to minimize the corrosive and galvanic action of salt water. This system of pipes will be arranged in units so that a small section, even as small as one block, can be cut out without impairing the efficiency of the rest. This is to be done through a device of gates and valves. It should be borne in mind that the whole system will be virtually a Fresh Water System, as the initial pressure in the pipes will be derived from a series of fresh water reservoirs as hereinafter described, and the pipes will, as far as possible, be kept filled with fresh water at all times. This general plan contemplates three distinct reservoirs, as follows:

One on Twin Peaks, consisting of twin reservoirs of 5,000,000 gallons capacity each, or a total of 10,000,000 gallons. These reservoirs are at an elevation of 755 feet.

One near the corner of Seventeenth and Ashbury streets, at an elevation of 530 feet, which will have a capacity of 600,000 gallons.

The third reservoir will be located on Clay street hill under one of the streets, and will have a capacity of 1,000,000 gallons.

All of these reservoirs are interconnected by double lines of pipes, so that the destruction of any one line of pipe will not deprive a reservoir of the feeding advantages from the other reservoirs. The full capacity of these supplies of water will be equal in amount to the continuous delivery of twenty of the City's ordinary steam fire engines for about sixteen hours; and, on account of the elevation of these bodies of water, will at all times maintain a very great initial fresh water pressure at the hydrants connected with the system. In fact, this pressure will, to a large extent, obviate the necessity of fire engines.

There are to be two fresh water pumping stations, one in the vicinity of Seventh and Harrison streets, and the other in the vicinity of Sixteenth and Folsom streets. It has been ascertained that there is an ample subterranean flow of water in these neighborhoods for all our purposes. These two pumping stations will keep the reservoirs filled with fresh water, and the pipes of the whole system will be kept filled with fresh water from the reservoirs. The capacity of these two fresh water pumping stations will be sufficient to supply 4,000,000 gallons a day, which will probably be more than ample to cover ordinary use or leakage.

The plan also contemplates two powerful salt water pumping stations, one to be located either at the foot of Van Ness avenue or at the foot of Polk street, and the other in the vicinity of Second and Townsend streets. These pumping stations are to be modern in every respect. Each station will be of sufficient size for the installation of machinery to pump 16,000 gallons a minute against the pressure of 300 pounds a square inch. It is proposed at this time to install at each station only sufficient pumping machinery to pump 10,000 gallons a minute, and this can be added to from time to time as the necessities of the city demand. These stations will be located on foundations of solid rock, and will be made as nearly earthquake and fireproof as possible. These stations will be so interconnected by pipes laid on solid ground that the destruction of an entire station will not seriously affect the usefulness of such parts of the system as may remain intact. These pumping stations will be kept under moderate steam at all times, and ready to pump salt water into the great distrib-

uting system, should fresh water, as above described, become exhausted or be put out of commission.

The estimates for the installation of the system include two powerful fire boats for the protection of the water front. The mains leading from the general system will be laid on seventeen of the water front wharves to the outer edge with openings, so that in case of necessity the fire boats can also pump directly into the general system, thus supplementing the supply from the fresh water reservoirs and from the permanent pumping stations.

The plan also includes a separate and independent telephone system connecting all the various pumping plants, fire boats and Fire Department stations.

The plan and estimates also include the construction of one hundred first-class re-enforced concrete cisterns in different parts of the City, where, on account of possible damage to the pipes by earthquake, the cisterns will be of the greatest use.

The City is now paying about \$3,800,000 annually for insurance, and our merchants are unable to secure more than half the insurance they need. It is estimated that the installation of this high-pressure system will save the City nearly \$1,000,000 a year in insurance premiums, so that this saving alone will in the course of five or six years pay for the whole plant. Furthermore, the completion of this plant will remove the scare with which some of the general managers at the home offices of the various insurance companies are now afflicted with reference to the potential conflagration hazard of San Francisco.

The plans for this admirable system have been worked out to the nicest exactness, so that little time need be lost, after the necessary money is secured by the sale of bonds, in getting to work.

Nothing has been proposed in any of the bond projects except that which is indispensably necessary.

PUBLIC PARKS.

As to Parks, the City, south of Market street, being almost destitute of them, the present is a great opportunity to provide for what is needed in that respect. Land for this purpose is cheap now, compared to what it will be before very long, for the City is steadily extending itself southward. Parks are indispensable breathing places in every large city, and now is the time to secure them for the southern part of San Francisco. The total amount proposed for this purpose is not large, and there can be little doubt that the voters will eagerly respond to such a plain necessity. The same can be said for the two playgrounds proposed for the southern part of the City. One has been secured at North Beach, and the money is in hand to pay for it.

The total proposed bond issue seems to be large, but the City has lost its all, and no smaller amount will meet the situation that now confronts us.

STREETS AND SEWERS.

It is hardly necessary to draw attention to the necessity of supporting the proposed bond issues for sewers and streets. These suffered to an extraordinary extent by the earthquake and fire, and restoration of them, together with new sewer work, is simply indispensable. As to streets, I should like to draw attention to the slipshod methods employed by us. We construct a pavement, and thereafter let it alone until it becomes a ruin, overlooking the fact that it begins to wear out as soon as it begins to be used. There should be methodical inspection of streets, and as soon as a rut, or a hole, discloses itself, work of repair should be immediate. Our way of tearing up streets for this purpose or for that, as has been usual with us, is not only wasteful, but highly discreditable. There should be large subterranean conduits for the housing of all wires; and were such provided, little or no tearing up of the streets would ever be necessary.

USE OF STREETS BY STEAM AND STREET RAILROADS.

Since the fire some of the streets of the City have been used by steam and street railroad companies, and are now being used by them to an extent which is at least questionable. How much of this use is legal and how much illegal should be accurately ascertained. To that end I recommend the passage of a resolution directing the Streets and Judiciary Committees, acting jointly, to ascertain the facts and the law in regard to this and to report their conclusions to this body.

For the first time since the fire the various departments of the City Government are fairly well housed. All of the Civil Courts, together with the Law Library, are in one building, and similarly will soon be the Criminal Courts.

PROGRESS OF CITY.

The City, under extraordinary difficulties, has made unexpected progress in rehabilitation during the year just passed, and there can be little doubt that even greater progress will be made during the present year. Let us see to it that the City does her share.

TRIBUTE TO RETIRING MEMBERS.

I cannot let this occasion pass without paying a just tribute to the retiring Board. When that Board came upon the scene a little more than five months ago the City's affairs were in a state of chaos, as a result of the corruption and incompetence of their predecessors. With a devotion, intelligence and energy never surpassed, they soon reduced the chaos to order, and brought the City's affairs to such wholesome condition that in a comparatively short time one could scarcely realize what the dreadful past had been. They have set an example which, if followed, will keep our City a shining mark set upon a hilltop. San Francisco owes each member of that Board a debt of gratitude which she can only in part pay by keeping the memory of their deeds perpetually green. As worthy successors of that Board, nine of whom succeed themselves, I heartily greet you at the threshold of your great opportunities, and dare not entertain a doubt that every expectation of you will be fully realized.

Water Rates Litigation

The report of the City Attorney published in this volume on pages 385 to 420 gives a full account of the status and progress of the litigation pending between the City and County and the Spring Valley Water Company.

In this connection the City Attorney refers to a resolution of the Board of Supervisors forfeiting the franchise of the Spring Valley Water Company because of its disregard of the provisions of the Ordinance fixing water rates for the years 1906-7. The resolution was as follows:

RESOLUTION NO. 812. (NEW SERIES.)

Whereas, The Spring Valley Water Company has persisted, in defiance of law, in collecting water rates in excess of those established by the Board of Supervisors under and pursuant to Ordinance No. 1775, entitled "Regulating the monthly rates of compensation to be collected by any person, company or corporation engaged in the business of supplying water to the inhabitants of the City and County of San Francisco for family use, for private purposes, for municipal uses and all public purposes of said City and County for the year commencing July 1, 1906, and ending June 30, 1907," passed March 19, 1906, and approved March 20, 1906; and,

Whereas, The Constitution of the State of California (Section 1, Article XIV) expressly provides that any person, company or corporation collecting water rates in any city and county, or city or town in this State, otherwise than as established under the authority granted by the Constitution, shall forfeit the franchise and water works of such person, company or corporation to the city and county, or city or town, where the same are collected, for the public use; and,

Whereas, In the investigation held before the Board of Supervisors, preliminary to establishing water rates for the year commencing July 1, 1907, the Spring Valley Water Company, through its duly accredited officials, testified under oath that said company was still collecting and is now collecting rates under the Ordinance of the Board of Supervisors passed and approved in the year 1902, in contravention of those established by the Board of Supervisors in the year 1906, as aforesaid; now, therefore, be it

Resolved, That the Board of Supervisors of the City and County of San Francisco declare, and it hereby does declare, that the Spring Valley Water Company has violated both the letter and the spirit of Section 1 of Article XIV, of the Constitution of the State of California, in refusing to obey the mandate of the Board of Supervisors by persisting in exacting and collecting in defiance of law, water rates in excess of those established by said Ordinance No. 1775, approved March 20, 1906; and further, that said Board of Supervisors hereby declares all franchises and water works of said Spring Valley Water Company forfeited for the public use, to the City and County of San Francisco, a municipal corporation.

And the Clerk is hereby directed to advertise this Resolution in the Evening Post Newspaper.

In Board of Supervisors, San Francisco, February 28, 1907.

Adopted by the following vote:

Ayes—Supervisors Coffey, Coleman, Davis, Furey, Harrigan, Kelly, Loneragan, Mamlock, McGushin, Nicholas O'Neill Phillips, Tveitmoe.

Excused from voting—Supervisors Boxtton, Gallagher, Rea, Walsh.

Absent—Supervisor Sanderson.

JOHN H. RYAN, Clerk.

WATER RATES LITIGATION

The above Resolution, No. 812 (New Series), not having been approved by His Honor, the Mayor, and ex-officio President of the Board of Supervisors, or returned to this Board with his objections thereto, within ten days of the date of presentation thereof, has become valid in accordance with the provisions of Section 16, Chapter 1, Article II of the Charter.

JOHN H. RYAN, Clerk.

San Francisco, March 12, 1907.

RESOLUTION REPEALED.

The foregoing resolution was subsequently rescinded by the adoption of the following:

RESOLUTION NO. 1210. (NEW SERIES.)

Resolved, That Resolution No. 812 (New Series), forfeiting the franchises and water works of the Spring Valley Water Company, in effect March 12, 1907, be and the same is hereby repealed.

And the Clerk is hereby directed to advertise this Resolution in the Evening Post Newspaper.

In Board of Supervisors, San Francisco, August 19, 1907.

Adopted by the following vote:

Ayes—Supervisors Booth, Brandenstein, Brenner, Center, D'Ancona, Faymonville, Molera, Murdock, Murphy, Payot, Rixford, Sachs, Stafford, Sullivan.

Noes—Supervisor O'Neill.

Absent—Supervisors Magee, McGushin, Tveitmoie.

JOHN H. RYAN, Clerk.

Approved, San Francisco, August 21, 1907.

EDWARD R. TAYLOR,

Mayor and ex-Officio President of the Board of Supervisors.

Water Rates

Proceedings of the Board of Supervisors in the Matter of Fixing Rates to be Charged by Any Person or Corporation Supplying Water to the City and Its Inhabitants for the Year Ending June 30, 1909.

WATER RATES.

The Board of Supervisors, pursuant to the requirements of the Constitution of the State of California, of the Act of the Legislature, approved March 7, 1881, and of Section 1, Chapter II, Article II of the Charter of the City and County and in compliance therewith, obtained statements from the corporations engaged in the business of supplying water during the year 1907, showing their receipts and expenditures and nature and character of properties, and after consideration and investigation, fixed the rates to be collected for furnishing water during the year commencing July 1, 1908, and ending June 30, 1909.

CONSTITUTIONAL PROVISIONS.

The following article of the Constitution of the State, adopted in 1879, and which went into effect on January 1, 1880, makes it the duty of the Board of Supervisors, in the month of February of each year, to fix the rates for the ensuing fiscal year, commencing on the first day of July, of compensation to be collected by any person, company or corporation engaged in the business of supplying water for the use of the City and County or its inhabitants.

ARTICLE XIV—WATER AND WATER RIGHTS.

Section 1. The use of all water now appropriated, or that may be hereafter appropriated, for sale, rental or distribution, is hereby declared to be a public use and subject to the regulation and control of the State, in the manner to be prescribed by law; provided, that the rates of compensation to be collected by any person, company or corporation in this State for the use of water supplied to any city and county, or city or town, or the inhabitants thereof, shall be fixed annually by the Board of Supervisors, or City or County, or City or Town Council, or other governing body of such city and county, or city or town, by ordinance or otherwise, in the manner that other ordinances or legislative acts or resolutions are passed by such body, and shall continue in force for one year and no longer. Such ordinances or resolutions shall be passed in the month of February of each year, and take effect on the first day of July thereafter. Any board or body failing to pass the necessary ordinances or resolutions fixing water rates, where necessary, within such time, shall be subject to peremptory process to compel action at the suit of any party interested and shall be liable to such further processes and penalties as the Legislature may prescribe. Any person, company or corporation collecting water rates in any city and county, or city or town in this State, otherwise than as so established, shall forfeit the

franchise and water works of such person, company or corporation to the city and county, or city or town, where the same are collected, for the public use.

Sec. 2. The right to collect rates or compensation for the use of water supplied to any county, city and county, or town, or the inhabitants thereof, is a franchise, and cannot be exercised except by authority of and in the manner prescribed by law.

The following section of Article XI of the Constitution, as amended in 1885, also granted the right to persons and corporations to use the public streets for supplying water or illuminating light to the inhabitants, on condition that the Legislature shall have the right to regulate the charges:

ARTICLE XI—RIGHT OF WATER AND GAS COMPANIES TO USE PUBLIC STREETS.

Section 19. In any city where there are no public works owned and controlled by the municipality, for supplying the same with water, or artificial light, any individual, or any company duly incorporated for such purpose under and by authority of the laws of this State, shall, under the direction of the Superintendent of Streets, or other officer in control thereof, and under such general regulations as the municipality may prescribe for damages and indemnity for damages, have the privilege of using the public streets and thoroughfares thereof, and of laying down pipes and conduits therein, and connections therewith, so far as may be necessary for introduction into and supplying such city and its inhabitants either with gas light or other illuminating light, or with fresh water for domestic and all other purposes, upon the condition that the municipal government shall have the right to regulate the charges thereof.

ACT OF LEGISLATURE.

The Legislature of the State, at the session of 1881, passed the following Act, providing for carrying out the objects of Article XIV of the Constitution, by imposing upon the Board of Supervisors the duty of requiring all persons or corporations engaged in supplying water to file statements in the month of January of each year, showing the names, residence and the amount paid by each ratepayer during the preceding year, the revenue derived from all sources, and an itemized statement of expenditures made for supplying water during the same time:

An Act to enable the Board of Supervisors, Town Council, Board of Aldermen or other legislative body of any city and county, city or town, to obtain data and information from any corporation, company or person supplying water to such city and county, city or town. Requiring such Board, Town Council, or other legislative body to perform duties prescribed by Section 1 of Article XIV of the Constitution, and prescribing penalties for the non-performance of such duties.—Approved March 7, 1881.

The People of the State of California, represented in Senate and Assembly, do enact as follows:

(Municipal Corporations to Fix Water Rates.)

Section 1. The Board of Supervisors, Town Council, Board of Aldermen or other legislative body of any city and county, city or town, are hereby authorized and empowered, and it is made their official duty, to annually fix the rates that shall be charged and collected by any person, company, association or corporation for water furnished to any such city and county, or city or town, or the inhabitants thereof. Such rates shall be fixed at a regular or special session of such Board or other legislative body, held during the month of February of each year, and shall take effect on the first day of July thereafter, and shall continue in full force and effect for the term of one year, and no longer.

(Annual Statement to be Made by Water Companies, etc.)

Sec. 2. The Board of Supervisors, Town Council, Board of Aldermen or other legislative body of any city and county, city or town, are hereby authorized, and it is hereby made their duty, at least thirty days prior to the fifteenth day of January of each year, to require by ordinance or otherwise any corporation, company or person supplying water to such city and county, city or town, or to the inhabitants thereof, to furnish to such Board or other governing body, in the month of January in each year, a detailed statement, verified by the oath of the president and secretary of such corporation or company, or of such person, as the case may be, showing the names of each water-rate payer, his or her place of residence, and the amount paid for water by each of such water-rate payers, during the year preceding the date of each statement, and also showing all revenues derived from all sources, and an itemized statement of expenditures made for supplying water during said time.

(Additional Statements to be Made by Water Companies, etc.)

Sec. 3. Accompanying the first statement made as prescribed in Section 2 of this Act, every such corporation, company or person shall furnish a detailed statement, verified in like manner as the statement mentioned in Section 2 hereof, showing the amount of money actually expended annually since commencing business, in the purchase, construction and maintenance, respectively, of the property necessary to the carrying on of its business, and also the gross cash receipts annually, for the same period, from all sources.

(Refusal by Water Companies to Make Statement a Misdemeanor.)

Sec. 4. Every corporation, company or person who shall refuse or neglect to furnish the statements mentioned in Sections 2 and 3 of this Act, or either one of them, or shall furnish any false statements in relation thereto, within thirty days after having been required or requested to furnish the same, as prescribed in Sections 1, 2 and 3 of this Act, shall be deemed guilty of a misdemeanor.

(Copies of Statements to be Made and Filed with the County Recorder.)

Sec. 5. Upon receiving the statements provided for in Sections 2 and 3 of this Act, the Board of Supervisors, Town Council, Board of Aldermen, or other legislative body shall cause a copy thereof to be made and filed in the office of the County Recorder of such city and county, or of the county wherein such city or town is situated.

(Water Rates to be Equal and Uniform—Proviso.)

Sec. 6. Rates for the furnishing of water shall be equal and uniform. There shall be no discriminations made between persons, or between persons and corporations, or as to the use of water for private and domestic, and public or municipal purposes; provided, that nothing herein shall be so construed as to allow any person, company, association or corporation to charge any person, corporation or association anything for water furnished them when by any present law, such water is free.

(Excess in Charging Rates Forfeits Franchise, etc.)

Sec. 7. Any person, company, association or corporation, charging or attempting to collect, from the persons, corporations or municipalities using water, any sum in excess of the rate fixed as hereinbefore designated, shall, upon the complaint of the said Board of Supervisors, Town Council, Board of Aldermen, or other legislative body thereof, or of any water-rate payer, and upon

conviction, before any court of competent jurisdiction, shall forfeit the franchise and water work of such person, company, association or corporation to the city and county, city or town, wherein the said water is furnished and used.

(Penalty to Supervisors for Neglecting to Enforce Provisions of Act.)

Sec. 8. Any Board of Supervisors or other legislative body of any city and county, city or town, which shall fail or refuse to perform any of the duties prescribed by this Act, at the time and in the manner hereinbefore specified, shall be deemed guilty of malfeasance in office, and upon conviction thereof, at the suit of any interested party, in any court of competent jurisdiction, shall be removed from office.

(Act in Effect.)

Sec. 9. This Act shall take effect and be in force from and after its passage.

CHARTER PROVISION.

The following provision of the Charter of the City and County of San Francisco, in effect November 23, 1907, empowers the Board of Supervisors to fix and determine by ordinance the rates or compensation to be collected by any person, company or corporation for the use of water, heat, light or power, and to prescribe the quality of the service.

ARTICLE II, CHAPTER II—POWERS OF THE SUPERVISORS.

Section 1—Sub. 14. To fix and determine by ordinance in the month of February of each year, to take effect on the first day of July thereafter, the rates or compensation to be collected by any person, company or corporation in the City and County, for the use of water, heat, light, power, or telephonic service, supplied to the City and County or to the inhabitants thereof, and to prescribe the quality of the service.

INVESTIGATION OF WATER RATES.

As preliminary to commencing the investigation of water rates for the year commencing July 1, 1908, and ending June 30, 1909, the Board of Supervisors adopted the following resolutions in order to procure the information necessary to enable it to act intelligently and fairly in fixing such rates:

Resolution No. 1713 (New Series) requiring statements to be filed by all persons, companies or corporations engaged in the business of supplying water to the inhabitants of the City and County.—Adopted December 16, 1907.

Resolution No. 1714 (New Series), directing the Board of Public Works to make an appraisalment of certain properties of the Spring Valley Water Company.—Adopted December 16, 1907.

Resolution No. 1715 (New Series), directing the Spring Valley Water Company to furnish an inventory of all its property actually used in supplying water to the inhabitants of the City and County.—Adopted December 16, 1907.

INVESTIGATION COMMENCED.

On February 3, Supervisor Johnston announced that the Board of Supervisors would meet on February 5, 1908, for the purpose of investigating the matter of fixing water rates for the year ending June 30, 1909, and pursuant to

said announcement the Board of Supervisors met on said announced date for that purpose.

The Board of Supervisors resolved itself into the Committee of the Whole and after concluding its session for that day made a report to the Board, by Supervisor Johnston as follows:

REPORT OF THE COMMITTEE OF THE WHOLE.

That it had commenced its investigation preliminary to the fixing of water rates for the year ending June 30, 1909, as required by law.

That it heard the testimony of A. H. Payson, president of the Spring Valley Water Company, relative to the properties of said company.

That certain statements and data had been filed by the Spring Valley Water Company and by others which had been considered by the Committee and designated as Exhibits number 1 to 10, inclusive.

On February 11, 1908, the Board resumed its sessions and after investigating as a Committee of the Whole reported as follows: That it had heard the testimony of A. H. Payson, president, and Cyril Williams, assistant engineer of the Spring Valley Water Company, concerning the income and revenue of its properties and that there had been presented statements and documents which were filed as exhibits and numbered from 11 to 24, inclusive.

The Committee recommended that the matter be closed and that the Committee on Water Rates be directed to report a bill fixing water rates for the year commencing July 1, 1908.

The report was adopted.

On February 17, two additional exhibits were filed and numbered Exhibits 25 and 26. Thereafter, on February 24, the Board of Public Works, under date of February 21, transmitted to the Board of Supervisors the appraisalment of the City Engineer of the property of the Spring Valley Water Company, which report is as follows:

APPRAISEMENT OF THE PROPERTIES OF THE SPRING VALLEY WATER COMPANY, PREPARED BY MARSDEN MANSON, CITY ENGINEER.

Board of Public Works, Bureau of Engineering.
San Francisco, Cal., February 18, 1908.

To the Honorable the Board of Public Works
of the City and County of San Francisco.

Gentlemen:—Resolution No. 1714 (New Series), approved December 17th, 1907, was brought to my attention after inquiry therefor in the latter part of January. This resolution directs that your honorable Board shall furnish an estimate of the value of the properties actually in use by the Spring Valley Water Company in supplying this city with water. In the absence of specific instructions and the means for a detailed examination I have herein undertaken to make the estimate above called for.

This estimate, which constitutes one of the factors in fixing rates at which water is to be supplied, has been based since 1901-1902 upon the very elaborate estimate made at that time under the direction of the Board of Public Works by City Engineer Grunsky. This estimate is as follows:

WATER RATES

	Amount.
1. Pilarcitos System	\$ 854,000.00
2. San Andreas System.....	1,153,000.00
3. Crystal Springs System.....	2,642,000.00
4. Locks Creek Aqueduct.....	368,000.00
5. Searsville System	143,000.00
6. Alameda Creek System.....	2,805,000.00
7. City Reservoir and Pipe System, including meters but not services	4,898,000.00
8. Property on hand, etc.....	31,200.00
9. Lake Merced drainage and dams.....	232,000.00
10. Pumping Stations.....	1,135,000.00
11. Real Estate, City Reservoir Sites.....	654,000.00
12. Other City Real Estate.....	955,000.00
13. Lands outside of San Francisco, exclusive of Lake Merced lands	4,565,500.00
14. Rancho Laguna de la Merced and contiguous property.....	1,927,100.00
15. Water rights, in addition to those included in land values....	810,000.00
16. For value, due to the fact that the business of the Water Company is established, at about 25 per cent of items Nos. 7, 11 and part of 10.....	1,400,000.00
17. Pipe and other material on hand and not included in above..	95,000.00
Total.....	\$24,667,800.00

Since that date the values have been estimated as follows:

1902.....	\$24,468,210.00
1903.....	28,024,309.00*
1904.....	24,672,212.00
1905.....	25,001,441.00
1906.....	25,450,320.00
1907.....	24,569,828.00†

Since the estimate of 1907 was accepted and acted upon by the honorable the Board of Supervisors, the following betterments have been submitted by the Spring Valley Company:

Real Estate, rights of way.....	\$187,412.53
Pipes, new construction.....	40,083.87
Service mains.....	25,636.71
Meters	72,917.86
New Pilarcitos main.....	6,186.25
Lake Honda drainage system to carry drainage past reservoir.....	8,494.00
Lake Merced drainage system.....	4,559.44
Vista Grande drainage system.....	9,860.40
Outside meters.....	342.15
Total	\$355,493.21

The item for rights of way, \$187,412.53, completes a very valuable and continuous right of way on solid ground from Ravenswood to the Lake Merced lands. This route avoids marsh crossings and ensures the stability of conduits on the peninsula system.

In addition to these expenditures, there was spent the sum of \$335,342.92 in general replacements, as follows:

* Includes estimated value of franchise and value due to the works being a going concern with connections to consumers.

† Reduction of \$880,492.00 probably due to damage by earthquake and remaining unrepaired in February, 1907.

WATER RATES

939

1. New San Andreas pipe line.....	\$152,494.71
2. Ocean View pumps.....	64,484.29
3. Ocean View pumps connecting San Andreas main with Lake Honda conduit	48,313.10
4. Precita Valley Pumps.....	12,603.21
5. City engine.....	1,830.77
6. General replacement account.....	55,616.84
	\$335,342.92

These expenditures and a portion of those given under the previous head must have been in part derived from the assessment of \$840,000.00, but should not be accredited to the value of the works for rate fixing purposes, as they were incident, so far as known, to damages by the earthquake of 1906. The Pilarcitos pipe line, estimated, with appurtenances, in 1902, at \$364,800.00 was so seriously ruptured that it was entirely abandoned. Owing to the excellent quality of the wrought iron in this pipe line it was not a total loss, and much of it has been reused in rehabilitating the works.

Item 2, Ocean View pumps, is the cost of installing two of the four Crystal Springs pumps at Ocean View. These pumps receive water under light pressure from the new San Andreas conduit and deliver it into the high level Lake Honda system. These pumps are at an elevation which also permits a gravity delivery from Crystal Springs mains into the same high level system.

Accepting the estimated value, approved by the Board of Supervisors in 1907, of \$24,569,828.00, and adding \$355,493.21 reported by the company for permanent improvements, the value of the works in use is estimated at \$24,925,321.00. This value is conditioned by the rate to be fixed by the honorable the Board of Supervisors, and includes no estimate of the value of the franchise nor of considerations of the going value of the works.

One other factor of moment which this office has not been able to consider is the value of the Alameda system as a permanent supply, which has only been brought out by continued use. These are matters coming directly before the honorable the Board of Supervisors, and can be considered in the light of values reported in 1903.

Respectfully submitted,

MARSDEN MANSON, City Engineer.

The following are the exhibits filed in connection with the subject-matter stated:

EXHIBIT NO. 1.

SHOWING RECEIPTS AND DISBURSEMENTS OF SPRING VALLEY WATER COMPANY FOR YEAR 1907.

RECEIPTS—1907

From water rents, private consumers.....	\$1,601,612.42
From Shipping	120,889.30
From Contractors.....	70,050.24
From City and County.....	78,008.37
	\$1,870,560.33
((\$97,754.09 of \$1,870,560.33 was for water furnished in 1906.)	
From other sources.....	\$ 62,218.25
	\$1,932,778.58

WATER RATES

DISBURSEMENTS.

Operating expenses.....	\$607,232.27	
Replacement	335,342.92	
Total	\$942,575.19	
Taxes	36,495.58	
Interest	718,540.00	\$1,697,610.77
		\$ 235,167.81
Paid on account of dividends declared prior to April, 1906.....		1,181.88
		\$ 233,985.93
Paid on account of permanent improvements.....		355,493.21

TAXES.

The only taxes paid in 1907 were second installment of 1906-7 amounting to \$36,495.58. The first installment of \$279,644.26—1907-8, by extension of time will be paid in the year 1908. Should taxes have been paid as usual we would have paid \$314,933.07.

PERMANENT IMPROVEMENTS SPRING VALLEY WATER CO.

Calendar Year 1907.

Real estate.....	\$187,412.53
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NEW CONSTRUCTION.

1. City pipe system.....		\$40,083.87
2. Service mains.....		25,636.71
3. Meters		72,917.86
4. New Pilarcitos—44-inch pipe line (Ingleside), total.....	\$10,586.25	
Less amount charged to operating expense.....	4,400.00	6,186.25
5. Lake Honda drainage system.....		8,494.00
6. Lake Merced drainage system.....		4,559.44
7. Vista Grande drainage system.....		9,860.40
8. Outside meters.....		342.15
Total		\$355,493.21

OPERATING EXPENSES SPRING VALLEY WATER CO.

Calendar Year 1907.

1. City pumps.....	\$ 33,214.40
2. Black Point pumps.....	19,051.82
3. Clarendon Heights pumps.....	21,249.94
4. Precita Valley pumps.....	25,816.60
5. Ocean View pumps.....	8,914.46
6. Millbrae pumps.....	706.74
7. Belmont pumps.....	42,867.14
8. Crystal Springs pumps.....	2,098.89
9. City reservoirs.....	23,146.00

WATER RATES

941

10. Lake Merced drainage system.....	7,895.76
11. San Andreas reservoir.....	10,687.04
12. Pilarcitos reservoir.....	2,675.85
13. Crystal Springs reservoir.....	14,010.89
14. Portola reservoir.....	60.94
15. San Andreas pipe line.....	8,473.73
16. San Andreas pipe line (Merced branch).....	230.70
17. Pilarcitos pipe line.....	6,518.78
18. Alameda Pipe line.....	15,394.44
19. Crystal Springs pipe line.....	10,713.28
20. Lock's Creek line.....	8,501.74
21. San Mateo pipe yard.....	5,819.92
22. Sunol filter beds expense.....	12,590.08
23. Pleasanton wells expense.....	9,984.78
24. Sunol aqueduct expense.....	4,283.08
25. Calaveras dam expense.....	816.35
26. Land expense.....	1,572.84
27. Telephone expense.....	6,220.95
28. Outside meter expense.....	369.93
29. Main repairs.....	21,134.47
30. Meter expense.....	21,470.19
31. Service connection repairs.....	35,537.77
32. Automobile account.....	11,559.90
33. Lobos Creek.....	912.50
34. Warehouse No. 1 expense.....	2,257.01
35. Warehouse No. 2 expense.....	144.76
36. Warehouse No. 3 expense.....	2,614.51
37. Shipping department.....	10,555.54
38. Engineers' department.....	34,298.99
39. Inspectors' department.....	22,550.02
40. Collectors' department.....	29,956.98
41. Bookkeeping department.....	18,483.45
42. Legal department.....	12,821.31
43. Contractors' & Builders' department.....	4,439.55
44. General salaries.....	39,419.84
45. General expense.....	17,020.29
46. Office expense.....	11,160.98
47. Water rate suit.....	49.99
48. Water rate suit (1907).....	1,069.15
49. Pleasanton wells suit.....	5,588.00
<hr/>	
Total operating expense.....	\$607,232.27

REPLACEMENT ACCOUNT SPRING VALLEY WATER CO.

Calendar Year 1907.

New San Andreas pipe line.....	\$152,494.71
Ocean View pumps.....	64,484.29
New Pilarcitos pipe line (Ocean View).....	48,313.10
Precita Valley pumps.....	12,603.21
City engine.....	1,830.77
General replacement account.....	55,616.84
<hr/>	
Total.....	\$335,342.92

WATER RATES

EXHIBIT NO. 2.

ASSESSMENT OF PROPERTY OF SPRING VALLEY WATER COMPANY
IN CITY AND COUNTY OF SAN FRANCISCO.

San Francisco, January 24, 1908.

Mr. John E. Behan,
Clerk of the Board of Supervisors,
70 Eddy Street, City.

Dear Sir:—The assessment of the property of the Spring Valley Water Company which is located in the City and County of San Francisco is for the years 1907-8 as follows:

Real estate.....	\$1,245,770
Improvements	645,180
Personal property.....	7,245,655
Total.....	<u>\$9,136,605</u>

Very truly yours,

WASHINGTON DODGE, Assessor.

EXHIBIT NO. 3.

ASSESSMENT OF PROPERTY OF SPRING VALLEY WATER COMPANY
IN ALAMEDA COUNTY.

Oakland, California, January 25, 1907.

Mr. John E. Behan,
Clerk Board of Supervisors, S. F., Cal.

Dear Sir:—In reply to yours of 23d, will say that the Spring Valley Water Co. assessment is as follows for the past assessment:

Real estate.....	\$ 356,700
Improvements	24,600
Personal property.....	4,099,800

Yours truly,

HENRY P. DALTON, Assessor.

By A. N. AITKEN, Deputy.

EXHIBIT NO. 4.

STATEMENT OF OPERATING EXPENSES OF SPRING VALLEY WATER
COMPANY FOR YEAR 1907.

San Francisco, California, February 27, 1908.

To the Honorable the Board of Supervisors,
City and County of San Francisco,
John E. Behan, Clerk.

Dear Sirs:—Enclosed please find a statement of operating expenses, which we request that you file as a part of Exhibit No. 4, in the matter of fixing the water rates for 1908-09, and that you call the attention of the Water Committee to the same.

WATER RATES

943

The statement shows, in detail, the actual operating expenses for the calendar year 1907, as compared with the estimate we have made of the corresponding expenses for the fiscal year 1908-09.

The figures for the calendar year 1907 are the actual necessary expenditures for that year. If they are possibly not fully self-explanatory, I desire to be called as a witness before the Water Committee or the Board of Supervisors for the purpose of explaining them in detail, as well as the estimated figures for the fiscal year 1908-09, or if preferred, I will give a written explanation of any item desired.

Very truly yours,

CYRIL WILLIAMS, JR., Assistant Engineer.
Spring Valley Water Co.

COMPARATIVE STATEMENT OF OPERATING EXPENSES SPRING VALLEY WATER COMPANY.

	Calendar year 1907.	Est. Op. Ex. for fiscal yr. 1908-09.
City pumps.....	\$ 33,214.40	\$ 33,400
Black Point pumps.....	19,051.82	20,000
Clarendon Heights pumps.....	21,249.94	21,400
Precita Valley pumps.....	25,816.60	28,000
Ocean View pumps.....	8,914.46	20,500
Millbrae pumps.....	706.74	2,030
Belmont pumps.....	42,867.14	48,800
Crystal Springs pump.....	2,098.89	1,650
City reservoirs.....	23,146.00	20,100
Lake Merced drainage system.....	7,895.76	4,800
San Andres reservoir.....	10,687.04	10,580
Pilarcitos reservoir.....	2,675.85	9,150
Crystal Springs reservoir.....	14,010.89	12,860
Portola reservoir.....	60.94	100
San Andres pipe line.....	8,473.73	2,410
San Andres pipe line (Merced branch).....	230.70	1,020
Pilarcitos pipe line (L. H. S. M.).....	6,518.78	1,000
Alameda pipe line.....	15,394.44	10,750
Crystal Springs pipe line.....	10,713.28	3,830
Lock's Creek line S. D. Aqued.....	8,501.74	5,680
Pilarcitos aqueduct.....	.....	750
San Mateo pipe yard.....	5,819.92	4,240
Sunol filter beds expense.....	12,590.08	6,700
Pleasanton wells expense.....	9,984.78	3,500
Sunol aqueduct expense.....	4,283.08	2,440
Calaveras dam expense.....	816.35	1,000
Land expense.....	1,572.84	2,490
Telephone expense.....	6,220.95	5,800
Outside meter expense.....	369.93	750
Main repairs.....	21,134.47	22,000
Meter expense.....	21,470.19	22,000
Service connection repairs.....	35,537.77	36,000
Automobile account.....	11,559.90	7,000
Lobos Creek.....	912.50	950
Warehouse No. 1 expense.....	2,257.01	3,000
Warehouse No. 2 expense.....	144.76	1,500

WATER RATES

Warehouse No. 3 expense.....	2,614.51	1,500
Suburban expense.....		3,600
Shipping department.....	10,555.54	10,500
Engineers' department.....	34,298.99	35,000
Inspectors' department.....	22,550.02	23,000
Collectors' department.....	29,956.98	30,000
Bookkeeping department.....	18,483.45	19,000
Legal department.....	12,821.31	20,000
Contractors' & Builders' department.....	4,439.55	4,500
General salaries.....	39,419.84	40,000
General expense.....	17,020.29	17,000
Office expense.....	11,460.98	17,000
Water rate suit.....	49.99	.....
Water rate suit (1907).....	1,069.15	.....
Pleasanton wells suit.....	5,588.00	.....
Totals.....	\$607,232.27	\$599,280
		say
		\$600,000

EXHIBIT NO. 5.

INVENTORY OF PROPERTIES OF SPRING VALLEY WATER COMPANY
USED IN SUPPLYING WATER TO THE CITY AND
COUNTY OF SAN FRANCISCO.

[Note—This inventory is substantially the same as was published in the Municipal Reports of 1904-5. The above exhibit is on file in the Clerk's office.]

EXHIBIT NO. 6.

BALANCE SHEET AND PROFIT AND LOSS ACCOUNT OF SPRING VALLEY
WATER COMPANY FOR YEAR 1907.

San Francisco, February 4, 1908.

A. H. Payson, Esq.,
President Spring Valley Water Company,
San Francisco.

Dear Sir:—We have audited the books of the Spring Valley Water Company for the year ending December 31, 1907, and are sending you under separate cover Balance Sheet and Profit and Loss Account for the year ending that date, prepared therefrom.

The balance at the credit of the Income Account for the year as shown thereon amounts to.....	\$291,533.53
Deducting therefrom the expenditure during the year on replacements which has been charged on the books against the account called "Capital Surplus" (and which represents the assessment of \$840,000 less replacement expenditures to date).....	335,342.92
Deficit after charging replacement expenditure.....	\$ 43,809.39

The statement submitted to the Board of Supervisors shows an excess of receipts over disbursements of.....	\$233,985.93
From which, however, there should be deducted first installment of 1907-8 taxes paid in January, 1908, which would have been payable in 1907, but on which an extension of time, until January, 1908, was allowed by legislative enactment.....	278,437.49
Making a deficit of.....	\$ 44,451.56

WATER RATES

945

From the above it will be seen that the results as shown by our accounts differ by less than \$650 from the amount reported to the Board of Supervisors, but the statement prepared for the Board of Supervisors has, in accordance with their requirements, been prepared on a basis of receipts and disbursements, whereas our statement has, in conformity with the accepted usage of all corporations, been prepared on the basis of income and expenditure.

Yours very truly,

PRICE, WATERHOUSE & CO.

SPRING VALLEY WATER COMPANY BALANCE SHEET, DECEMBER 31, 1907.

ASSETS.

Cost of Properties—			
Balance at January 1, 1907....		\$45,809,846.19	
Add expenditure during year:			
Spring Valley Water Company properties	\$355,493.21		
Suburban Company contracts..	4,864.80		
		360,358.01	
			\$46,170,204.20
Less:			
Credits during year.....		63,304.27	
			\$46,106,899.93
Taxes—			
Proportion of 1907-8 taxes chargeable to income of year 1908			160,354.88
Trustee of general mortgage gold bonds			10,849.49
Current Assets—			
Inventories of materials and supplies, horses, wagons, etc.	\$ 404,330.47		
Bills receivable.....	11,932.90		
Accounts receivable—consumers	72,247.71		
Accounts receivable — miscellaneous	28,915.79		
Cash in banks and on hand....	206,581.79		
			724,008.66
			\$47,002,112.96
LIABILITIES.			
Capital stock		\$28,000,000.00	
General mortgage 4 pct. gold bonds....		17,859,000.00	
Capital Surplus—			
Assessment of \$3 per share levied August 9, 1906.....	\$840,000.00		
Less:			
Replacements charged against same			
Year ending December 31, 1906..	\$240,040.00		
Year ending December 31, 1907..	335,342.92		
		575,382.92	
			264,617.08

Current Liabilities—

Bills payable	75,191.20
Accounts payable	2,786.32
Pay rolls.....	38,946.95
Accrued interest on bonds and unpaid coupons	81,720.00
Unclaimed dividends	11,296.43
Meter and other deposits.....	84,042.95
Taxes payable	320,709.76

614,693.61

Surplus Account—

Balance at debit Jan. 1, 1907.....	\$ 27,731.26
Excess of income over expenditure for year ending December 31, 1907, before charging depreciation or replacement expenditure of \$335,342.92 which has been charged to capital surplus as shown above (as per Profit and Loss Account attached).....	291,533.53

263,802.27

\$47,002,112.96

We have examined the books of the Spring Valley Water Company for the year ending December 31, 1907, and certify that in our opinion the above Balance sheet is correctly prepared therefrom, and represents the true financial position of the Company at that date.

PRICE, WATERHOUSE & CO.,

San Francisco, February 3, 1908.

Chartered Accountants.

SPRING VALLEY WATER COMPANY PROFIT AND LOSS ACCOUNT
YEAR ENDING DECEMBER 31, 1907.

Operating Expense—

Pumping stations.....	\$153,919.99
Reservoirs	58,476.48
Pipe lines.....	49,832.67
Main repairs.....	21,134.47
Service connection repairs.....	35,537.77
Meter expense.....	21,470.19
Filter beds, wells, aqueducts, etc.....	28,586.79
Warehouse and pipe yard expense.....	10,836.20
Automobile expense.....	11,559.90
Land expense.....	1,572.84
Telephone	6,220.95
Outside meter expense.....	369.93
Shipping department.....	10,555.54
Engineers' department.....	34,298.99
Inspectors' department.....	22,550.02
Collectors' department.....	29,956.98
Bookkeeping department.....	18,483.45
Legal department.....	12,821.31
Contractors' and Builders' department.....	4,439.55
General salaries.....	39,419.84
General expense.....	17,020.29
Office expense.....	11,460.98
Water rate suit.....	49.99
Water rate suit (1907).....	1,069.15
Pleasanton wells suit.....	5,588.00

\$ 607,232.27

WATER RATES

947

Taxes	293,593.90
Difference between book value and actual inventory of materials and supplies written off.....	4,710.27
Excess of cost of service connections over collections thereon	5,415.16
Balance net earnings before charging replacements carried down.....	1,005,893.53
	\$1,916,845.13
Interest on bonds: 4 per cent on \$17,859.00.....	\$ 714,360.00
Balance surplus for year before charging replacements carried to Balance Sheet.....	291,533.53
	\$1,005,893.53
Water sales.....	\$1,852,368.63
Rents	24,444.29
Interest	3,102.60
Suburban Company collections.....	24,304.24
Discount	1,882.53
Profit on operating Lake Merced silicon mine.....	1,157.36
Profit on sale of cement.....	1,026.27
Insurance recovered.....	4,914.20
Miscellaneous	3,645.01
	\$1,916,845.13
Balance net earnings before charging replacements brought down.....	\$1,005,893.53
	\$1,005,893.53

EXHIBIT NO. 7.

REPORT OF COL. W. H. HEUER, U. S. A., CHAIRMAN EXECUTIVE COMMITTEE OF THE FEDERATED WATER COMMITTEE, SAN FRANCISCO, CALIFORNIA.

REPORT NO. 3.

To the Executive Committee of the Federated Water Committee,
San Francisco, California.

Sirs:—It is well known that the existing water supply of San Francisco is deficient and that an additional supply is imperative. To meet these conditions the Federated Water Committee, at its first session, declared that, in its judgment, several things are necessary, among them: first, to obtain a fair and equitable appraisalment of the valuation of the Spring Valley Water Company's plant and properties as a basis upon which to establish an annual water rate for consumers, as provided by law, so as to enable the Water Company to have an income sufficient to pay its operating expenses, interest on its investment, taxes, and make such betterments as may be necessary to place its plant in proper condition to supply an adequate amount of water until such time as the city could acquire its own water supply; second, that the city ought to have an option to purchase the Water Company's plant at the appraised value within ten years, or some other specified time; third, that such appraisalment should not include property of the Water Company which may

not be necessary for its working plant but which may have been acquired by it in other counties to shut out competition or property which has fallen into disuse.

There appeared, by invitation, before the Executive Committee of the Federated Water Committee, Capt. A. H. Payson, president of the Spring Valley Water Company, who stated frankly to the Committee the financial and physical conditions of the Company, and afterwards submitted a letter to said Committee, enclosing copy of letter which he had submitted, under date of May 22, 1907, to the chairman of the Finance Committee of the Board of Supervisors. Capt. Payson was requested by the Executive Committee to submit, as far as practicable, terms and conditions on which his company might enter into negotiations with properly authorized persons for the sale of its property. After conference with the Board of Directors, he stated orally to the Committee that, in the absence of the consent of the stockholders, he could not fix a specific price at which the property might be sold, but suggested as a basis for negotiations and consideration that the Directors would be willing to recommend to the stockholders that the property be sold to the city for the face value of the bonds and stocks; that there be excepted from the sale the Lake Merced property, for which the Water Company would deduct from the purchase price \$4,000,000 and allow the city the use of the water in Lake Merced for a charge of four per cent per annum interest on \$4,000,000, until such time as the city no longer desires to use the water of the lake; and that the Water Company would also deduct from the purchase price the land value of any property which it owned not actually in use for a water supply and which the city would not require. A list of these properties, with their reported cost, is appended hereto; aggregate cost \$641,009.00.

The chairman of the Finance Committee of the then Board of Supervisors also, by request, appeared before the Executive Committee and, after being informed of the condition of the Water Company and of the desires of the Executive Committee, stated the difficulties in obtaining an appropriation for the city's water supply and of changing the rates from those already fixed, but promised to submit the matter to the Finance Committee and to the Board of Supervisors with favorable recommendation.

Recently a new Mayor and Board of Supervisors were placed in charge of the city's affairs. At a meeting of our Executive Committee, held August 2d, it was resolved that a committee be appointed to arrange a conference with the Finance Committee of the new Board of Supervisors, to lay the matter of water supply before it. A committee of one called on the chairman of the Finance Committee and, at the suggestion of the latter, petitioned, on August 3d, for a public hearing before the Finance and Public Utilities Committees of the Board of Supervisors. The petition was submitted to the Board of Supervisors on August 5th, and, it is believed, received consideration, but, up to the present time, no date has been set for the public hearing.

At all events, up to date, your Executive Committee has been diligent in getting information concerning the matters entrusted to its charge and has the honor to submit its conclusions for such action as the Federated Water Committee may deem proper.

The questions before us are these: What is a fair value of all the property of the Spring Valley Water Company?

Secondly, in case the city decides to purchase, is it advisable to eliminate the Lake Merced Ranch?

We have made no independent investigation in the field, but present to the Committee the values of the property placed upon it from time to time.

First: The testimony given by various expert engineers in the suit of the Spring Valley Water Company brought in 1903 in the United States Court.

Second: From official reports showing the value put upon the property by City Engineers in water rate investigations.

Third: From a printed report of the Chief Engineer of the Spring Valley Water Company, Mr. Herman Schussler, prepared after the disaster of 1906.

Fourth: From statements submitted by the Spring Valley Water Company.

Fifth: From outside sources.

From Copies of Court Records.

Mr. Grunsky's estimate (omitting franchise).....	\$25,524,389
Mr. Dockweiler's estimate.....	24,053,390
Mr. Desmond Fitzgerald's estimate.....	22,736,643
Mr. Schussler's estimate	51,500,000
Mr. Rudolph Herring's estimate.....	46,000,000
Mr. Schuyler's estimate.....	46,000,000
Mr. Adam's estimate (variable—three estimates—lowest).....	35,634,397

The face value of the bonds and stocks of the company is said to be \$31,859,000
 Present market value, based on stock at \$20 and bonds at \$83 is.... 20,422,970

City Engineer's Estimate to Board of Supervisors.

In 1904.....	\$24,673,212
In 1905.....	25,001,441
In 1906.....	25,450,327
In 1907.....	24,569,828

In 1877 the city offered to purchase the property of the Spring

Valley Water Company Peninsula System for the sum of.....	\$11,000,000
Betterments made (Schussler) 1877 to 1900.....	14,932,485
Alameda System bought in 1875.....	1,000,000
Betterments (Schussler) 1900 to 1905.....	3,402,454

\$30,334,939

The latter amount represents valuation, as determined above, in 1905, without considering any variation in value of estimate since 1877.

The aggregate of fourteen above estimates.....	\$433,760,536.00
Average	30,982,895.43

The amount thus deduced, viz., \$30,982,895.43, was obtained by attaching equal weight to each of the fourteen estimates above referred to and taking a mean or average of all of them. This, it was thought, would afford a reasonably close approximation to the value of all the property owned by the Spring Valley Water Company, including that at Lake Merced, which had not been offered for sale.

Twelve of the estimates used in the above calculation were made before the fire and earthquake of April 18, 1906.

In consideration of the estimates taken before the fire, it cannot be now overlooked that the Spring Valley Water Company suffered in common with most other property owners by direct and indirect injury.

The blow given to the city is reflected by all its public service corporations. Consumers have been reduced in number and others have taken up new locations, rendering useless many of the old service connections in the burned district; pipes have been broken and mains have been ruptured.

'Pilarcitos conduit, which for a considerable portion of its length is crossed by the fault line, was, from such portion broken, telescoped, collapsed, pulled apart, and damaged beyond possibility of economical repair. The San Andreas conduit was broken where it crossed the head of the Baden Marsh. Several

stretches of the Crystal Springs conduit were injured. At Baden Marsh the pipe was ruptured in many places and long sections were thrown from the trestle and a great length of the trestle was broken down. Examinations disclosed that some of the timbers were decayed. The distributing mains were injured in many places. Those from College Hill and University Mound Reservoirs were completely severed and those from Lake Honda badly damaged." (Report of Committee on Water Supply to the Committee on Reconstruction of San Francisco, May 26, 1906. Signed by C. H. McKinstry, Engineer Corps, U. S. A.; Thomas P. Woodward, City Engineer; and Messrs. Bogue, Marx, Hunt, Duryea, Manson and Brown.)

The fault line ran through the center of the San Andreas and Crystal Springs Reservoirs, causing some damage to the upper Crystal Springs dam and by reason of this partial destruction causing the abandonment of the Pilarcitos thirty-inch pipe line.

The total distance of destroyed bridges and broken pipes in the valleys was 2,850 feet. Lake Honda Reservoir was damaged by the earthquake, cracking the heavy western wall. (See the report on the Water Supply of San Francisco, by Herman Schussler, Chief Engineer Spring Valley Water Company, July 23, 1906.)

These reports, when examined, show not only considerable actual damage, which has since been in part repaired, but they reveal the potential danger to a water system whose main reservoirs in San Mateo County are traversed by the earthquake fault which may, at any time, cause serious injury.

The market or selling price of the securities, bonds and stocks of the Spring Valley Water Company has declined since the disaster, which, perhaps, indicates, to some extent, the measure of the damage done to the property by the disaster.

In January, 1906, I. W. Hellman, syndicate manager, who had agreed to purchase the bonds at \$93, sold them to the public in large blocks at \$98. They are now selling at \$83, or a decline of fifteen points, which represents a shrinkage of \$2,678,850. Likewise the stock, which was selling before the fire at 37 $\frac{3}{4}$ dropped to 20, representing a decline of 17 $\frac{3}{4}$ on the 280,000 shares, or \$4,970,000, or a total depreciation in the property, so far as the market value of the securities is concerned, of \$7,648,850.

Since the disaster, an assessment of three dollars per share has been levied and collected amounting to \$840,000, a large part of which has been, presumably, used to repair damage.

In the estimate of \$30,982,895.43, as an approximate appraisalment of the value of the Spring Valley Water Company's plant and properties, twelve of the estimates used and having been made prior to 1907 did not take into consideration any loss by damage through the earthquake and fire to the company's property. This should be considered and the only estimates we have of said loss is contained in an estimate by the City Engineer in 1907, in which the loss is estimated at \$1,250,000 and which is partly offset by betterments made since then, estimated by him at \$369,501, or a net loss of \$880,499, also by an assessment amounting to \$840,000 levied on the stockholders and by the shrinkage in the market value of the stocks and bonds. If the estimated loss, viz., \$880,499, be deducted from each of the twelve estimated values before the fire and there be added to that result the other two estimates made after the fire, viz., City Engineer's estimate of 1907, \$24,569,828, and market value of stocks and bonds (stock at \$20; bonds at \$83), \$20,422,970, the result is \$423,194,548, which represents an aggregate of fourteen estimates of valuation reduced to an after-fire basis, from which an average valuation of \$30,228,182 is obtained.

In the appraisalment thus resulting the lowest market value of the stock and bonds was again used as one item in determining valuation. The stocks fluctuate and certainly do not determine the actual value of the property. If

the item referred to be omitted from the calculation, the average estimated value of the property, based on the other thirteen estimated items, becomes \$30,982,429.

It is evident from an examination of eleven estimated values of the property, varying between the extreme limits of \$51,500,000 and \$22,736,643, made by competent engineers, that it is difficult to fix an actual valuation on this property. Dozens of combinations of these estimates, in groups of twos, threes, or a larger number can be made, and an average of each combination taken will result in many different valuations of the property.

It is believed to be the fairest method to take all the estimates herein used into consideration. The average thus obtained lies between thirty and thirty-one millions of dollars, which is slightly less than the terms which the Water Company tentatively suggested.

From testimony offered in court, it is difficult, perhaps impracticable, to ascertain the value of the Lake Merced property. Estimates were made but were so tied up with other items, such as water rights, catchment areas, lands, pumping plants and other properties not itemized, that a separate valuation of the Merced properties is difficult to obtain.

In his report of 1903, Mr. Grunsky, City Engineer, estimates the value of Lake Merced property at \$2,572,293.

Mr. Woodward, City Engineer, in 1907, estimates it at \$2,702,979, plus \$3,000.

It is said that a real estate firm in this city has estimated the value of the property at \$13,000,000 to \$16,000,000.

The Lake Merced system supplies about three and one-half million gallons per day, or about 10 per cent of all the water furnished the city. The average present daily supply is nearly thirty-five millions of gallons, and this is believed to be about the existing capacity of supply of the Spring Valley Water Company. It is barely sufficient for present demand. Colonel Mendel, in his exhaustive report of 1877, estimates that by an expenditure of \$6,836,200 the Alameda system may be developed so that the company can furnish about eighty million gallons per day, and that said amount is about the ultimate limit of the water resources of the company.

In a paper recently prepared by Mr. Schussler for the Commonwealth Club, of San Francisco, it was stated that the Alameda system can be developed to produce a reliable yield of between seventy and seventy-five million gallons per day; that the Peninsula system by taking in the San Gregorio and Pescadero watershed, by raising its Crystal Springs dam and obtaining additional water from the Purissima, Lower Pilarcitos and Locks Creek, can be developed so as to furnish a daily supply of forty-five millions of gallons. This would aggregate an average daily supply of one hundred and ten to one hundred and twenty millions of gallons. This would suffice for the requirements of about one million people. Professor Marx estimates that this population may be reached about the year 1940.

Additional water must eventually be obtained from other sources, probably from the Sierras. To bring this water to the city may take ten years of time; the city is growing; in ten years its water requirements will probably amount to fifty-two million gallons per day. This additional supply or increase for economical reasons will probably come from a development of the San Antonio Creek country in Alameda County. From information furnished by the Chief Engineer of the Spring Valley Water Company it has been roughly estimated that this locality with an expenditure of about one million dollars will, after one year's time, furnish about ten millions of gallons per day. If more than this is required, the Arroyo Valley may be developed at an estimated cost of a little more than two or two and one-half millions of dollars, and it will furnish about twenty millions of gallons per day.

Calaveras Creek may also be developed at an expenditure of between ten and eleven millions of dollars, and will furnish an estimated daily supply of thirty million gallons. At present this development is not deemed advisable for the following reasons: 1st, That it will take at least three years to build the dam, or before any water from that source can be supplied; 2nd, There is a question to be determined as to the legal rights of the Spring Valley Water Company to a part of its water resources in Alameda County; 3rd, Uncertainty as to whether or not at reasonable expense a satisfactory foundation can be obtained for the proposed high dam in the Calaveras watershed; 4th, The reported lowering of the water table in Alameda County by the drafts made upon its subterranean waters.

To get water from the San Gregorio and Pescadero on the Coast will cost more, and on account of numerous tunnels will take longer than to obtain it from Alameda County.

Unless the city purchases or acquires the Spring Valley Water Company system, it is probable that none of the Alameda County properties will be developed. This system now supplies the city with about fifteen millions of gallons per day. The supply from the Peninsula system is at present only capable of furnishing about twenty millions of gallons per day.

Immediate action is believed to be necessary. To postpone needed extensions to the present water works system is dangerous. The present owners allege that because of a lack of funds they cannot extend the system. Provisions must be made at once to increase the water supply from thirty-five million gallons per day to fifty or sixty million gallons per day, and steps should be taken to secure an ultimate supply of not less than 200 million gallons per day.

The question of water supply for this city has been fully discussed before the Commonwealth Club of San Francisco, and the final report of its Section of Social Welfare is as follows:

Resolution, April 10, 1907.

“Whereas, A pure and abundant supply of water is an imperative necessity for San Francisco and its neighbor cities; and whereas, the public is not in possession of sufficient information to decide wisely between the different sources of Sierra supply; and whereas, the two Sierra projects favored by the present and preceding city administrations have been complicated with irrelevant questions; and whereas, it is important that the people be assisted in their choice by competent and unbiased authority; be it

“Resolved, That the Commonwealth Club advises and requests that the Board of Supervisors reappoint the Board of Engineers to which the examination of water projects was committed last year and that this Board be instructed to determine: First—The source of water supply in the Sierra Nevada Mountains that will, at the least cost, and in the shortest time, provide the best and most eligible supply to meet the present and future needs of San Francisco, with a possible addition of Oakland and Alameda. Second—The best route on which to bring the water to this city. Third—The best and most economical plan for securing a distributing system.”

The above resolutions cover the whole ground. In the above recommendations, with the exception that the investigation should include only the San Francisco supply, we heartily concur.

Besides a Sierra supply, we believe we must have the Spring Valley system. It has been shown how a valuation of between thirty and thirty-one millions of dollars for the system was obtained as an average of fourteen different estimates, which include those of the company's experts and which appear large.

As to the Merced Ranch, within the city limits, from which three and one-half million gallons of water, of questionable purity, is drawn daily, it may be regarded as an emergency supply. In case of pipe breakage it might serve as a temporary supply, and to that extent only is valuable as a source of water.

Should the city acquire the Merced Ranch, it could, under a Charter amendment, resell the land in subdivisions after first having created park drives and open spaces, and protecting by dike and bulkhead the lake waters from surface seepage; the lake itself is fed by subterranean springs.

As San Francisco is deficient in suburbs, this large acreage within the city limits, should not be excluded from settlement. Such a plan as this could be entertained after the city had secured a Sierra supply.

We have given the average value of the whole based on various estimates.

The market value of the bonds (at \$83) and the stock at \$20, amounts to \$5,600,000 for the stock and \$14,822,970 for the bonds, or a total of \$20,422,970.

It is safe to say that should an attempt be made to buy all the stock, its price would rapidly appreciate. On the other hand, should the city not purchase the Spring Valley Water Company's properties, but construct its own works and distributing system, the market value would show still greater depreciation. The bonds yield 4 per cent interest on par and mature in 1925. There are \$17,859,000 issued out of \$28,000,000 authorized. On December 31, 1905, sufficient bonds were underwritten at \$93 to take up the old bonded indebtedness of \$14,500,000, and other bonds have been sold at about the same rate. Due to the condition of the money market and to the late disaster, in which the Spring Valley Water Company's property was considerably damaged, the stock fell to \$20 and the new bonds to \$83. At \$80 they would yield 5 per cent.

The property of the Spring Valley Water Company has actually depreciated in value because it is not able to furnish as much nor as pure a supply as it was before the disaster, and the weak spots of the system have been exposed. It is only entitled to a return upon its value, whatever be the cause of depreciation. That is one of the ordinary risks of ownership. When it rehabilitates its plant it will be entitled to a return on the increased value of its property. So when stockholders, as in this case, assess themselves, they add value which should yield revenue.

Private individuals have suffered loss by reason of the late disaster and have begun uncomplainingly to restore their property. They are not insured an income by law, but they may profit by a speculative advance.

Unlike private property, however, quasi-public property, invested with a public use, is practically barred from speculative advances, and if the property suffers injury, the stockholders should restore it with a guarantee that they will receive interest on their new investment.

The Courts have held: "The cost of the system cannot be used as a basis for fixing rates, but only its present value."

The cost of the system is presumably represented by the stocks and bonds. These are selling below par; that is to say, the public is unwilling to buy the property at its cost.

The peculiar character of quasi-public property subject to regulation certainly affects its value. But its character is stamped on it by the Constitution and it has no other character. If private citizens choose to deal in so essential a commodity as water, and subject their investments to constitutional limitations, they cannot complain.

No one will buy property which has no speculative value and whose income is determined by interested third parties.

All these considerations tend to keep down the value of the property of a water company under the laws of the State of California and almost compel municipal ownership.

WATER RATES

We recommend that at the best figure obtainable the city authorities by negotiation agree upon a price with the company, for all or such portion of said property as may be desired and at that price an option to purchase for five years be immediately secured, and that thereafter a bond election be ordered by which the citizens may have an opportunity to vote.

Very respectfully,

W. H. HEUER,
Chairman Executive Committee.

EXHIBIT NO. 8.

REPORT OF THE PRESIDENT OF THE SPRING VALLEY WATER
COMPANY, SAN FRANCISCO, CALIFORNIA, MADE TO THE
STOCKHOLDERS AT THEIR ANNUAL MEETING,
JANUARY 8, 1908.

San Francisco, January 8, 1908.

To the Stockholders of the Spring Valley Water Company.

The date of the annual meeting comes too soon after the close of the calendar year to permit of a proper preparation of our financial reports, and it is proposed to change this date for the coming year to some time in March, which will enable us to present to the stockholders more complete information, with the additional advantage that we shall also be informed as to the action of the Supervisors upon the rates for the coming year.

The receipts for water rates during the year 1907 were:

From water sales.....	\$1,870,560.33
From other sources.....	62,218.25
Total	<u>\$1,932,778.58</u>
The figure of.....	\$1,870,560.33
Includes for delinquencies from 1906.....	97,754.09
Making the actual receipts from sales of water in 1907.....	<u>\$1,772,806.24</u>
We are, however, carrying forward delinquencies from 1907 of.....	72,247.71
Of which probably the greater portion is collectable, making income from water sales of 1907.....	\$1,845,053.95
Receipts from other sources.....	62,218.25
Total	<u>\$1,907,272.20</u>
The normal operating expenses were.....	\$ 607,232.27
And abnormal expenses, due to replacement and adjustment of the works to meet the changed conditions since the disaster of April 18, 1906.....	335,342.92
Total	<u>\$ 942,575.19</u>
To which should be added taxes paid and accrued.....	314,933.07
Coupon interest.....	718,540.00
Making the total expenses for the year.....	<u>\$1,976,048.26</u>
Deducting the revenues of.....	1,907,272.20
Leaves a deficit for the year of.....	<u>\$ 68,776.06</u>

If we add to the abnormal operating expenses, as above, amounts expended during the preceding year for replacement and reconstruction, we bring the total of expenditures under this head since April 18, 1906, to \$571,751.13.

This abnormal operating expense for the year of about \$335,000.00 is mainly due to the establishment of the new pumping station at Ocean View and the removal of the Pilarcitos pipe line to its new location and service as an addition conduit from the San Andres reservoir.

This work, while permanent in character, has practically been made necessary for the repair of the damage caused by the earthquake and the readjustment of the works to the new conditions which arose in the city as a result of that catastrophe. They cannot, therefore, be considered as capital improvements, and this brings us to the necessity which has always existed, though it has never been recognized by the Supervisors, for a depreciation account. A proper allowance for depreciation is something to which the company is justly entitled, as is settled by the uniform rulings of the courts in cases of public service corporations and by the practice of the Interstate Commerce Commission as regards railways. An effort will be made to present this matter in its proper light before the present Board of Supervisors and to secure from it a proper allowance hereafter for this purpose.

The expenditures for the year for new construction, mainly improvements of the city distributing system, have been, \$168,080.68; for lands and rights of way, \$187,412.53.

There has been a gratifying increase in the business of the company. On December 31, 1905, we had 53,113 rate-payers. After April 18, 1906, this number was reduced to 29,931. On December 31, 1906, this number had increased to 37,538, and on December 31, 1907, there were 47,295, or, in other words, a gain for the year of 9,757.

It is true, however, that the increase in the company's income has not been at all commensurate with this increase in the number of its rate-payers, as it has been largely made up by small consumers.

An illustration of this fact:

The number of bills of \$1.00 or less on December 30,	
1905, was.....	4,743
On December 30, 1907, it was.....	8,367

Price, Waterhouse & Company, chartered accountants, were engaged to open new books for the company, and bring its system of money and property accounts in line with modern methods. These books, with a balance sheet certified to by Messrs. Price, Waterhouse & Company, are now in use, and the results of the change will doubtless be found of benefit both to the company and the city, in its investigations into the company's affairs.

In June, 1907, the testimony in the three rate cases was closed. This testimony amounts to some 7,000 typewritten pages. Since that time the attorneys for the company have been busy preparing the opening brief for the Court.

In May the company commenced another action to prevent enforcement of the ordinance establishing rates for 1907-1908. In June a preliminary restraining order was granted by the Court, which order is now in force. The defendant has not yet answered to the complaint, and the order to show cause why an injunction pendente lite should not issue has been continued from time to time and is now set for February 3, 1908.

In March, 1907, the Board of Supervisors passed an ordinance by which they attempted to forfeit the works of the company. In August this ordinance was rescinded.

The completion of the sale of the Spring Valley Building has been delayed by a suit brought by the former tenants, the City of Paris Company, to enforce

its contention that the old lease had not been voided by the earthquake and fire.

This litigation resulted in a sweeping decision in favor of the company in the lower court, but the case has been appealed, and pending the final decision we cannot claim the payment of the balance of the purchase price.

Expenditures for new construction during the year have been mainly confined to rights of way and land purchases, but we have felt called upon to make certain extensions to the city pipe system at the request of the Fire Department.

The private right of way for pipe lines, avoiding the marsh crossing at Baden and the low-lying country road to the north, which we had for many years been attempting to secure, but which had been abandoned temporarily on account of the exorbitant demands from the land-owners, has been finally obtained. The earthquake demonstrated the necessity of this, and it would have been a fatal mistake to use the old defective location for the new San Andreas conduit, designed to replace the Pilarcitos pipe line. A change which was adopted in this right of way without impairing its security has facilitated matters with the land-owners, and, though expensive, the purchases have been completed without our being compelled to yield to exorbitant demands.

This completes a private right of way, with a minimum width of eighty feet, from a point on the County road south of Baden crossing to the Lake Merced Ranch. This right of way offers the best and safest route for all conduits which may hereafter be required to bring water into San Francisco along the Peninsula from the south.

We have also practically completed the purchase of a private right of way from Ravenswood, where our pipe lines cross the bay, to Belmont, and for greater security have widened by purchase of additional land, existing rights of way across the Baden and Dumbarton Point marshes.

As previously reported the replacement of the Pilarcitos pipe line being impracticable, it has become necessary to drop the water of Pilarcitos into San Andreas, and for the utilization of this additional supply from San Andreas, it was also necessary to enlarge the conduit from that reservoir by an additional pipe line. This new pipe line has been mainly built by moving old Pilarcitos pipe to the new location, as it was found that most of this material, though it had been forty years underground, was still in excellent condition and adequate for many additional years of service.

Work on this new pipe line was materially delayed by negotiations for the new right of way above described, and was suspended during August, under circumstances which will be explained later, but resumed at the request of the city authorities, and the water finally turned on September 29th, bringing our total conduit capacity as far as the city pumps to something over 40,000,000 gallons daily.

In the last annual report mention was made of our having transferred the old San Andreas pumps to Seventeenth and Harrison streets, as an emergency measure to enable us to transfer water within the city limits from the San Andreas to the Pilarcitos levels, and so make up in part the loss of the Pilarcitos pipe line.

It was understood that we could not permanently occupy this location, and a lot in the neighborhood was purchased as a site for a modern pumping plant, which will always be needed in this location. This measure was undertaken within the first few days after the earthquake, and it was impossible then to foresee the conditions which have since arisen, under which the consumption of the higher levels has increased so rapidly that it became necessary almost immediately to supplement these old San Andreas pumps by an additional pump hastily ordered in San Francisco, bringing the total capacity of this plant to 6,000,000 gallons daily.

There has been considerable complaint, which is natural, at our occupation of a portion of this public square by these pumps. Unfortunately, the demands of the

city absolutely prohibit the discontinuance of this service until the new pumps have been established to serve the same purpose, and it would be impossible to effect the removal piecemeal, as the existing plant is continuously taxed to its utmost capacity. A new plant would cost in the neighborhood of \$150,000. The company is not able to undertake such an expenditure, and it would certainly be poor policy, both from the point of view of the city and the company, to devote money to such a purpose in the face of other more urgent demands. We were notified early in the spring to remove this pumping plant by the Park Commissioners, but upon full representation of the above facts to these gentlemen, they decided to take no further steps for the present.

Early in the spring, it became evident that these pumps would not meet the rapid increase in the high level consumption during the period in August and September when it reaches its maximum. It was, therefore, decided to move two of the four Crystal Springs pumps, which have been used at the Crystal Springs dam for pumping from that point to the San Andreas level, to a site upon the Lake Merced Ranch. This work after being undertaken, was pushed as rapidly as possible, the new pumps with their boilers being installed in the old Ocean View pumping house, which was moved from its former location to another point on the Lake Merced property, selected at a level which could be reached by gravity from Crystal Springs. These pumps were arranged to receive the supply from the new San Andreas conduit, and it was also necessary in this connection to install a new force pipe to the top of Daly's Hill and conduit from that point across the Southern Pacific and Ocean Shore tracks to a junction with the Lake Honda system. As the result showed, this work was undertaken none too soon.

On June 14th, the Lake Honda reservoir began to fall below its normal storage of about 33,000,000 gallons—that is to say, one day's supply for the city. Storage in Lake Honda is absolutely essential to the fire protection, which is endangered as soon as the daily use from this reservoir exceeds its supply. In spite of all our efforts, the storage had fallen to 15,000,000 gallons on August 1st, when notice was served on the Fire Department and the public of this serious condition of affairs. On August 4th, it was found necessary to shut down the pressures as far as possible in the high level districts, and watchmen were placed by the Fire Department with instructions to restore these pressures by opening the gates in case of an alarm of fire. In spite of this and drastic measures which were heartily co-operated in by the city authorities for diminishing waste, the storage had dropped to seven and one-half millions of gallons on August 15th. Meanwhile, work was being pressed with all possible energy upon the Ocean View pumps, and they were finally started August 17th, which relieved the city from the imminent danger to which it had been exposed. On September 5th the storage in Lake Honda, through the operation of these pumps, was restored to the normal.

In this connection, it is a fact which we think is little understood and appreciated by the public, that no city in the world is supplied with water under such high pressure and at such high levels as San Francisco. The case is further complicated by the fact that the high level districts are not together, but in detached positions within the city limits, necessitating the conveyance of high level water through low level districts and other complications. These conditions have been considerably accentuated by the results of the earthquake, and the movement of the population to cheap locations upon the hills previously unoccupied. The actual proportion of water pumped varies somewhat, as we bring more or less from the Crystal Springs reservoir, but it has been thought good policy to save this storage as much as possible by using Alameda Creek supply to its full capacity, which otherwise would run to waste. The result is that we are now pumping over 90 per cent of the water used in San Francisco, against pressures varying from 300 to 500 feet and to elevations up to 600 feet above tide. Owing to the necessity for pumping some of the water

twice, it has lately been the case that the actual amount pumped in gallons exceeds daily the total consumption of the city.

While the rates were under consideration in February last, a letter was written in behalf of the company to the Finance Committee of the Supervisors, asking for a return to the old hydrant rate of \$5.00 per month for those in use. In this letter it was stated that the company by continuing work on the new San Andreas pipe line and the Ocean View pumps, was facing a considerable deficit, which it would be necessary to meet by borrowing money, unless some additional income could be obtained from the city; and further, that unless additional revenue could be obtained, it was the intention of the company to abandon this work, the reason given being that the stockholders could not be expected to invest additional money in the plant until there was some prospect of returns upon the investment which they had already made. This additional appropriation for hydrants was not asked for the purpose of securing any return to the stockholders during the coming year; but simply to enable them to meet, without borrowing, the extraordinary and abnormal operating expenses rendered necessary by these emergency measures for the supply of the city. This application was based upon the following facts, not generally understood in the community, but which have been fully set forth in the testimony of the officers of the company during previous rate investigations:

In 1883 we were asked to make large expenditures for fire protection, from which no additional revenue could be expected, and as an inducement to that end, the hydrant rate was then fixed at \$2.50 per month. It remained at this figure until 1895, and during these twelve years the company spent \$925,000 at the request of the Fire Department, and exclusively for its use, without anything to be expected from this expenditure for the stockholders, except the hydrant rate above mentioned.

In 1895 the city, still desiring further expenditures, increased the hydrant rate to \$5.00 per hydrant. The matter was fully discussed at the time, and it was explicitly understood that this hydrant rate should be continued as a return to the company for the additional investments which were demanded by the City exclusively for fire protection. This hydrant rate was maintained to 1901, and during this period the company spent, at the request of the Fire Department, \$1,030,000.00

Since 1901 the destruction of our records makes an exact statement of expenditures for the same purpose since that date impossible, but it is doubtless a conservative statement of the case that the company's total investment for the sole purpose of fire protection is today fully \$2,100,000.00

In 1901, under this \$5.00 rate which had been promised, we should have received \$226,000.00, but this appropriation was then reduced to a lump sum of \$80,000.00. Since that time the appropriations have usually been made in lump sums and further reduced; until 1906, when the appropriation had become \$36,000.00, all of which we did not get as a result of the disaster of April 18, 1906. The obvious reason for these reductions has been the desire to reduce the apparent cost of the City government, but the practical effect has been to transfer an undue proportion of the burden of fire protection from the large property owner to the small rate payer.

Under these circumstances there seemed good grounds for our appeal for a return to the hydrant rate of 1901, which would have enabled us to meet our anticipated deficit. The reply to this appeal, however, was an appropriation for the coming year of \$40,000.00. As there are now more than 3,500 hydrants in use, this \$40,000.00 appropriates less than is provided in the Dunne Ordinance, which the City is now attempting to enforce, and which the company is resisting in the courts as insufficient.

In response to a request for better fire protection in the Potrero after this appropriation has been made by the Supervisors, a letter was written to the Potrero Commercial and Manufacturers' Association, setting forth the financial

position of the company, the fact that we had vainly appealed to the Supervisors for a proper appropriation for hydrants, and that as the stockholders could not be expected to increase their investment by further borrowing in face of the deficit which would result from a continuance of the work on the new pumps at Ocean View and the San Andreas pipe line, it was the purpose of the company to discontinue this work, unless some arrangements for an increased revenue could be made.

This letter resulted in the formation of what was called the Federated Committee, composed of representatives from the various commercial organizations, which, on a full explanation of the facts, recommended an additional appropriation for hydrants of \$180,000.00.

In the hope that this recommendation would produce the desired results, work on the pipe line and pump was continued, and we were later on explicitly promised this appropriation by the then chairman of the Finance Committee of the Supervisors, to be made on July 1st.

The appropriation was not made, but the delay was explained on various grounds, and the promises were repeated until finally a measure covering this additional appropriation was introduced in the Board of Supervisors. It was met by a very strenuous criticism from the press, and partly, doubtlessly, as a result of this, failed to pass, upon which work on the pipe line was discontinued, but a short time afterwards resumed at the request of the City authorities and pushed to completion as before stated. This action of the Company was severely criticised on the ground that it was wantonly imperiling the City's safety in order to save the expenditure of some \$40,000.00. It is to be noted in this connection that we had continued work on the pipe line for two months on the faith of promises which were not fulfilled; and it is further to be said that the pipe line was not finished and could not be finished in time to meet the danger period of August and September. The new pumps at Ocean View were essential for the safety of the City, and work on these was continued without intermission until they were finally placed in service and saved the situation.

The Federated Committee, in addition to making this recommendation, took under consideration the whole subject of the relation between the City and the Water Company, and, as a part of this investigation, asked for a price at which the company's properties would be sold to the City.

The Directors authorized, subject to the subsequent approval of the stockholders, a statement to the Federated Committee that the company's properties would be sold at the face value of its securities, deducting therefrom \$4,000,000.00, and retaining for the stockholders the Lake Merced properties. As these properties are essential for the present supply of the City, the company offered to allow the City to continue to use them for such time as it desired, not to exceed ten years, paying in return interest on this \$4,000,000.00. It was felt that this was fair both to the City and the company. The City does not permanently want Lake Merced as a source of water supply, and could not well use it for anything except a public park. The land has a speculative value, which would be an inducement to the stockholders to retain it, and thus in a measure compensate themselves for what they might feel was a price less than they had been led to believe their properties should command.

We further offered to deduct from the purchase price to the City the value of such lands as the City might decide it did not want for purposes of water supply, at their cost to the company.

The company was asked by the committee to name a price at which it would sell the Peninsula reservoirs and the City distributing system alone, but we declined to make an offer of sale on these terms.

At present, over half the supply of the City is drawn from our Alameda Creek system, and the City cannot be kept supplied during the coming ten years without a further development of these properties. There is, furthermore, an

urgent demand now for this water from outside the city, along the entire line of our conduits, conveying it from Niles to Dumbarton Point and from Ravenswood to the San Francisco County line.

Under these circumstances, there would be a manifest injustice to the owners in asking them to continue to devote these Alameda Creek properties exclusively to the use of the City for a short period, expend large sums of money in their development, and then have them thrown back on their hands when the City had completed its own arrangements for an independent supply.

Col. Heuer, the chairman of the Federated Committee, who undertook the details of this investigation, submitted finally a report, in which, after a careful study of the subject and analysis of the numerous estimates which had been made of the value of the company's properties, he reached the following conclusions:

First. Probable value of the plant after April 18, 1906, was between thirty and thirty-one millions.

Second. That practically all the company's properties were necessary for the City's supply during the next ten years.

Third. That extensive enlargements of the plant were necessary and should be undertaken immediately for the proper security of this supply.

Fourth. That lands to the value of \$600,000.00 could be deducted from the purchase price, as covering properties which would not actually be needed for these purposes.

Fifth. The purchase of the plant and further development as necessary of the Alameda Creek properties was recommended to the City as an adjunct to its future Sierra supply.

This report, having been sent to the Supervisors and referred to the Committee on Public Utilities, was returned by that committee with a recommendation against the acquisition of the Spring Valley properties, mainly on the ground that under charter limits of bonded indebtedness this purchase would preclude the acquisition of a Sierra supply, since which there has been no further action on this subject by the City authorities.

A critical and important stage has now been reached in the relations between the City and the company.

The present average daily consumption of water is between 31,000,000 and 32,000,000 gallons, with a maximum reaching 36,000,000—before the earthquake the average was 35,000,000. Our present conduit capacity from the source of supply to the City pumps is something over 40,000,000 daily, but we are unable to deliver and distribute from these pumps more than from 35,000,000 to 36,000,000. There is now a large accumulation of water in Peninsula reservoirs as a result of favorable seasons of rainfall, and with a continuance of these conditions there might be no actual scarcity of water so far as the storage in the reservoirs is concerned for several years to come.

The full development of the properties now owned by the company would bring this capacity to more than a hundred millions daily, which would fully supply the City for the next thirty years at least, and at far less expense than would be involved in any other plan for securing this additional quantity of water.

The maximum safe capacity of the works as they now exist, however, has been estimated at 35,000,000 gallons daily, and even this includes the three millions now drawn from Lake Merced, which cannot safely be relied upon as a part of the City's permanent supply. If they are called upon to supply more than this quantity, it simply means that we are drawing on our reserves and trusting to good fortune in the way of future rainfall.

It was the conviction that we had reached the safe limit of our resources, as then developed, that decided the management of the company before the earthquake to further utilize the property by building the Calaveras dam, which, with the additional conduits necessary, would have added fully \$0,000,000

daily to our capacity, or practically doubled it, at an estimated cost of from ten to eleven millions of dollars. These plans were necessarily abandoned after the disaster, but we are now closely approaching the conditions that existed then.

With everything in our favor we could not build the Calaveras dam and conduit and accumulate water within the new reservoir so formed within less than three years from the actual commencement of the work, but it would be possible to develop smaller additional supplies of water in less time and at less cost, and these alternatives will have to receive further consideration. As the City fixes our income, it should have a voice in this decision and share in the responsibility for such new work as may be undertaken.

It is clearly evident from the facts above given that if we are to exercise prudent foresight, something must be done and done quickly to completely secure the city against a scarcity of water within the next five years. This conclusion is confirmed by Col. Heuer, as a result of his investigations of the facts in the report to the Federated Committee, which has been previously quoted.

A good deal has to be done at once in the City, furthermore, for the improvement of its fire protection, and to meet the changed conditions resulting from the disaster. There are new districts in the higher levels which are insufficiently supplied or not supplied at all, which demand the installation of auxiliary small reservoirs and pumping plants.

These clearly established necessities bring us to the vital question as to how the money for all these things is to be obtained—a question the seriousness of which is not yet appreciated by the community at large, and which, as a matter of fact, is of vastly more importance to that community than to the Water Company itself.

We have now been collecting rates since 1903 under injunctions granted by the courts, and in obtaining these have been obliged to give bonds in large amounts, which will be forfeited should pending litigation be decided against the company, while this litigation for the enforcement of lower rates in the past and for the coming year is still being pressed by the City. Furthermore, the rates which we have been and are thus collecting under the protection of the courts are not now yielding dividends to our stockholders.

The present City government is also considering plans for an independent water supply from the Sierras, and in so far as it has acted at all, has acted unfavorably upon the suggestion made from the Federated Committee that the Spring Valley property be acquired as part of the plan for a municipal supply. The City, during the ten years or so which must pass before a Sierra supply can be had, cannot get water except through the Spring Valley Water Company. The company cannot keep the City supplied during this time without making large investments, and the money for these investments cannot be had from private sources without such radical change in the relations between the City and the company as will offer reasonable security for a continued and fair return on the present value of the property and improvements which must be made upon it as also some assurance that an arrangement will be made under which it will not as a whole or in part be thrown back on the owners' hands when the City brings in its own supply.

Existing laws make it difficult and perhaps impossible for our City government to bind its successors, and any arrangement to the above ends would probably have to rest largely upon moral effect and the status in the courts which a formal agreement made now between the City and the company would have in subsequent litigation, should it be found necessary to resort to it. Whether or not this would be a sufficient guarantee to attract capital to further investment in the water supply of San Francisco, with the past history of such investment here as an object lesson, can only be ascertained by actual trial.

The simplest and most certain solution of this difficult problem would be the acquisition of the works by the City at an agreed or arbitrated value and

their development under municipal ownership as the nucleus of a future Sierra supply.

If this plan is rejected, however, and the City continues to rely, as it then must rely for the next ten years or more, solely on the Spring Valley Company in private ownership, some way must be devised for its relief from its present condition of financial paralysis, so as to enable it to attract the new and additional investment in its securities which must be made in the work which is immediately and absolutely necessary for the safety and sufficiency of the water supply.

If this can be accomplished at all, the following conditions at least seem essential preliminaries:

1. Settlement of pending litigation.
2. An agreement on the value of the plant for rate fixing purposes.
3. Rates which will yield a fair return to the stockholders upon its valuation, with a proper allowance for depreciation.
4. Complete publicity in the company's affairs. Agreement between the City and company as to future work and possible representation of the City in the company's Board of Directors.
5. Agreement as to the ultimate disposition of the property, in connection with the City's plans for an independent supply.

The law and physical conditions have forced the City and the Water Company into a partnership, whose duty is the safety and sufficiency of our water supply, and this partnership will fail in this duty unless it can be placed upon the basis of an equitable agreement between its members.

Fortunately, in the present City government we have a body of men who will consider these difficult questions with intelligence and fairness, and they may be assured they will be met on the part of the company's officers with entire frankness and a sincere desire to reach a settlement which will do justice to all concerned.

A. H. PAYSON, President.

FINANCIAL STATEMENT OF SPRING VALLEY WATER COMPANY, 1907.

Cash on hand January 1, 1907..... \$ 43,081.62

RECEIPTS.

Water sales, etc.....	\$1,870,560.33	
Other sources—		
Rents	24,444.29	
Interest	3,102.60	
Suburban Co.	24,304.24	
Sundry receipts.....	10,367.12	
	<hr/>	1,932,778.58
		<hr/>
		\$2,370,860.20

DISBURSEMENTS.

Operating expenses.....	\$607,232.27	
Permanent improvements.....	355,493.21	
Replacement account.....	335,342.92	
	<hr/>	\$1,298,068.40
Taxes	\$ 36,495.58	
Dividends	1,181.88	
Interest and coupons.....	718,540.00	
Material for warehouses.....	103,223.87	
	<hr/>	859,441.33
		<hr/>
		2,157,509.73
		<hr/>
Balance cash on hand December 31, 1907.....		\$ 213,350.47

Cash	\$ 8,645.44	
Cash in banks.....	193,855.54	
Cash in Trust Company, subject to bondholders..	10,849.49	
	<hr/>	\$ 213,350.47
	J. M. DUKE, Secretary.	

EXHIBIT NO. 9.

PREAMBLE AND RESOLUTIONS PASSED BY THE STOCKHOLDERS OF THE SPRING VALLEY WATER COMPANY, AT THEIR ADJOURNED ANNUAL MEETING HELD JANUARY 22, 1908.

Whereas, On January 8, 1908, at the hour of twelve o'clock noon of that day, the stockholders of the Spring Valley Water Company, pursuant to notice in that behalf duly given, held their annual meeting at the office of said company at No. 1409 Sutter street, in the City and County of San Francisco, which meeting was duly adjourned to January 22, 1908, at 10 o'clock A. M. of that day, at the office of said Company, and thereupon the following preamble and resolutions were duly offered to and adopted by said meeting, to-wit:

Whereas, There are now pending in the Circuit Court of the United States, Ninth Judicial Circuit, Northern District of California, that certain action known upon the Register of Actions of said court as number 13,395, entitled "Spring Valley Water Works, Complainant, versus City and County of San Francisco et al., Defendants," wherein the bill of complaint was filed April 20, 1903, and on June 29, 1903, said court did render and file its opinion granting the application of complainant therein for an injunction pendente lite; and

Whereas, On June 1, 1904, in said court, the Spring Valley Water Company did file its bill of complaint against said City and County of San Francisco et al., defendants, being known and numbered on the Register of Actions in said court as number 13,598; and on June 29, 1904, Mr. Justice Gilbert, United States Circuit Court Judge, did file an opinion therein granting the application of the complainant in said suit for an injunction pendente lite; and

Whereas, On May 2, 1905, said Spring Valley Water Company did in said court file its bill of complaint against said City and County of San Francisco et al., known and numbered upon the Register of Actions in said court as number 13,756; and

Whereas, On May 31, 1907, in said court said Spring Valley Water Company did file its bill of complaint against said City and County of San Francisco et al., being known and numbered upon the Register of Actions of said court as number 14,275, all of which suits remain pending and undetermined; and

Whereas, Large sums of money have been expended in the institution and prosecution of said suits in and about the taking of testimony and counsel fees for the conduct and management of the same; and

Whereas, The Supreme Court of the United States has repeatedly determined that a judgment or decree rendered in an action or suit by consent constitutes no adjudication; and

Whereas, It is highly desirable that several suits be finally adjudicated to the end that this company and the stockholders thereof and the municipal authorities of said City and County of San Francisco may thereby be informed of their respective rights in and about the fixing of the water rates of this company; now, therefore, be it

Resolved, That said several suits be pressed to final hearing with all diligence and without any delay, and that the same be not, nor any of them, compromised or settled save by final decree entered therein by said court; and

Whereas, Under the provisions of Section 1, Article XIV. of the Constitution of this State, "the rates of compensation to be collected by any person, company or corporation in this State for the use of water supplied to any city and county, or city, or town, or the inhabitants thereof, shall be fixed annually by the Board of Supervisors," etc.; and

Whereas, Under the provisions of that certain Act of the Legislature, approved March 12, 1885 (Statutes 1885, page 96, section 5), among other things it is provided that

"The net annual receipts and profits to be not less than six nor more than eighteen per cent in value of the canals," etc., "supplying water," etc.; and

Whereas, The Board of Supervisors of the City and County of San Francisco has fixed the rates of compensation for the water supplied by this company to said City and County of San Francisco and the inhabitants thereof for the years and in the following manner: (See table opposite page.)

And, whereas, The rates so fixed are unfair to this company and the stockholders thereof, in consequence of which this company has been compelled to take the foregoing legal proceedings to secure fixing of fair rates of compensation for the use of the water furnished and to be furnished to said City and County of San Francisco and the inhabitants thereof; and

Whereas, The stockholders of this company have not received any dividend or compensation whatever of, from or for the use of the waters of the company furnished said City and County of San Francisco and the inhabitants thereof, since January, 1906, which was earned prior to December 31, 1905; and

Whereas, The Supreme Court of the United States, in San Diego, etc., vs. National City, 174 U. S. 753, 754, speaking upon the power of the Board of Supervisors under said provision, through Justice Harland, declared:

"It is equally clear that this power could not be exercised arbitrarily and without reference to what was just and reasonable as between the public and those who appropriated water and supplied it for general use; for the State cannot by any of its agencies, legislative, executive or judicial, withhold from the owners of private property just compensation for its use. That would be a deprivation of property without due process of law."

And, whereas, As above declared by said Supreme Court, it is the Constitutional right of the stockholders of this company to receive fair rates or compensation for the waters of the company furnished and to be furnished as aforesaid, and they only ask and desire fair rates or compensation therefor; now, therefore, be it

Resolved, That the Board of Directors of this company respectfully request the Board of Supervisors of said City and County of San Francisco in fixing the rates at the next fixing of the same in the month of February, 1908, to fix the same at a fair and just rate so as to yield the stockholders of this company a fair and reasonable compensation for the waters of this company to be furnished to said City and County of San Francisco and the inhabitants thereof, and that in fixing the same they do take into account the unjust consequences of the rates heretofore fixed by the Board, in consequence of which the stockholders of this company have received no compensation for the use of their property and have been compelled to resort to legal proceedings to endeavor to secure the same. That it is not the wish or desire of the stockholders of this company to resort to litigation; that they deprecate so doing, and have only done so because compelled thereto by reason of the unjust rates heretofore fixed by said Board of Supervisors; and be it further

Resolved, That the Board of Directors of this company furnish said Board of Supervisors with a copy of these resolutions as expressive of their sense of their rights in the premises.

WATER RATES

Year.	A (See Page 66) Beginning of Year.	B Expended by Water Co. for Betterments During Year.	Sum of A—B Beginning of Year.	C Valuation by City Engineer at Beginning of Year.	D Valuation by Supervisors at Beginning of Year.	E Taxes paid by the S. V. W. Co. During the Year.	Remarks.
1901.....	\$26,930,000			\$24,667,800	\$22,939,722.00	\$203,257.61	Page 787, Municipal Re- port, 1901-2.
1901.....		\$974,732.67					
1902.....			\$27,904,732.67	24,468,210	23,914,454.67	236,828.97	Page 942, Municipal Re- port, 1902-3.
1902.....		735,594.16					
1903.....			28,640,326.83	28,024,389	24,124,389.00	321,537.25	Page 509, Municipal Re- port, 1903-4.
1903.....		718,939.48					
1904.....			29,359,266.31	24,673,212	23,121,502.00	348,222.77	From Secretary Howard of S. V. W. Co., Mu- nicipal Report not be- ing available.
1904.....		462,438.07					
1905.....			29,821,704.38	25,001,441		370,440.21	From Secretary Howard of S. V. W. Co., Mu- nicipal Report not yet published.
1905.....		510,751.10					
1906.....			30,332,455.48	25,450,327			

WATER RATES

EXHIBIT NO. 10.

STATEMENT OF BAY SHORE WATER COMPANY, WITH RECEIPTS AND
DISBURSEMENTS FOR YEAR 1907.

Office of Bay Shore Water Company, 901 Monadnock Bldg.,
San Francisco Cal., January 29, 1908.

To the Honorable Board of Supervisors
Of the City and County of San Francisco.

Gentlemen:—We herewith hand you statement of the receipts and expenditures of the Bay Shore Water Company for the year ending December 31, 1907.

RECEIPTS.

Collection of monthly rates.....	\$3,562.20	
Collection of rent of engine house cottage.....	180.00	
Collection of miscellaneous sums for water pipe, etc.....	230.45	
Collection for 102 connections.....	1,275.00	
		\$5,247.65

EXPENDITURES.

Operating expense of engineer's salary, and assistant.....	\$2,066.60	
Machinery, repairs, replacement, etc.....	2,662.26	
Fuel oil (Union Oil Co.).....	1,292.15	
Repairs on reservoirs.....	690.74	
Water pipe and fittings.....	495.20	
San Mateo Power Co. (for power).....	269.43	
Miscellaneous expenses.....	599.42	
Taxes	125.85	
		\$8,201.65
Deficit.....		\$2,954.00

You will see by the above statement that we have paid out during the year 1907, in actual cash, \$2,954.00 more than we have received from all sources; if you will add to this amount \$100 per month for office work, rent and supervision, which is certainly a very conservative figure, it will show that we actually ran behind \$4,154.00; again, add to this amount .6 per cent interest on \$125,000.00 (which is the amount the Bay Shore Water Company paid for this plant), or \$7,500.00, and you will see that the net loss to the stockholders of the Bay Shore Water Company, for the year 1907, amounts to \$11,650.00.

As our books were destroyed by the fire of April 18th and 19th, 1906, we can only give you a statement for the year 1907, but our former reports, which have been submitted to the Board, cover the former business done by the company.

The Bay Shore Water Company is no longer in business.

Respectfully submitted,

BAY SHORE WATER COMPANY,
T. B. POTTER, President.
E. V. REARDON, Secretary.

WATER RATES

967

NAMES OF CONSUMERS AND AMOUNTS PAID.

H. N. Nutter, 1 Leland avenue.....	\$ 120.00
Bay Shore Real Estate Co., 5 Leland avenue.....	12.00
S. H. Robbins, 7 Leland avenue.....	12.00
C. A. Louis Dry Goods Co., 9 Leland avenue.....	12.00
W. A. Chalmers, 15 Leland avenue.....	18.00
Geo. Burgess, San Bruno avenue.....	12.00
Herman Winter, 462 Leland avenue.....	16.10
Charles State, 474 Leland avenue.....	18.00
Charles State, 472 Leland avenue.....	9.85
Herman Sarver, 496 Leland avenue.....	16.20
Mrs. M. Wulff, 478 Leland avenue.....	12.00
May B. Paddison, 26 Delta street.....	5.10
H. L. Diehl, 60 Mill street.....	12.00
Miss A. Dahl, 16 Delta street.....	16.80
Emily Legasse, Leland avenue.....	12.00
Otto Thews, 234 Leland avenue.....	10.00
H. A. Banks, 114 Arleta avenue.....	14.95
Ira M. Stabler, 243 Arleta avenue.....	12.65
Eugene Steele, 234 Arleta avenue.....	12.60
M. Begum, 455 Raymond avenue.....	13.65
B. Friedman, 459 Raymond avenue.....	10.45
Mrs. M. Lublinsky, Raymond avenue.....	12.75
L. W. Porter, 250 Raymond avenue.....	21.00
Mrs. E. McQuade, 226 Raymond avenue.....	23.40
August Anderson, 215 Raymond avenue.....	21.00
J. A. Whiteside, 86 Raymond avenue.....	18.85
James Keenan, 172 Raymond avenue.....	12.60
Bay Shore Real Estate Co., 17 Raymond avenue.....	31.75
James McCullah, Teddy avenue.....	9.35
Mrs. Elam, 202 Teddy avenue.....	10.20
Joseph Acuri, Teddy avenue.....	14.00
A. Baldasari, Ervine street.....	8.50
J. F. Pike, 24 Delta street.....	8.50
John Stevenson, 1242 Guirard.....	18.00
C. De Boer, 1247 Berlin street.....	10.20
Mrs. A. Larsen, 383 Wilde avenue.....	11.70
Frank Maskow, 26 Beta street.....	9.35
D. A. Mackay, 2 Delta street.....	10.80
A. Young, Delta and Wilde.....	12.60
A. Alleze, 66 Mill street.....	11.00
P. Wittke, 539 Harkness street.....	9.35
A. Brazzale, 924 Bowdoin street.....	8.55
O. Halling, 261 Mill street.....	13.00
Geo. Hoffmann, 65 Burnside street.....	2.00
L. M. Alexander, 93 Cowden.....	17.00
F. J. Grafton, 420 Harkness street.....	16.20
Ludwig Rhinerstsen, 440 Harkness street.....	13.65
Chris. Myer, 51 Mill street.....	6.35
Mrs. N. Gragg, 226 Leland avenue.....	10.80
Mrs. J. B. James, 378 Leland avenue.....	10.15
C. E. West, 386 Teddy street.....	9.35
Nels Setterlin, 146 Tucker street.....	7.65
O. Methmann, 146 Tucker avenue.....	17.40
W. C. Elliott, 931 Hamilton street.....	16.80
Geo. J. Frahm, 461 Harkness street.....	11.05

Mrs. S. A. Olsen, Alpha street.....	9.35
Mrs. L. Spence, 422 Raymond avenue.....	10.20
M. C. Talbot, 132 Teddy avenue.....	13.05
G. Mueller, 100 Teddy avenue.....	11.00
D. C. Reynolds, 322 Raymond avenue.....	9.90
Mrs. Sarah Doherty, 198 Leland avenue.....	25.90
Mrs. J. C. Sexton, 130 Teddy avenue.....	19.20
C. A. Peterson, Teddy and Delta.....	23.40
Thos. C. Fry, 252 Campbell avenue.....	12.15
G. Opitz, 115 Campbell avenue.....	19.05
L. Hildebrand, Campbell avenue.....	31.25
F. Bacigalupi, Ervine street.....	21.00
H. Heuer, 45 Ervine street.....	16.20
A. J. Betz, 266 Leland avenue.....	9.35
W. D. Stephenson, 222 Raymond avenue.....	11.55
T. Schach, 235 Leland avenue.....	10.80
Martin Mathien, 133 Arleta avenue.....	19.45
W. Hamilton, 173 Ankenny street.....	11.00
A. Anderson, 352 Arleta avenue.....	10.80
F. E. Lake, Tioga street.....	9.35
C. Wedsted, 81 Arleta avenue.....	17.55
Mabel P. Chilson, 28 Delta street.....	13.00
John Berry, 171 Campbell.....	10.20
G. R. Culver, Amhurst and Bow streets.....	.....
Mrs. Jno. Sieber, 120 Campbell avenue.....	16.20
H. Greenwade, 336 Arleta avenue.....	4.20
Mrs. M. Bouschin, 473 Leland avenue.....	11.00
F. F. Anthes, 471 Raymond avenue.....	18.60
Mrs. N. Jeter, 156 Tioga avenue.....	8.50
Wm. Moore, Arleta avenue.....	10.20
Rosana Fortier, Fay street.....	10.20
E. Johanson, Raymond avenue.....	18.00
Mrs. H. Shemanski, Raymond avenue.....	10.20
Chas. Louis, Leland avenue.....	10.80
Joe Castro, 177 Campbell.....	7.65
G. Schumacker, Campbell avenue.....	21.00
F. Rehberg, Tioga avenue.....	13.80
Mrs. G. S. Peters, 309 Wilde avenue.....	10.20
Mrs. M. Henry, Tioga avenue.....	10.20
Frank Heran, Wilde avenue.....	9.90
Henry Olsen, 434 Wilde avenue.....	11.00
Henry G. Nichols, Alder street.....	9.35
L. H. Hinchbergen, 301 Leland avenue.....	18.20
Julia Daly, Arleta avenue.....	10.20
Mrs. Johnson, 156 Tioga avenue.....	7.65
U. Gonzales, Campbell avenue.....	9.35
Charles McWam, 115 Leland avenue.....	9.35
A. T. Mollard, Raymond avenue.....	9.35
Frank Guttmer, 411 Wilde avenue.....	11.00
C. B. Huyett (four cottages), 277 Teddy avenue.....	62.40
A. Mardesich, Arleta avenue.....	13.50
Frank Rafferty, 276 Arleta avenue.....	19.80
Charles Elliott, 35 Cowden street.....	16.20
Mrs. E. Dykemann, Hamilton street.....	8.10
G. W. Owen, Raymond avenue.....	19.80
City and County.....	72.00
Geo. Colemann, 245 Arleta avenue.....	10.20

WATER RATES

969

Carl Goertz, Raymond avenue.....	9.35
A. A. Russell, 40 Delta avenue.....	15.50
Theo. Linde, Teddy avenue.....	13.90
J. Federline, 270 Campbell.....	4.25
Mrs. Brooks, Wyant street.....	11.25
Ralph Haight, Tioga avenue.....	8.40
M. Cohen, 170 Tucker avenue.....	17.40
M. Cohen, 133 Raymond avenue.....	23.60
W. Giebel, Leland avenue.....	8.50
M. Salmi, Harkness avenue.....	10.80
Bay Shore Real Estate Co., Leland avenue.....	9.00
Emil Peters, Raymond avenue.....	15.00
C. E. Eisenhut, 330 Raymond avenue.....	11.05
G. A. Mauerhan, Berlin street.....	9.35
C. A. Eisenhut (four flats), 330 Raymond avenue.....	53.55
F. G. Nirkerk, Ervine street.....	10.20
N. A. Wise, 30 Delta street.....	10.20
T. J. Richardson, Wilde avenue.....	12.75
J. T. Anderson, Mill street.....	11.90
H. D. Hoey, Wilde avenue.....	10.20
James Wilson, 343 Raymond avenue.....	19.80
August Carbone, 120 Leland avenue.....	9.35
Mrs. Teupel, Arleta and Fay.....	11.05
Louis J. Anderson, Campbell avenue.....	13.80
D. J. Creighton, 325 Arleta avenue.....	7.65
Jno. Schafer, Raymond avenue.....	7.65
Mrs. M. Brown, Tucker avenue.....	7.65
Fred Ebeling, 475 Raymond avenue.....	10.20
H. McCartney, Leland and Hahn.....	7.65
A. Grishaber, 174 Alder street.....	11.00
Mr. J. A. Maynard, Tioga avenue.....	12.75
August Anderson, Girard street.....	11.70
M. Hansen, 930 Bowdoin street.....	9.90
W. B. Unkraut, Raymond avenue.....	16.10
S. Riccardi, Raymond avenue.....	10.20
Mrs. A. Pettingill, 57 Wilde avenue.....	9.90
Isabell Frank, Wilde avenue.....	13.65
Robert Evans, Tucker avenue.....	4.25
Drunvenick, 11 Leland avenue.....	13.80
H. A. Nutter, 13 Leland avenue.....	13.80
O. Nelson, Raymond avenue.....	10.20
P. Segarini, Harkness avenue.....	11.00
F. W. Walker, Campbell and Delta.....	10.20
J. B. Smith, Leland avenue.....	16.90
J. H. Allen, Teddy avenue.....	10.20
W. Ranzoni, Wilde avenue.....	10.20
G. Biolo, 7 Teddy avenue.....	11.00
Paul Molinar, Hamilton street.....	10.20
S. C. Burnett, Teddy avenue.....	6.80
H. Eisenhut, Teddy avenue.....	10.20
J. Sierbert, 29 Mill street.....	15.00
John Kelly, Goettinger street.....	12.50
J. P. Juchem, Campbell.....	12.65
Jules Charboty, Fay street.....	10.20
W. T. Rankin, Leland avenue.....	10.20
Sarah Dolerty, 198 Leland avenue.....	11.00
O. Moskow, 414 Wilde avenue.....	10.20

Geo. Burgess, Alpha street.....	13.00
L. B. Drew, 31 Alberta street.....	18.00
Charles A. Nelson, 110 Raymond avenue.....	10.20
C. Jones, Leland avenue.....	16.00
P. Kopfer, Delta street.....	11.50
J. U. Docing, Berlin street.....	11.45
W. L. Koch, 1310 Berlin street.....	9.80
O. D. Gass, Tucker avenue.....	10.80
Mrs. M. Mocabee, Raymond avenue.....	9.35
M. J. Boni, Wilde avenue.....	8.50
Mrs. Nichols, Harkness avenue.....	14.90
W. J. Reid, Tioga avenue.....	9.35
J. A. Harris, Tucker avenue.....	12.00
G. Marcella, Ervine street.....	12.65
M. Axelem, 45 Arleta avenue.....	8.50
D. Schefski, Arleta avenue.....	12.60
Mrs. S. A. Carlson, 389 Wilde avenue.....	12.00
J. McInerney, Leland avenue.....	10.20
Eugene Aubert, Campbell avenue.....	9.35
J. C. Gardner, Raymond avenue.....	1.80
E. Mignogna, Leland avenue.....	16.90
A. Lindrooth, 45 Alpha.....	9.35
C. Larson, Wilde avenue.....	14.40
Dr. R. J. Fowdall, 6 Raymond avenue.....	11.05
Sophie Siedler, Leland avenue.....	7.40
C. Ostlund, 342 Harkness avenue.....	19.40
Terrance Fox, Tioga avenue.....	10.20
E. Landell, Harkness avenue.....	10.20
L. B. Low, 907 Bowdoin street.....	15.00
C. Louis, Leland avenue.....	15.00
J. C. Jacobson, 108 Tucker street.....	10.80
Joseph Arata, Arleta avenue.....	10.80
C. Himmelricher, Alpha street.....	5.10
C. L. Stillman, Leland avenue.....	10.20
K. H. Everett, Arleta avenue.....	10.80
Paul Ebel, 78 Burnside street.....	8.40
F. E. Bellmer, 225 Raymond avenue.....	15.45
E. M. Carlos, Raymond avenue.....	13.10
C. A. Eisenhut, 331 Teddy avenue.....	10.50
W. V. Ballinger, Arleta avenue.....	15.20
D. P. Grant, 228 Raymond avenue.....	8.50
M. Mathien, 135 Arleta avenue.....	16.40
H. Lichenstein, Wilde avenue.....	7.20
D. Ranft, 231 Wilde avenue.....	6.75
John Koch, 33 Cowden street.....	7.25
L. N. Ryan, 319 Wilde avenue.....	8.90
W. A. Watson, 330 Teddy avenue.....	10.80
T. Heckert, Raymond avenue.....	13.50
Mrs. R. E. Dowdall, Arleta avenue.....	9.00
Alex. Russell, Goettinger street.....	7.65
C. Grassi, Goettinger street.....	10.00
Antone Alleze, 3658 San Bruno avenue.....	12.60
August Blawat, 3648 San Bruno avenue.....	10.50
J. Federline, Raymond avenue.....	6.90
P. Marquart, 67 Mill street.....	5.40
A. J. Wilson, 125 Tioga.....	8.10
S. Maranta, Raymond avenue.....	4.95

WATER RATES

971

Chas. Tanner, 1215 Berlin street.....	9.20
Peter Quartoli, Arleta avenue.....	7.65
M. Luiggi, 1192 Girard street.....	8.80
Lewis Eisenbeis, 482 Leland avenue.....	13.95
C. Ganter, 458 Leland avenue.....	12.20
A. Wittowski, Leland avenue.....	7.65
J. A. Carlson, Cowden street.....	7.20
H. H. Cutler, Goettingen street.....	9.00
P. Paulson, Arleta avenue.....	9.90
Mrs. E. Campe, Cowden street.....	6.65
M. P. Cassella, 349 Wilde avenue.....	6.80
J. Merriman, 46 Tucker avenue.....	6.70
Mrs. F. Myers, 995 Harkness avenue.....	7.60
P. A. Fitch, 912 Bowdoin street.....	5.70
J. J. Dominion, Ankenny street.....	7.20
Alfred C. Anderson, 211 Wilde avenue.....	10.80
W. T. Rubell, Arleta avenue.....	3.45
Bay Shore Real Estate Co., 179 Tucker avenue.....	3.85
P. Wietzke, Arleta avenue.....	6.15
P. Sarver, 448 Arleta avenue.....	6.20
D. Hagstrom, Campbell avenue.....	6.20
E. Fonteilli, Tioga avenue.....	.75
Jno. Berlien, Harkness avenue.....	7.40
J. W. Myer, Alder street.....	5.60
J. A. Baber, Teddy avenue.....	3.80
Frank C. Sullivan, 537 Harkness avenue.....	5.60
Mrs. F. T. Sieberlich, 77 Arleta avenue.....	8.70
Bay Shore Real Estate Co., Arleta avenue.....	6.50
Joe Harvester, Wilde avenue.....	3.55
S. Robbins, Teddy avenue.....	5.90
J. Siljac, Wilde avenue.....	5.10
F. Stagnaro, 165 Tucker avenue.....	8.05
Carl Gunderson, Teddy avenue.....	.90
L. Ruguet, Campbell avenue.....	7.05
W. H. Wilson, Wilde avenue.....	8.00
Joseph Mederos, 316 Wilde avenue.....	5.10
Antone Pignero, 212 Raymond avenue.....	4.50
Marie Donohue, Sparta street.....	5.35
Geo. L. Moore, Campbell and Beta.....	6.35
Mary Demeter, Wilde avenue.....	.75
K. Moskovitz, Hamlin and Arleta.....	6.15
Frank Maskow, Tioga avenue.....	4.10
Richard E. Dowdall, 101 Raymond avenue.....	4.20
Mrs. Mary Lund, Arleta avenue.....	4.75
John Filoriany, Raymond avenue.....	4.10
Robt. Heidenfelder, 278 Raymond avenue.....	3.40
S. Schmulowitz, Leland avenue.....	3.60
C. N. Noehl, Wilde avenue.....	3.00
Edwin D. Jarvis, 104 Tucker avenue.....	4.50
F. J. Goodrich, Arleta, near Alpha.....	.....
C. Bunt, Raymond avenue.....	1.50
Mrs. E. Christensen, Burnside street.....	3.85
G. Thorsen, 37 Alpha street.....	2.40
John Grof, 244 Teddy avenue.....	3.15
E. T. Knight, Alberta street.....	1.55
Catherine L. Lauritzen, 319 Raymond avenue.....	3.25
O. Carlson, 18 Tioga avenue.....	7.20

J. Marsala, Raymond avenue.....	2.55
Mrs. Burger, 46 Campbell avenue.....	2.55
Iso Rodmanvovh, Raymond avenue.....	6.75
Mrs. Brannan, Campbell avenue.....	3.00
Mrs. Mary Hafner, 523 Harkness avenue.....	2.20
Sam F. Yelich, Leland avenue.....	.....
Mrs. H. S. Knox, 121 Tucker avenue.....	2.25
Mrs. R. Farmer, Going street.....	3.35
R. L. Plamondon, Raymond avenue.....	.45
Richard Dowdall, Raymond avenue.....	.....
E. A. Altperter, 427 Wilde avenue.....	2.10
Ferdinand Strausmann, Arletta avenue.....	.....
Filippo Campanella, Tucker avenue.....	.75
Mary E. Earle, 338 Arleta avenue.....	.45
Mrs. R. Ward, Campbell avenue.....	1.35
Peter Morgan, 357 Wilde avenue.....	.25
Mrs. J. A. Wilson, Teddy avenue.....	.....
Riley Bros., Five Mile House.....	23.70
Fletcher & Mauerhan, Wilde avenue.....	16.50
Bauman Bros., Leland avenue.....	30.65
Thos. C. Towne, Leland avenue.....	23.15
Bay Shore Real Estate Co., Leland avenue.....	14.85
Phipil Maysounave, Leland avenue.....	28.65
Jean Souberrou, Leland avenue.....	21.20
Henry Blankin, Six Mile House.....	79.05
	\$3,562.45

EXHIBIT NO. 11.

COMMUNICATION FROM CITY ATTORNEY RELATIVE TO DUTY OF BOARD OF SUPERVISORS IN FIXING WATER RATES.

San Francisco, Cal., February 5, 1908.

The Joint Committee on Judiciary and Public Utilities.

Gentlemen:—I am in receipt of your communication of January 16th, containing the following inquiries:

“1. Can the Board of Supervisors, when fixing water rates in the month of February of this year, establish districts and fix different water rates in said respective districts?

“2. Can one water company exact from its consumers a higher rate for water service supplied than that exacted by another company, dependent upon the return on the actual investment of the respective companies?”

Let us dispose of the second question first.

Sub. 14, Sec. 1, Chap. 2 of Article II of the Charter, in conformity with Article XIV of the State Constitution, provides:

“The Board of Supervisors shall have power ‘to fix and determine by ordinance in the month of February of each year, to take effect on the first day of July thereafter, the rates or compensation to be collected by any person, company or corporation in the City and County for the use of water, heat, light or power, supplied to the City and County, or to the inhabitants thereof, and to prescribe the quality of the service.’”

The Act of 1881 (Statutes 1881, p. 54) provides as follows:

“Section 6. Rates for the furnishing of water shall be equal and uniform. There shall be no discriminations made between persons, or between persons

and corporations, or for the use of water for private and domestic and public and municipal purposes."

We must conclude, therefore, that your Board is permitted to fix a general and uniform rate only, to which all persons and corporations furnishing water to the inhabitants of the City and County shall be subject.

Can the City be divided into districts for this purpose?

The word "uniform" as used in this connection does not mean "universal," but a Statute is uniform in its operation if it applies alike to all persons or objects within the class to which it relates. Therefore, to operate uniformly a general law need not operate alike on all persons or subjects to which it applies, but it must operate uniformly on all persons in the same category. Consequently an ordinance need not cover the entire city in order to have a uniform operation, provided there is a good reason for the division of the city into districts and the ordinance has a general application throughout the district so fixed.

But, as the Supreme Court has said in *City of Pasadena vs. Stimson*, 91 Cal., 238, "Although a law is general and constitutional when it applies equally to all persons embraced in a class founded upon some natural or intrinsic or constitutional distinction, it is not general or constitutional if it confers particular privileges or imposes peculiar disabilities or burdensome conditions, in the exercise of a common right, upon a class of persons arbitrarily selected from the general body of those who stand in precisely the same relation to the subject of the law." Approved, *Bruch vs. Colombet*, 104 Cal., 347.

This seems to state the rule very clearly, and unless some good reason is shown for the division of the City and County into "water districts" the ordinance fixing water rates must have a uniform application to the entire City and County. In the opinion of this office, the facts presented are not sufficient to justify such district division.

It has come to the attention of this office that the County Line Water Company referred to in your communication is a mutual water company whose waters are limited to its own stockholders, and as long as such is the case, and the by-laws provide that the waters of the company shall be distributed to none by stockholders, your Board has no jurisdiction to fix rates to be charged the stockholders by said company.

Respectfully,

PERCY V. LONG,
City Attorney.

EXHIBIT NO. 12.

INCOME OF THE SPRING VALLEY WATER WORKS AND SPRING VALLEY WATER COMPANY FOR 1894 TO 1904, INCLUSIVE, AS PER MUNICIPAL REPORTS.

1894.

Rate-payers	\$1,555,322.05
City and County.....	96,846.33
Other sources.....	26,054.63
	<hr/>
	\$1,678,223.01

1895.

Rate-payers	\$1,550,688.67
City and County.....	137,235.73
Other sources.....	19,309.75
	<hr/>
	\$1,707,234.15

WATER RATES

1896.	
Rate-payers	\$1,553,152.59
City and County.....	213,917.73
Other sources.....	21,619.84
	\$1,788,690.16
1897.	
Rate-payers	\$1,499,093.48
Shipping	47,948.70
City and County.....	228,087.07
Other sources.....	19,509.40
	\$1,794,638.65
1898.	
Rate-payers	\$1,490,921.55
Shipping	51,523.95
City and County.....	245,165.50
Other sources.....	50,751.05
	\$1,838,362.05
1899.	
Rate-payers	\$1,546,939.02
Shipping	66,180.85
City and County.....	240,878.77
Other sources.....	49,413.21
	\$1,903,411.85
1900.	
Rate-payers	\$1,566,854.45
Shipping	91,920.50
City and County.....	225,977.39
Other sources.....	41,954.95
	\$1,926,707.29
1901.	
Rate-payers	\$1,546,705.15
Shipping	87,570.30
Old City bills.....	30,280.08
City and County.....	163,598.79
Other sources.....	44,556.00
	\$1,872,710.32
1902.	
Rate-payers	\$1,666,401.81
Shipping	86,977.65
Old City bills.....	18,410.81
City and County.....	161,401.95
Other sources.....	47,459.50
	\$1,980,651.72
1903.	
Rate-payers	\$1,787,747.45
Shipping	96,962.75
City and County.....	135,624.70
Other sources.....	55,648.19
	\$2,075,983.09
1904.	
Rate-payers	\$2,070,765.38
Other sources.....	141,358.45
	\$2,212,303.83

WATER RATES

975

EXHIBIT NO. 13.

STATEMENT SPRING VALLEY WATER COMPANY RECEIPTS AND DISBURSEMENTS, FISCAL YEAR 1906-1907.

RECEIPTS.

From water rates.....	\$1,423,392.52
From shipping	114,531.10
From contractors and builders.....	35,670.80
From City	63,940.00
	\$1,637,534.42
From Assessment No. 1.....	840,171.00
From deposit on sale of 126 Stockton street.....	50,000.00
From insurance	21,632.50
From other sources.....	37,478.23
	\$2,586,816.15

DISBURSEMENTS.

Operating expenses.....	\$548,649.76
Replacement	429,851.52
	\$978,501.28
Taxes	270,497.48
Interest	898,880.00
	\$2,147,828.76
	\$438,987.39
Paid on account of dividends declared prior to April, 1906.....	7,282.80
	\$431,704.59
Paid on account of permanent improvements.....	\$337,572.06

The excess of expenditures in Coupon Interest in 1906-1907 over the accrued interest is due to this being in a bond redemption period. In some instances there were several coupons attached to the old bonds.

EXHIBIT NO. 14.

OPERATING EXPENSES SPRING VALLEY WATER COMPANY. FISCAL YEAR 1906-1907.

1. City pumps.....	\$ 31,038.97
2. Black Point pumps.....	18,724.24
3. Clarendon Heights pumps.....	18,709.71
4. Precita Valley pumps.....	20,849.52
5. Ocean View pumps (old).....	37.50
6. Millbrae pumps.....	3,563.89
7. Belmont pumps	35,617.39
8. Crystal Springs pumps.....	1,771.19
9. Pilarcitos pumps.....	11.70
10. City reservoirs.....	22,044.02
11. Lake Merced drainage system.....	4,181.31
12. San Andreas reservoir.....	8,781.67
13. Pilarcitos reservoir.....	2,798.68

WATER RATES

14.	Crystal Springs reservoir.....	8,225.05
15.	Portola reservoir.....	189.45
16.	San Andreas pipe line.....	4,730.92
17.	San Andreas pipe line (Merced branch).....	
18.	Pilareitos pipe line.....	6,539.49
19.	Alameda pipe line.....	15,686.41
20.	Crystal Springs pipe line.....	3,998.07
21.	Lock's Creek line.....	7,999.33
22.	San Mateo pipe yard.....	5,108.92
23.	Sunol filter beds, expense.....	9,244.07
24.	Pleasanton wells, expense.....	3,162.99
25.	Sunol aqueduct.....	3,768.86
26.	Calaveras dam, expense.....	934.20
27.	Land Account, expense.....	1,878.03
28.	Telephone expense.....	6,892.41
29.	Outside meter expense.....	
30.	Suburban collections.....	2,932.15
31.	Suburban Land Account.....	1,185.45
32.	Main repairs.....	33,123.04
33.	Meter expense.....	27,800.34
34.	Service connection repairs.....	17,367.80
35.	Automobile Account.....	5,989.82
36.	Lobos Creek.....	990.00
37.	Warehouse No. 1, expense (or pipe yard).....	1,487.07
38.	Warehouse No. 2, expense.....	122.48
39.	Warehouse No. 3, expense.....	466.96
40.	Shipping department.....	9,204.08
41.	Engineers' department.....	28,204.59
42.	Inspectors' department.....	13,565.15
43.	Collectors' department.....	21,355.44
44.	Bookeeping department.....	15,149.35
45.	Legal department.....	14,138.66
46.	Contractors' and builders' department.....	2,757.25
47.	General salaries.....	41,198.17
48.	General expense.....	21,521.35
49.	Office expense.....	12,622.73
50.	Water rate suit.....	216.04
51.	Water rate suit (1907).....	434.10
52.	Pleasanton wells suit.....	1,323.00
53.	Clough case.....	25,154.80
54.	City stables.....	4,938.44
	Total.....	\$549,736.25
	Less credit.....	1,086.49
	Total.....	\$548,649.76

OPERATING EXPENSES SPRING VALLEY WATER COMPANY.

JULY 1, 1907, TO DECEMBER 31, 1907.

1.	City pumps.....	\$ 16,973.05
2.	Black Point pumps.....	9,460.09
3.	Clarendon Heights pumps.....	11,019.87
4.	Precita Valley pumps.....	13,856.67
5.	Ocean View pumps.....	8,914.46
6.	Millbrae pumps.....	185.64
7.	Belmont pumps.....	24,365.30

WATER RATES

977

8. Crystal Springs pumps.....	1,047.40
9. Pilarcitos pumps.....	
10. City reservoirs.....	9,915.19
11. Lake Merced drainage system.....	4,927.70
12. San Andreas reservoir.....	6,208.85
13. Pilarcitos reservoir.....	1,380.46
14. Crystal Springs reservoir.....	8,572.81
15. Portola reservoir.....	40.04
16. San Andreas pipe line.....	7,042.77
17. San Andreas pipe line (Merced branch).....	230.70
18. Pilarcitos pipe line.....	813.57
19. Alameda pipe line.....	6,472.87
20. Crystal Springs pipe line.....	7,734.18
21. Lock's Creek pipe line.....	2,458.37
22. San Mateo pipe yard.....	2,481.46
23. Sunol filter beds, expense.....	5,187.92
24. Pleasanton wells, expense.....	8,617.05
25. Sunol aqueduct.....	1,681.39
26. Calaveras dam, expense.....	362.15
27. Land Account, expense.....	845.66
28. Telephone expense.....	2,370.26
29. Outside meter expense.....	369.93
30. Suburban collections.....	
31. Suburban Land Account.....	
32. Main repairs.....	10,891.94
33. Meter expense.....	11,014.02
34. Service connection repairs.....	18,169.97
35. Automobile Account.....	5,570.08
36. Lobos Creek.....	460.00
37. Warehouse No. 1, expense (or pipe yard).....	1,546.32
38. Warehouse No. 2, expense.....	22.28
39. Warehouse No. 3, expense.....	2,147.55
40. Shipping department.....	5,487.04
41. Engineers' department.....	16,584.75
42. Inspectors' department.....	12,362.45
43. Collectors' department.....	17,258.39
44. Bookkeeping department.....	9,828.20
45. Legal department.....	6,110.33
46. Contractors' and builders' department.....	2,741.55
47. General salaries.....	19,279.92
48. General expense.....	7,020.37
49. Office expense.....	5,569.14
50. Water rate suit.....	
51. Water rate suit (1907).....	635.05
52. Pleasanton wells suit.....	4,265.00
53. Clough case.....	
54. City stable.....	
Total	\$320,500.16

EXHIBIT NO. 15.

STATEMENT SPRING VALLEY WATER COMPANY RECEIPTS AND
DISBURSEMENTS, SIX MONTHS TO DECEMBER 31, 1907.

RECEIPTS.

From water rates.....	\$ 837,851.38
From shipping	61,731.75
From contractors and builders.....	44,025.87
From City	48,906.71
	<hr/>
	\$ 992,515.71
From other sources	39,073.96
	<hr/>
	\$1,031,589.67

DISBURSEMENTS.

Operating expense	\$320,500.16
Replacement	114,735.86
	<hr/>
	\$435,236.02
Taxes	559.15
Interest	355,340.00
	<hr/>
	\$791,135.17
	<hr/>
	\$240,454.50
Paid on account of dividends declared prior to April, 1906.....	260.82
	<hr/>
	\$240,193.68
Paid on account of permanent improvements.....	118,883.90
	<hr/>
	\$278,437.49
Had the first installment of taxes, 1907-1908.....	240,193.68
payment of which was postponed, been made,	
the deficit for this period would have been.....	\$38,243.81

WATER RATES

979

EXHIBIT NO. 16.

AFFIDAVIT OF HARRY SCHWARTZ SHOWING MARKET VALUE OF
SPRING VALLEY STOCK.

In the Circuit Court of the United States, Ninth Judicial Circuit,
Northern District of California. In Equity.

SPRING VALLEY WATER WORKS (a Corporation),
Complainant,

vs.

CITY AND COUNTY OF SAN FRANCISCO (a
Municipal Corporation), The Board of Supervisors of
the City and County of San Francisco, and James
P. Booth, Charles Boxton, Henry U. Brandenstein,
Samuel Braunhart, A. Comte, Jr., John Connor, Peter
J. Curtis, A. A. D'Ancona, George R. Sanderson,
Horace Wilson, George Alpers, Fred N. Bent,
Frederick Eggers, Robert J. Loughery, John A.
Lynch, George B. McClellan, Henry Payot, and
Edward I. Walsh, members of and constituting said
Board of Supervisors,

Defendants.

Affidavit of
Harry Schwartz.

City and County of San Francisco, {
State of California. } ss.

Harry Schwartz being first sworn, deposes and says: I am now and for the past seven years have been the Secretary of the Stock and Bond Exchange of San Francisco, California; that as such Secretary of said Exchange, I am familiar with and know the various quotations of the various stocks bought and sold on said Exchange; that during the past seven years the stock of the Spring Valley Water Works has been bought and sold on said Exchange; that the various quotations of said stock during said last seven years are on record in the books of said Exchange; that as Secretary of said Exchange I have charge, custody and control of the books of said Exchange; that the following is a true and correct statement of the official monthly high and low quotations of the Spring Valley Water Works Company's stock from January, 1899, to April, 1903:

1899.	Low.	High.
January	100 ¼	102 ¼
February	99 ½	102
March	102	103
April	100 ¾	102 ¾
May	100 ½	102 ¾
June	100 ¾	102
July	101 ¼	102 ¼
August	101 ½	102 ½
September	101	102 ¼
October	100 ¼	101 ½
November	94 ¼	101 ½
December	92	96 ¾

WATER RATES

1900.	Low.	High.
January	90 $\frac{7}{8}$	95 $\frac{1}{4}$
February	93 $\frac{1}{4}$	99
March	94 $\frac{5}{8}$	99 $\frac{1}{4}$
April	93	96
May	94 $\frac{1}{2}$	96 $\frac{1}{4}$
June	94 $\frac{3}{4}$	95 $\frac{1}{2}$
July	94	95
August	94 $\frac{1}{2}$	96
September	95 $\frac{1}{4}$	96 $\frac{1}{2}$
October	93	93 $\frac{3}{4}$
November	93 $\frac{1}{8}$	94 $\frac{3}{4}$
December	93 $\frac{3}{8}$	94 $\frac{1}{4}$

1901.	Low.	High.
January	90 $\frac{1}{4}$	93 $\frac{5}{8}$
February	92	94 $\frac{1}{2}$
March	90 $\frac{1}{2}$	94 $\frac{3}{4}$
April	85 $\frac{1}{2}$	92 $\frac{1}{4}$
May	85 $\frac{1}{2}$	89
June	82	86 $\frac{1}{2}$
July	84	88
August	84 $\frac{1}{4}$	87
September	86 $\frac{1}{2}$	88 $\frac{3}{4}$
October	86 $\frac{1}{4}$	89 $\frac{1}{2}$
November	86 $\frac{1}{2}$	90
December	86	87 $\frac{1}{2}$

1902.	Low.	High.
January	85	86 $\frac{1}{4}$
February	85 $\frac{3}{4}$	88 $\frac{3}{4}$
March	89	93 $\frac{1}{2}$
April	92	93 $\frac{1}{2}$
May	90	92 $\frac{1}{4}$
June	88	90
July	88 $\frac{1}{2}$	90
August	88 $\frac{7}{8}$	89 $\frac{3}{4}$
September	88 $\frac{1}{2}$	90 $\frac{1}{4}$
October	83 $\frac{1}{4}$	88 $\frac{7}{8}$
November	84 $\frac{7}{8}$	87
December	84 $\frac{1}{2}$	88 $\frac{1}{2}$

1903.	Low.	High.
January	83 $\frac{1}{4}$	85
February	84 $\frac{3}{4}$	88 $\frac{1}{8}$
March	83	87
April	83 $\frac{3}{8}$	85

HARRY SCHWARTZ.

Subscribed and sworn to before me this 29th day of May, 1903.

J. J. GRIEF,
Deputy County Clerk.

[Endorsed:]

No. 13395. In the U. S. Circuit Court, Ninth Circuit: Northern District of California. Spring Valley Water Works vs. City and County of San Fran-

WATER RATES

981

cisco, et al., Defendants. Affidavit of Harry Schwartz on return of order to show cause why injunction pendente lite should not issue. Service of copy of within original is hereby admitted this 29th day of May, A. D. 1903. M. B. Kellogg, C. N. B., Franklin K. Lane, City Attorney, Solicitor for Defendants. Filed June 2, 1903. Southard Hoffman, Clerk. By W. B. Beazley, Deputy Clerk.

	Low.	High.
1903.		
May	83 $\frac{3}{4}$	85
June	81 $\frac{1}{2}$	84 $\frac{3}{4}$
July	83	87 $\frac{1}{4}$
August	82	85 $\frac{1}{2}$
September	83 $\frac{1}{2}$	85
October	39	41 $\frac{7}{8}$
November	36	40
December	39	39 $\frac{1}{2}$

	Low.	High.
1904.		
January	38 $\frac{3}{4}$	42
February	37 $\frac{3}{4}$	40 $\frac{1}{4}$
March	38 $\frac{3}{4}$	40 $\frac{1}{4}$
April	38 $\frac{1}{2}$	39 $\frac{7}{8}$
May	37 $\frac{1}{2}$	39
June	37 $\frac{1}{2}$	38 $\frac{1}{4}$
July	36 $\frac{1}{2}$	38 $\frac{1}{2}$
August	36 $\frac{3}{8}$	39 $\frac{1}{8}$
September	38 $\frac{1}{4}$	39 $\frac{1}{2}$
October	38	40
November	39	40
December	39	40

	Low.	High.
1905.		
January	37 $\frac{1}{4}$	39 $\frac{1}{4}$
February	37 $\frac{1}{2}$	38 $\frac{1}{4}$
March	37 $\frac{3}{4}$	39
April	38 $\frac{1}{2}$	40
May	37 $\frac{1}{4}$	38 $\frac{3}{4}$
June	37	37 $\frac{3}{4}$
July	36 $\frac{1}{2}$	37 $\frac{1}{4}$
August	36 $\frac{3}{4}$	38 $\frac{3}{4}$
September	38 $\frac{3}{4}$	43
October	40	40 $\frac{3}{4}$
November	39 $\frac{3}{4}$	41 $\frac{3}{4}$
December	40	41

	Low.	High.
1906.		
January	40	40 $\frac{3}{4}$
February	38 $\frac{7}{8}$	40 $\frac{3}{8}$
March	37 $\frac{3}{4}$	39 $\frac{1}{4}$
April. (No Lists. Exchange closed.)		
May. (No Lists. Exchange closed.)		
June. (No Lists. Exchange closed.)		
July	23	24 $\frac{7}{8}$
August	20 $\frac{1}{4}$	23 $\frac{3}{4}$
September	20 $\frac{5}{8}$	24 $\frac{7}{8}$
October	22 $\frac{1}{2}$	25 $\frac{5}{8}$
November	24	26 $\frac{1}{4}$
December	24 $\frac{3}{4}$	25 $\frac{1}{2}$

WATER RATES

1907.	Low.	High.
January	22 $\frac{3}{4}$	25 $\frac{1}{4}$
February	22	23
March	20 $\frac{1}{2}$	22
April	20 $\frac{7}{8}$	21 $\frac{3}{4}$
May	18 $\frac{3}{4}$	21 $\frac{3}{4}$
June	19	20 $\frac{1}{2}$
July	20	21
August	20	25
September	21	23 $\frac{1}{2}$
October	20	20 $\frac{1}{2}$
November	19 $\frac{1}{2}$	20 $\frac{1}{4}$
December	20 $\frac{3}{8}$	21 $\frac{3}{4}$

EXHIBIT NO. 17.

ESTIMATED INCOME FOR THE FISCAL YEAR 1907-1908.

For the half year, July 1, 1907, to December 31, 1907.

From private rates.....	\$ 834,032.26
From shipping	62,002.95
From contractors	44,025.87
	<hr/>
	\$ 940,061.08
From City	39,558.96
	<hr/>
	\$ 979,620.04
From other sources.....	48,481.70
	<hr/>
	\$1,028,101.74

For the half year, January 1, 1908, to June 30, 1908.

From private rates	\$ 876,000.00
From shipping	60,000.00
From contractors	26,000.00
	<hr/>
	\$ 962,000.00
From City	40,000.00
	<hr/>
	\$1,002,000.00
From other sources.....	12,000.00
	<hr/>
	\$1,014,000.00

Total Estimated Product of Schedule of 1902-1903
for the Fiscal Year 1907-1908.

From private rates.....	\$1,710,032.26
From shipping	122,002.95
From contractors	70,025.87
	<hr/>
	\$1,902,061.08
From City	79,558.96
	<hr/>
	\$1,981,620.04
From other sources, estimated.....	60,481.70
	<hr/>
	\$2,042,101.74

WATER RATES

983

EXHIBIT NO. 18.

RECEIPTS, JULY 1, 1907, TO DECEMBER 31, 1907.

Private rates.....	\$837,851.38
Shipping	61,731.75
Contractors	44,025.87
City	48,906.71
	\$992,515.71
For water furnished in 1906-1907.....	79,069.56
	\$913,446.15

ESTIMATED RECEIPTS JANUARY 1, 1908 TO JUNE 30, 1908.

Private rates.....	900,000.00
Shipping	60,000.00
Contractors	26,000.00
City	40,000.00
	\$1,026,000.00
For water furnished prior to January 1, 1908.....	72,247.71
	\$953,752.29

ESTIMATE FOR FISCAL YEAR 1907-1908.

WATER RENTS.

Private rates.....	\$1,737,851.38
Shipping	121,731.75
Contractors	70,025.87
City	88,906.71
	\$2,018,515.71
For water furnished in 1906-07.....	79,069.56
	\$1,939,446.15
Delinquency July 1, 1908.....	42,000.00
	\$1,981,446.15

ESTIMATED COLLECTIONS.

January, 1908	\$ 185,663.30
February, 1908	160,000.00
March, 1908	165,000.00
April, 1908	170,000.00
May, 1908	170,336.70
June, 1908	175,000.00
	\$1,026,000.00

WATER RATES

EXHIBIT NO. 19.

ESTIMATE OF REVENUE OF SPRING VALLEY WATER COMPANY
FOR 1908-1909.

The schedule of 1902-03 produced, exclusive of the City bills (\$39,558.96) for the six months, ending December 31st., 1907.....	\$ 940,061.08
Mr. Booker's estimate for the coming six months of the present fiscal year places the receipts, exclusive of the City bills (of \$40,000) at	962,000.00
Which includes from shipping and contractors.....	211,000.00
<hr/>	
This makes the total estimated revenue from consumers, exclusive of City bills for the present fiscal year 1907-8.....	\$1,902,061.08
Adding the City bills of	79,558.96
<hr/>	
Brings up the total income from water rents for the same fiscal year 1907-8	\$1,981,620.04
It is absolutely impossible under present conditions to make any intelligent forecast as to the business for the fiscal year ending June 30th, 1909.	
Assuming purely as a hypothesis a 10 per cent increase in the business, we should increase our income from private consumers, shown as above as.....	
	\$1,902,061.08
By 10 per cent, or in round numbers.....	190,206.10
<hr/>	
Making a total income from private consumers for the fiscal year ending June 30th, 1909, of.....	\$2,092,267.18
Let us assume, therefore, that the income under 1902 rates for the fiscal year ending June 30th, 1909, to be.....	\$2,092,000.00
We do not think it advisable to raise the rates for shipping and contractors, so if we exclude an estimated income of.....	211,000.00
<hr/>	
From these sources, we shall have from other private consumers for the fiscal year 1908-9.....	\$1,881,035.48
If the rates were increased 15 per cent, this would add.....	282,155.31
<hr/>	
To the above figures, making a total revenue, under such increased rates from private consumers, exclusive of shipping and contractors, of	\$2,163,190.79
If we add liberal estimates for shipping.....	134,000.00
And for contractors	77,000.00
<hr/>	
We shall have for the total income from all private consumers for this period	\$2,374,000.00
The operating expenses are estimated at.....	600,000.00
Taxes	375,000.00
Interest	715,000.00
<hr/>	
Making a total for these purposes of.....	\$1,690,000.00
Taking the estimated income as above of.....	\$2,374,000.00
And deducting fixed charges, operating expenses and taxes of.....	1,690,000.00
<hr/>	
Leaves us a balance of estimated revenue from all private sources for the fiscal year ending June 30th, 1909, of.....	\$ 684,000.00

WATER RATES

985

Assuming \$5.00 to be the monthly rate on hydrants, and that there are 4,000 hydrants in use, which will be found less than the actual number, we should have an additional revenue for hydrants of \$ 240,000.00

The present allowance for City bills, outside of hydrants are as follows:

Schools	\$ 17,000.00
Public buildings	18,000.00
Parks	12,000.00
Total	\$ 47,000.00

Adding 15 per cent would make the total revenue from these..... \$ 54,000.00

The present City allowance for sprinkling streets is \$6,000. It should be \$12,000, which would give with these allowances the following net income for the fiscal year ending June 30th, 1909:

From private rates as above.....	\$ 684,000.00
Hydrants	240,000.00
Schools, parks, public buildings.....	54,000.00
Sprinkling streets	12,000.00

Making a total net income from water.....	\$ 990,000.00
Add from other sources.....	60,000.00

\$1,050,000.00

If we add to this sum of \$1,050,000 the \$715,000 interest paid upon the bonds, we get the total return in the way of revenue to the property the sum of \$1,765,000, which is but 5.7 per cent on a valuation of \$31,000,000.00.

WATER RATES

EXHIBIT NO. 20.
STATEMENT.
SHOWING AMOUNT OF BILLS AS PRESENTED FOR WATER FURNISHED FOR MUNICIPAL PURPOSES FOR 1907,
AND THE REDUCTIONS MADE IN SAME BY THE CITY AUTHORITIES.

	Amount of bills as presented on rates of 1902-3.	Amount if charged under rates of 1907-8.	Cash paid.	Delinquent Dec. 31, 07.	Total amount allowed.
Schools	\$ 16,940.85	\$15,382.90	\$12,044.65	\$1,100.00	\$13,144.65
Buildings	18,217.45	17,075.80	6,666.61	833.33	7,499.94
Streets	6,398.15	6,360.55	5,208.20	1,189.95	6,398.15
Parks	8,604.75	6,975.60	6,957.40	1,647.35	8, 604.75
Libraries	102.10	94.25	99.10	3.00	102.10
Hydrants	78,000.00	39,000.00	34,666.65	3,333.33	37,999.98
	<u>\$128,263.30</u>	<u>\$84,889.10</u>	<u>\$65,642.61</u>	<u>\$8,106.96</u>	<u>\$73,749.57</u>

The above bills as presented were charged at the rates of 1902-03.....\$128,263.30
 The Finance Committee cut this amount down to..... 73,749.57
 Of which we collected during the year 1907..... 65,642.61
 And carried over to the year 1908 a delinquency of..... 8,106.96
 Had these bills been charged at the rates of 1907-08 the amount would have been..... 84,889.10
 Hence the amount allowed was \$11,139.53 less even than the rates purported to have been fixed by the contested schedule of 1907-08.

EXHIBIT NO. 21.

REPORT OF PRICE, WATERHOUSE & CO., CHARTERED
ACCOUNTANTS.

Monadnock Building, San Francisco, February 4, 1908.

A. H. Payson, Esq.,
President Spring Valley Water Company,
San Francisco.

Dear Sir:—In answer to your inquiry regarding depreciation of the properties of the Spring Valley Water Company, we have carefully considered the matter, and beg to report as follows:

We do not think that any question can be raised regarding the necessity of such a charge being provided for by the company. The necessity of providing for depreciation out of the profits of each year has now been recognized by industrial corporations, and until recently we believe that railroads were the only corporations which did not recognize the practice, but in place thereof charged all renewals to operating expenses. Since July 1, 1907, however, the Interstate Commerce Commission have compelled railroads to charge depreciation on equipment to their operating expenses.

The difficulty in the case of the Spring Valley Water Company arises in considering the amount of depreciation that should be set aside. In order to arrive at this figure we have carefully analyzed the various items which go to make up the cost of properties on the Spring Valley books and have eliminated, as not being subject to depreciation, the assets of real estate, tunnels, reservoirs, dams and weirs, forebays, aqueducts, etc., except only such parts thereof as consist of pipes, chutes, gates, etc. While we have eliminated these items as not being subject to depreciation there is, of course, liability to injury on many of these items by disasters such as the late earthquake, but we have assumed that these various items have to be kept in a thoroughly efficient state in order to keep up the water supply of the City, and that all repairs thereof would be charged to operating expenses.

Of the book valuation of properties of over \$45,000,000.00 we have eliminated in this way assets of over \$32,000,000.00, leaving assets of about \$13,000,000.00 which we consider to be subject to depreciation, and of which amount about \$10,500,000.00 is represented by pipe. The question of the amount of depreciation hinges, therefore, largely on the rate of depreciation that should be allowed for renewal of pipe. We understand that this would vary considerably in different soils, and that in the case of your company there would be large variations in the life of the pipe. On the basis of an average life of pipe of thirty years the annual depreciation should, in our opinion, be \$457,000.00 per annum, while, if an average life of forty years could be counted on, the provision for depreciation would be about \$368,000.00 per annum. In arriving at these figures it is, of course, assumed that while the ordinary repairs and such regular small repairs as recur, say every one or two years, would be charged to operating expenses, any substantial renewals would be charged against any depreciation fund which might be established.

Yours very truly,

PRICE, WATERHOUSE & CO.

WATER RATES

EXHIBIT NO. 22.

TABLE OF WATER RATES CHARGED FOR A TWO-STORY DWELLING OCCUPIED BY ONE FAMILY OF FIVE PERSONS, SIX ROOMS, VALUE OF HOUSE \$2,500.00, SIZE OF LOT 25X100; ONE BATH, ONE WATER CLOSET, ONE BASIN, TWO TRAYS, ONE SINK, HOSE FAUCET, AREA OF HOUSE 720 SQ. FEET, TWO STORY.

	City.	State.	Annual Rate.
1.	Detroit	Michigan	\$ 6.28
2.	Minneapolis	Minnesota	8.80
3.	New York	New York	9.00
	SAN FRANCISCO (Rates 1907-08), Cal.....		9.60
4.	St. Paul.....	Minnesota	9.80
5.	St. Louis.....	Missouri	10.00
6.	Cincinnati.....	Ohio	10.30
* 7.	Manchester.....	New Hampshire	12.50
8.	Seattle	Washington	12.60
* 9.	New Haven	Connecticut	13.50
10.	Jersey City.....	New Jersey	13.97
11.	Pittsburg	Pennsylvania	14.50
	SAN FRANCISCO (Rates 1902-03), Cal.....		15.36
12.	Richmond	Virginia	15.50
*13.	Indianapolis	Indiana	15.50
14.	Memphis.....	Tennessee	16.00
15.	Wilmington.....	Delaware	16.00
16.	Kansas City.....	Missouri	16.40
17.	Milwaukee.....	Wisconsin	16.50
18.	Grand Rapids.....	Michigan	16.50
19.	Newark.....	New Jersey	16.75
*20.	Des Moines.....	Iowa	17.50
*21.	Kansas City.....	Kansas	17.75
22.	Boston	Massachusetts	18.00
*23.	Denver	Colorado	18.30
*24.	Oakland	California	18.36
*25.	Wilmington.....	North Carolina	19.00
*26.	Portland	Maine	19.00
*27.	Omaha	Nebraska	19.75
*28.	Birmingham	Alabama	20.50
29.	Portland	Oregon	21.00
*30.	Boise	Idaho	22.45
31.	Louisville	Kentucky	24.00
32.	San Diego	California	24.60
33.	Providence	Rhode Island	26.00
*34.	New Orleans.....	Louisiana	30.50
*35.	Butte	Montana	52.00
			<hr/>
			\$619.11
35	Eastern cities average.....		\$ 17.69
*Private ownership, 14 Eastern cities average.....			21.18
Public ownership, 21 Eastern cities average.....			15.36
1902-1903 San Francisco rate.....			15.36
1907-1908 San Francisco rate.....			9.60

Rates of 1907-08 would place us 4th on this list.

Rates of 1902-03 would place us 12th on this list.

This table is compiled from schedules received since January 1st, 1908.

WATER RATES

989

EXHIBIT NO. 23.

TABLE SHOWING THE LOWEST POSSIBLE ANNUAL RATE FOR WATER
IN THE FOLLOWING NAMED CITIES, TAKEN FROM THE SCHEDULE
OF THE RATES IN USE JANUARY 1, 1908.

City.	State.	Annual Rate.	Remarks.
1. Pittsburg	Pennsylvania	\$ 1.50	1 room.
2. Minneapolis	Minnesota	1.50	5 rooms.
3. St. Louis	Missouri	2.00	3 rooms.
4. Detroit	Michigan	2.60	1 family.
5. SAN FRANCISCO	CALIFORNIA	2.64	400 sq. ft. 1 story.
6. Oakland	California	2.70	400 sq. ft. 1 story.
7. Kansas City	Missouri	2.75	1 room.
8. Cincinnati	Ohio	3.00	2 rooms.
9. St. Paul	Minnesota	3.00	4 rooms.
10. Louisville	Kentucky	3.00	1 room
11. Indianapolis	Indiana	3.00	2 rooms.
12. Wilmington	Delaware	3.00	2 rooms.
13. Kansas City	Kansas	4.00	4 rooms.
14. Denver	Colorado	4.00	4 rooms.
15. Milwaukee	Wisconsin	4.00	2 rooms.
16. Des Moines	Iowa	4.00	6 rooms.
17. Richmond	Virginia	4.00	1 faucet.
18. New York	New York	4.00	16 ft. front.
19. Grand Rapids	Michigan	4.00	4 persons.
20. Manchester	New Hampshire	4.50	5 persons.
21. New Haven	Connecticut	5.00	1 family.
22. Boston	Massachusetts	5.00	Value \$500.00.
23. New Orleans	Louisiana	6.00	4 rooms.
24. Los Angeles	California	6.00	3 rooms.
25. Lincoln	Nebraska	6.00	Meter 50c per mo.
26. Wilmington	North Carolina	6.00	5 persons.
27. Memphis	Tennessee	6.00	1 family.
28. Omaha	Nebraska	6.00	5 rooms.
29. Portland	Oregon	6.00	1 family, 50c per mo.
30. Portland	Maine	6.00	1 family.
31. Providence	Rhode Island	6.00	1 faucet.
32. Newark	New Jersey	6.25	1 family.
33. Jersey City	New Jersey	6.25	15 ft. front, 1 story.
34. Seattle	Washington	7.80	65c per month.
35. Jacksonville	Florida	8.00	Meter value \$500.00.
36. Birmingham	Alabama	8.00	3 rooms.
37. Atlanta	Georgia	9.60	Meter 80c per mo.
38. Alameda	California	12.00	Meter limit \$1 mo.
39. San Diego	California	12.00	3 persons.
40. Boise	Idaho	12.00	5 rooms.
41. Fort Worth	Texas	13.80	Meter \$3.45 quarter.
42. Butte	Montana	18.00	6 rooms, \$1.50 mo.

Average 41 cities—\$5.81 per annum.

San Francisco—\$2.64 per annum.

San Francisco has a minimum rate for families which is the fifth lowest on this list of 42 cities.

WATER RATES

EXHIBIT NO. 24.

ORDINANCE OF 1902, FIXING WATER RATES.

Bill No. 575—Ordinance No. 470—Regulating the monthly rates of compensation to be collected by any person, company or corporation engaged in the business of supplying water to the inhabitants of the City and County of San Francisco for family uses, for private purposes, for municipal uses and for all public purposes of said City and County for the year commencing July 1st, 1902, and ending June 30th, 1903.

Be it ordained by the people of the City and County of San Francisco, That the monthly rates of compensation for supplying water be as follows:

GENERAL RATES.

Section 1. For buildings occupied by a single family, covering a ground surface of (not including porches):

Square Feet.	One Story.	Two Stories.	Three Stories.	Four Stories.	Five Stories.
0 to 400.....	\$0.22	\$0.27	\$0.36	\$0.41	\$0.45
400 to 500.....	.27	.36	.41	.45	.54
500 to 600.....	.36	.41	.45	.54	.63
600 to 700.....	.41	.45	.54	.63	.68
700 to 800.....	.45	.54	.63	.68	.72
800 to 900.....	.54	.63	.68	.72	.76
900 to 1,000.....	.63	.68	.72	.76	.86
1,000 to 1,200.....	.68	.72	.76	.86	.90
1,200 to 1,400.....	.72	.76	.86	.90	.94
1,400 to 1,600.....	.76	.86	.90	.94	.99
1,600 to 1,800.....	.86	.90	.94	.99	1.03
1,800 to 2,000.....	.90	.94	.99	1.03	1.08

The foregoing rates also apply to public buildings. No single rates less than twenty-two (22) cents.

For all houses one story in height, covering a greater area than two thousand square feet, there shall be added nine (9) cents for each additional two hundred square feet or fraction thereof, and the further sum of nine (9) cents for each additional story.

ADDITIONAL FAMILIES.

Where a house or building is occupied by more than one family, the general rate for each additional family shall be three-quarters ($\frac{3}{4}$) of the foregoing rates, except:

First. Where a house or building is divided into flats, each flat having a separate entrance and occupied by a separate family, the general rate charged shall be the same for each flat as for a single house of like dimensions.

Second. Where two or more families occupy the same floor the general rates for each family on such floor shall be the rate for the floor surface occupied by such family (the same as for a single one-story house), according to the foregoing table.

NOTE.—The general rate includes water for general household purposes. but does not include any of the following specified rates:

SPECIAL RATES—BATHING TUBS.

Section 2. Bathing tubs in private houses, each tub, \$0.32.

In public houses, boarding houses, lodging houses, hotels and bathing establishments where meters are not used, each tub, \$0.45.

WATER RATES

991

FOR HORSES AND COWS.

Section 3. For each horse, \$0.18; for each cow, \$0.09.

BOARDING AND LODGING HOUSES, ETC.

Section 4. Boarding and lodging houses, not including water for baths, water closets and urinals, or for water without the houses, shall be charged for each boarder and lodger within the same in addition to the rates for private families, \$0.07.

IRRIGATION GARDENS, ETC.

Section 5. Irrigation for gardens and grounds, one-half ($\frac{1}{2}$) of a cent per square yard; no monthly charge to be less than fifteen (15) cents.

WATER CLOSETS.

Section 6.

For each valve closet for use of public building.....	\$0.45
For each valve closet for use of private building.....	.22
Privy vaults (connected with sewer)—	
For use of public building, each seat.....	\$0.41
For use of private dwelling, each seat.....	.22
All drain closets to be charged at the same rate as privy vaults.	

URINALS AND STATIONARY WASHSTANDS.

Section 7.

For use of public buildings, each.....	\$0.09
For use of private dwellings, each.....	.05

BUILDING PURPOSES.

Section 8. Water furnished for building purposes—

Each barrel of lime or cement.....	\$0.14
Each thousand of brick.....	.09

STORES, BANKS, SALOONS, HOTELS, ETC.

Stores, banks, bakeries, offices, warehouses, saloons, groceries, eating houses, barber shops, butcher shops, book binderies blacksmith shops, confectioners, hotels, lodging houses, boarding houses, churches, halls, laundries, photograph galleries, printing offices, steam engines, greenhouses, markets, market stalls, horse troughs, soda fountains and other places of business, each to be charged according to the estimated quantity used, from eighty-one (81) cents to five dollars and forty cents (\$5.40), or by meter at meter rates.

FIRE PIPES.

Section 9. Meters shall be applied to all pipes used specially for fire protection, and monthly bills shall be charged for the same at regular meter rates, provided, however, that the monthly bill shall not be less than fifty (50) cents for each one-half ($\frac{1}{2}$) inch of diameter of pipe used.

METER RATES.

Section 10. Water furnished for any and all purposes not embraced in the above shall be supplied by meter at the following rates:

The first 2,000 cubic feet used (between 0 and 2,000 cubic feet) shall be charged for at the rate of twenty-five (25) cents per 100 cubic feet.

The next 2,000 cubic feet used (between 2,000 and 4,000 cubic feet) shall be charged for at the rate of twenty-four (24) cents per 100 cubic feet.

The next 2,000 cubic feet used (between 4,000 and 6,000 cubic feet) shall be charged for at the rate of twenty-two (22) cents per 100 cubic feet.

The next 2,000 cubic feet used (between 6,000 and 8,000 cubic feet) shall be charged for at the rate of twenty-one (21) cents per 100 cubic feet.

The next 2,000 cubic feet used (between 8,000 and 10,000 cubic feet) shall be charged for at the rate of twenty (20) cents per 100 cubic feet.

The next 5,000 cubic feet used (between 10,000 and 15,000 cubic feet) shall be charged for at the rate of nineteen (19) cents per 100 cubic feet.

The next 5,000 cubic feet used (between 15,000 and 20,000 cubic feet) shall be charged for at the rate of eighteen (18) cents per 100 cubic feet.

The next 5,000 cubic feet used (between 20,000 and 25,000 cubic feet) shall be charged for at the rate of seventeen (17) cents per 100 cubic feet.

The next 5,000 cubic feet used (between 25,000 and 30,000 cubic feet) shall be charged for at the rate of sixteen (16) cents per 100 cubic feet.

The next 10,000 cubic feet used (between 30,000 and 40,000 cubic feet) shall be charged for at the rate of fifteen (15) cents per 100 cubic feet.

The next 10,000 cubic feet used (between 40,000 and 50,000 cubic feet) shall be charged for at the rate of fifteen (15) cents per 100 cubic feet.

The next 10,000 cubic feet used (between 50,000 and 60,000 cubic feet) shall be charged for at the rate of fourteen (14) cents per 100 cubic feet.

The next 10,000 cubic feet used (between 60,000 and 70,000 cubic feet) shall be charged for at the rate of thirteen (13) cents per 100 cubic feet.

All water used in excess of 70,000 cubic feet per month to be charged for at the rate of twelve (12) cents per 100 cubic feet.

No monthly meter bill to be less than one 80-100 (\$1.80), except as hereinafter provided.

Upon application of any ratepayer, the Board of Supervisors shall reserve the right, upon a proper showing of cause, to require the company to put in a meter and charge meter rates for any consumer of water, on such conditions as the Board may impose as to the rental when the meter is not actually used.

METER RATES FOR SHIPPING.

Water shall be furnished and delivered by meter measurement to shipping lying alongside of the bulkhead or any of the wharves on the water-front where water pipes or mains are laid, between the hours of 6 o'clock a. m. and 6 o'clock p. m., daily, upon application being made therefor, at the following rates: \$1.50 per 1,000 gallons, the minimum charge for each separate delivery to be fifty (50) cents.

No water boat furnishing and supplying water to shipping lying at anchor within the limits of the wharves of the City and County of San Francisco shall charge a rate to exceed three dollars (\$3.00) per 1,000 gallons.

HYDRANT RATES.

Section 11. The rates of compensation to be collected for water supplied by and through hydrants to the City and County of San Francisco shall be two dollars per month for each hydrant for fire purposes and flushing of sewers.

PREVENTION OF WASTE.

Section 12. Prevention of waste or excessive use.—In no case where the fixed rates above provided, other than meter rates, are applicable, shall any charge for water be made by meter rates, it being the purpose of this Ordinance to provide for all dwelling houses a fixed monthly rate, which shall not be increased by the person, company or corporation supplying water.

Provided, however, that for the purpose of discovering and repressing waste or excessive use, all persons, companies or corporations shall have the right in all cases to apply and maintain meters to measure the water used or consumed, and to charge and collect for waste or excessive use under the condition, and to the extent hereafter provided in this section, and not otherwise.

No consumer shall be deemed guilty of waste or excessive use unless the water used or consumed upon his premises in any month shall exceed by fifty (50) per cent the number of cubic feet which at regular meter rates amount to his rated bill, in which case such excess shall be deemed waste or excessive use.

Immediately after the discovery of any waste or excessive use the consumer shall be notified thereof by the person, company or corporation supplying water, by notice mailed to his address, or to the agent or person to whom his water bills are presented for collection.

After such notice the consumer may be charged and there may be collected from him for any waste or excessive use thereafter occurring upon his premises, at regular meter rates, but such charge or collection shall not exceed for the first month the sum of two dollars (\$2.00), for the second month the sum of four dollars (\$4.00), or for any following month the sum of five dollars.

BOARD OF PUBLIC WORKS TO EXAMINE COMPLAINTS, ETC.

It shall be the duty of the Board of Public Works, by its Gas, Water and Electrical Inspector of this City and County, to inquire into all cases of complaints by water consumers, as to charge made against them for waste or excessive use under the foregoing provisions of this section and to adjust such charge as follows:

Any water consumer against whom a water bill is presented containing a charge for waste or excessive use of water, may within five days after such bill is presented to him (provided that he first pay the fixed rate charged on such bill, exclusive of the charge made for said alleged waste or excessive use) make a complaint to said Inspector that such charge is incorrect, whereupon the said Inspector shall promptly inspect the premises of the consumer so complaining and cause a test to be made of the water meter upon said premises, and from such inspection and test and subsequent inspection and test as said Inspector may see fit and proper to make, shall determine as near as can be the amount of water used, consumed or wasted upon said premises during the period covered by said bill. As soon as such determination is made and within twenty (20) days after the said complaint is made, said Inspector shall make a certificate stating amount of water so determined to have been used, consumed or wasted, and showing the true and correct amount, if anything, which may be charged against and collected from said consumer under the foregoing provisions of this section for waste or excessive use, and shall immediately transmit such certificate to the person, company or corporation supplying water, and also a copy thereof by mail to the water consumer.

The said certificate shall be conclusive between the water consumer and said person, company or corporation as to the amount, if anything, which said person, company or corporation shall be entitled to collect from the consumer for waste or excessive use of water during the period covered by the bill of which complaint is made; provided, however, that if either the consumer or the water company is dissatisfied with the certificate of the Water Inspector, appeal may be taken within five (5) days to the Committee on Water and Water Supply of the Board of Supervisors, which shall, within five days after such appeal, hear and finally determine the matter in dispute.

The said Inspector shall keep in his office a proper record or records, showing the date of each complaint made to him, the name of the consumer complaining, the location of his premises, and stating briefly the inspection made by him of the premises and the tests applied to the meter, the time or times

WATER RATES

of such inspection and tests, and the results thereof, with the reading of the meter at each test or inspection, and all other material facts connected therewith. Such records so kept to be open for public examination in his office.

RATES—WHEN PAYABLE.

Section 13. All water rates, except meter rates and City and County rates, are due and payable monthly in advance.

Meter and City and County rates are due and payable at the end of each month, and upon meter rates a deposit not exceeding three-fourths ($\frac{3}{4}$) of the value of the estimated quantity of water to be consumed may be required.

NOTICE OF DISCONTINUANCE.

Section 14. Any consumer may at any time, upon payment of accrued rates, notify the company in writing to cut off or discontinue the water supply upon his premises, after which no charge shall be made for water for said premises until the use of water is resumed.

MAXIMUM RATES FIXED.

Section 15. This Ordinance fixes the maximum beyond which no person, company or corporation shall be permitted to charge for water supplied.

EXHIBIT NO. 25.

SPRING VALLEY WATER COMPANY ESTIMATED OPERATING EXPENSES AND TAXES.

Estimated Operating Expenses, Spring Valley Water Company—	
Fiscal year, 1908-1909.....	\$600,000.00
Estimated Taxes, Spring Valley Water Company—	
Fiscal year, 1908-1909.....	\$375,000.00

EXHIBIT NO. 26.

SPRING VALLEY WATER COMPANY STATEMENT OF VALUATION AS SHOWN ON THE BOOKS OF THE COMPANY DECEMBER 31, 1907.

Systems—	
Pilarcitos System.....	\$ 863,274.40
San Andreas System.....	1,581,154.58
Crystal Springs System.....	3,811,000.00
Lock's Creek Aqueduct.....	415,500.00
Portola System.....	310,784.10
Alameda System.....	3,394,698.03
Lake Merced Drainage.....	346,325.56
	\$10,722,736.67
Pumping Plants—	
Belmont.....	\$ 374,595.00
Millbrae.....	378,635.83
Crystal Springs.....	173,515.00
Lake Merced.....	374,700.00
Black Point.....	191,050.00
Ocean View.....	32,500.00
Clarendon Heights.....	93,190.00
Precita Valley (from Pilarcitos).....	19,790.00
	1,637,975.83

WATER RATES

995

Reservoirs—

Lake Honda	\$ 424,100.00	
University Mound	214,100.00	
College Hill	72,350.00	
Clay street tank	19,850.00	
Lombard street	78,250.00	
Francisco street	61,850.00	
Clarendon Heights	15,700.00	
Potrero Heights	25,850.00	
Presidio Heights	32,450.00	
Carville tank	1,940.00	
Ocean Beach tank	1,800.00	
Fulton street tank	4,168.57	
		952,408.57
City Distributing System (inc. 1904-05-06)		6,466,837.89
Special structures in above		82,635.00
City Properties—Real estate		1,816,814.93
Lake Merced		9,000,000.00
Reservoir and watersheds outside of City		14,537,719.85
Sausalito lots		600.00
		\$45,217,728.74
Amount taken to arbitrarily reduce the valuation of the properties		99,751.27
		\$45,117,977.47
To such a figure that will agree with the book value		696,733.52
		\$45,814,710.99
Less pipe taken up and pumps from Crystal Springs pumps		63,304.27
		\$45,751,406.72
Additions, 1907		355,493.21
		\$46,106,899.93
Total		\$46,106,899.93
Inventory, not on books as cost of property	\$404,330.47	
Less old Ocean View pump abandoned and to be written off	32,005.13	
		372,325.34
Total		\$46,479,225.27

MAJORITY AND MINORITY REPORTS OF WATER RATES COMMITTEE IN MATTER OF FIXING WATER RATES.

On March 2, 1908, the Water Rates Committee presented reports with an accompanying bill fixing water rates for the year 1908-1909. The reports are as follows:

MAJORITY REPORT WATER RATES COMMITTEE.

To the Honorable the Board of Supervisors
of the City and County of San Francisco.

Gentlemen:—Your Committee on Water Rates to whom was delegated the task of preparing a bill fixing and establishing water rates for the year commencing July 1, 1908, and ending June 30, 1909, begs leave to present the following report:

Your Committee has examined the testimony given and the evidence presented to your Honorable Board while sitting in Committee of the Whole, and has also examined and considered the appraisal of the City Engineer of the properties of the Spring Valley Water Company actually used in supplying the City and County of San Francisco and its inhabitants with water.

As a result of such examination, your Committee is of the opinion that the appraisal made by the City Engineer, to wit: the sum of \$24,925,321.00, is essentially a fair and just valuation of said properties. The said appraisal is primarily based upon a very careful and elaborate estimate made by former City Engineer Grunsky in the year 1901, whereby the value of said property was fixed in the sum of \$24,667,800.

The values thereafter were substantially estimated as follows:

In 1902	\$24,468,210.00
In 1903	24,124,389.00
In 1904	24,673,212.00
In 1905	25,001,441.00
In 1906	25,450,327.00
In 1907	24,569,828.00

The reduction made in 1907 was due to the damage to the works by the earthquake of April 18, 1906, which damage remained unrepaired in February, 1907, when said appraisal was made.

Since the last named date, the Spring Valley Water Company has expended in permanent improvements the sum of \$355,493.00, which latter sum has been added to the appraisal made in 1907, thus fixing the appraisal of 1908 in the sum of \$24,925,321.00.

Your Committee is of the opinion that a return of 5 per cent upon the valuation of the water works is a fair and reasonable one. Assuming this return to be fair and reasonable and taking an approximate valuation of \$25,000,000 as the value of the plant, the company should be allowed upon this basis the sum of \$1,250,000.

Under the law as construed by the courts, the rates fixed must allow the said reasonable return upon value of the properties actually used in supplying water, and must also allow operating expenses and taxes. Turning to the evidence submitted by the Spring Valley Water Company, we find that the company estimates that their operating expenses will amount to \$600,000 during the next ensuing fiscal year, and that their taxes will approximate \$375,000.

Your Committee is of the opinion that the claim of \$600,000 for operating expenses is excessive, inasmuch as the estimate is based upon the abnormal conditions which prevailed in the year 1907. We therefore reduce this estimate to the sum of \$575,000. The allowance for taxes is recommended to stand as submitted, it being within the power of your Honorable Board if any error is made in this regard, to correct the same when equalizing the Assessment Roll in July of this year.

Adding to the aforesaid return of \$1,250,000, the operating expenses of \$575,000 and the taxes of \$375,000, we find that the sum of \$2,200,000 should be allowed the company in rates.

The company has been collecting upon the basis of rates fixed in the year 1902, although several reductions have been made by successive Boards of Supervisors from this schedule. Resort, however, was had to the courts by the company for the enforcement of the rates of 1902, and they have been permitted since that time to collect upon that basis.

From the evidence submitted by the Company, as appears in Exhibit No. 17, filed February 11, 1908, the company estimates their income under the rates established by the Ordinance of 1902 in the approximate sum of \$2,042,000. \$1,710,032 of this amount is derived from revenue from private consumers,

other than shipping, contractors, from the City and County and from miscellaneous sources. Assuming that the natural increase in the business this year will be 15 per cent, which your Committee believes to be a very moderate figure, the revenue from private sources, based upon the rates for 1902, will amount to \$1,966,537. In 1903 the Board of Supervisors reduced the consumers' rate 4 per cent, believing that under these reduced rates and considering the normal accretion of business, that the company would be enabled to return the customary 5 per cent on the actual value of the plant, together with the cost of operating expenses and taxes.

Taking from the sum \$1,966,537 aforesaid, income from private consumers—rates 1908-1909 as estimated aforesaid, the sum of 7 per cent—\$137,660, there remains \$1,828,879, which represents practically the rates of 1903, if enforced: to this sum we add the company's estimate, \$122,002 from shipping, \$70,025 from contractors, \$60,481 miscellaneous and other sources, also \$150,000 for City and County water bills, which will aggregate in all \$2,231,390.00.

Complaint has been heretofore made by the officials of the Spring Valley Water Company that the Board of Supervisors has failed to adequately provide in its annual budget for water furnished for municipal purposes, and it is quite likely that there is justice in this claim.

Your Committee will therefore recommend that the sum of \$100,000 be provided in the Budget of the next ensuing fiscal year for water for hydrant purposes: the sum of \$20,000 for water furnished public buildings; the sum of \$6,000 for water for street sprinkling; the sum of \$15,000 for water for schools, and the sum of \$9,000 for parks, which amounts aggregate the \$150,000 specified above.

Your Committee therefore recommend the re-enactment of the Water Rates Bill of 1903, with the exception of the hydrant rate, which is recommended to be fixed at a flat rate of \$100,000 for hydrant service in San Francisco.

D. C. MURPHY.
J. A. JOHNSTON.

BILL FIXING AND ESTABLISHING WATER RATES REPORTED BY
MAJORITY OF WATER RATES COMMITTEE.

BILL NO. 442.—ORDINANCE NO. ———.

(New Series.)

Regulating the monthly rates of compensation to be collected by any person, company or corporation engaged in the business of supplying water to the inhabitants of the City and County of San Francisco for family uses, for private purposes, for municipal uses and all public purposes of said City and County for the year commencing July 1, 1908, and ending June 30, 1909.

Be it ordained by the People of the City and County of San Francisco as follows:

That the monthly rates of compensation for supplying water for the year commencing July 1, 1908, and ending June 30, 1909, shall be as follows:

GENERAL RATES.

Section 1. For buildings occupied by a single family, covering a ground surface of (not including porches):

WATER RATES

Square Feet.	One Story.	Two Stories.	Three Stories.	Four Stories.	Five Stories.
0 to 400.....	\$0.20	\$0.25	\$0.34	\$0.38	\$0.42
400 to 500.....	.25	.34	.38	.42	.50
500 to 600.....	.34	.38	.42	.50	.59
600 to 700.....	.38	.42	.50	.59	.63
700 to 800.....	.42	.50	.59	.63	.67
800 to 900.....	.50	.59	.63	.67	.71
900 to 1,000.....	.59	.63	.67	.71	.80
1,000 to 1,200.....	.63	.67	.71	.80	.84
1,200 to 1,400.....	.67	.71	.80	.84	.87
1,400 to 1,600.....	.71	.80	.84	.87	.92
1,600 to 1,800.....	.80	.84	.87	.92	.96
1,800 to 2,000.....	.84	.87	.92	.96	1.00

The foregoing rates also apply to public buildings. No single rate less than twenty (20) cents.

For all houses one story in height, covering a greater area than two thousand square feet there shall be added nine (9) cents for each additional two hundred square feet or fraction thereof, and the further sum of eight (8) cents for each additional story.

ADDITIONAL FAMILIES.

Where a house or building is occupied by more than one family the general rate for each additional family shall be three-quarters ($\frac{3}{4}$) of the foregoing rates, except:

First. Where a house or building is divided into flats, each flat having a separate entrance and occupied by a separate family, the general rate charged shall be the same for each flat as for a single house of like dimensions.

Second. Where two or more families occupy the same floor, the general rates for each family on such floor shall be the rate for the floor surface occupied by such family (the same as for a single one-story house), according to the foregoing table.

NOTE.—The general rate includes water for general household purposes, but does not include any of the following specified rates:

SPECIAL RATES—BATHING TUBS.

Section 2. Bathing tubs in private houses, each tub, \$0.30. In public houses, boarding houses, lodging houses, hotels and bathing establishments where meters are not used, each tub, \$0.42.

FOR HORSES AND COWS.

Section 3. For each horse, \$0.17; for each cow, \$0.08.

BOARDING AND LODGING HOUSES, ETC.

Section 4. Boarding and lodging houses, not including water for baths, water closets and urinals, or for water without the houses, shall be charged for each boarder and lodger within the same in addition to the rates for private families, \$0.07.

IRRIGATION, GARDENS, ETC.

Section 5. Irrigation for gardens and grounds, one-half ($\frac{1}{2}$) of a cent per square yard; no monthly charges to be less than fourteen (14) cents.

WATER RATES

999

WATER CLOSETS.

Section 6.

For each valve closet for use of public building.....	\$0.42
For each valve closet for use of private dwelling.....	.20
Privy vaults (connected with sewer)—	
For use of public buildings, each seat.....	.38
For use of private dwelling, each seat.....	.20
All drain closets to be charged at the same rate as privy vaults.	

URINALS AND STATIONARY WASHSTANDS.

For use of public buildings, each.....	\$0.08
For use of private dwellings, each.....	.05

BUILDING PURPOSES.

Section 8. Water furnished for building purposes—

Each barrel of lime or cement.....	\$0.13
Each thousand of brick.....	.08

STORES, BANKS, SALOONS, HOTELS, ETC.

Stores, banks, bakeries, offices, warehouses, saloons, groceries, eating houses, barber shops, butcher shops, bookbinderies, blacksmith shops, confectioners, hotels, lodging houses, boarding houses, churches, halls, laundries, photograph galleries, printing offices, steam engines, greenhouses, markets, market stalls, horse troughs, soda fountains and other places of business, each to be charged according to the estimated quantity used, from seventy-five (75) cents to five dollars and two cents (\$5.02) or by meter at meter rates.

FIRE PIPES.

Section 9. Meters shall be applied to all pipes used specially for fire protection, and monthly bills shall be charged for the same at regular meter rates; provided, however, that the monthly bill shall not be less than fifty (50) cents for each one-half ($\frac{1}{2}$) inch of diameter of pipe used.

METER RATES.

Section 10. Water furnished for any and all purposes not embraced in the above shall be supplied by meter at the following rates:

The first 2,000 cubic feet used (between 0 and 2,000 cubic feet), shall be charged for at the rate of twenty-three (23) cents per 100 cubic feet.

The next 2,000 cubic feet used (between 2,000 and 4,000 cubic feet) shall be charged for at the rate of twenty-two (22) cents per 100 cubic feet.

The next 2,000 cubic feet used (between 4,000 and 6,000 cubic feet) shall be charged for at the rate of twenty (20) cents per 100 cubic feet.

The next 2,000 cubic feet used (between 6,000 and 8,000 cubic feet) shall be charged for at the rate of twenty (20) cents per 100 cubic feet.

The next 2,000 cubic feet used (between 8,000 and 10,000 cubic feet) shall be charged for at the rate of nineteen (19) cents per 100 cubic feet.

The next 5,000 cubic feet used (between 10,000 and 15,000 cubic feet) shall be charged for at the rate of eighteen (18) cents per 100 cubic feet.

The next 5,000 cubic feet used (between 15,000 and 20,000 cubic feet) shall be charged for at the rate of seventeen (17) cents per 100 cubic feet.

The next 5,000 cubic feet used (between 20,000 and 25,000 cubic feet) shall be charged for at the rate of sixteen (16) cents per 100 cubic feet.

WATER RATES

The next 5,000 cubic feet used (between 25,000 and 30,000 cubic feet) shall be charged for at the rate of fifteen cents per 100 cubic feet.

The next 10,000 cubic feet used (between 30,000 and 40,000 cubic feet) shall be charged for at the rate of fourteen (14) cents per 100 cubic feet.

The next 10,000 cubic feet used (between 40,000 and 50,000 cubic feet) shall be charged for at the rate of fourteen (14) cents per 100 cubic feet.

The next 10,000 cubic feet used (between 50,000 and 60,000 cubic feet) shall be charged for at the rate of thirteen (13) cents per 100 cubic feet.

The next 10,000 cubic feet used (between 60,000 and 70,000 cubic feet) shall be charged for at the rate of twelve (12) cents per 100 cubic feet.

All water used in excess of 70,000 cubic feet per month to be charge for at the rate of eleven (11) cents per 100 cubic feet.

No monthly meter bill to be less than one dollar and sixty-seven cents (1.67), except as hereinafter provided.

Upon application of any ratepayer, the Board of Supervisors shall reserve the right, upon a proper showing of cause, to require the company to put in a meter and charge meter rates for any consumer of water, on such conditions as the Board may impose as to the rental when meter is not actually used.

METER RATES FOR SHIPPING.

Water shall be furnished and delivered by meter measurement to shipping lying alongside of the bulkhead or any of the wharves on the water front where water pipes or mains are laid, between the hours of 6 o'clock a. m. and 6 o'clock p. m. daily, upon application being made therefor, at the following rates: \$1.50 per 1,000 gallons, the minimum charge for each separate delivery to be fifty (50) cents.

No water boat furnishing and supplying water to shipping lying at anchor within the limits of the wharves of the City and County of San Francisco shall charge a rate to exceed three dollars (\$3.00) per 1,000 gallons.

HYDRANT RATES.

Section 11. The rates of compensation to be collected for water supplied by and through hydrants to the City and County of San Francisco shall be the sum of \$100,000 for the year commencing July 1, 1908, and ending June 30, 1909, said sum to be in full compensation for all hydrants used for fire purposes and for flushing of sewers.

PREVENTION OF WASTE.

Section 12. Prevention of Waste or Excessive Use—In no case where the fixed rates above provided, other than meter rates, are applicable, shall any charge for water be made by meter rates, it being the purpose of this Ordinance to provide for all dwelling houses a fixed monthly rate, which shall not be increased by the person, company or corporation supplying water.

Provided, however, that for the purpose of discovering and repressing waste or excessive use, all persons, companies or corporations shall have the right in all cases to apply and maintain meters to measure the water used or consumed, and to charge and collect for waste or excessive use under the condition and to the extent hereafter provided in this section, and not otherwise.

No consumer shall be deemed guilty of waste or excessive use unless the water used or consumed, upon his premises in any month shall exceed by fifty (50) per cent the number of cubic feet which at regular meter rates amounts to his rated bill, in which case such excess shall be deemed waste or excessive use.

Immediately after the discovery of any waste or excessive use the consumer shall be notified thereof by the person, company or corporation supplying water,

by notice mailed to his address, or to the agent or person to whom his water bills are presented for collection.

After such notice the consumer may be charged and there may be collected from him for any waste or excessive use thereafter occurring upon his premises, at regular meter rates, but such charge or collection shall not exceed for the first month the sum of two dollars (\$2.00), for the second month the sum of four dollars (\$4.00), or for any following month the sum of five dollars (\$5.00).

BOARD OF PUBLIC WORKS TO EXAMINE COMPLAINTS, ETC.

It shall be the duty of the Board of Public Works, by its Gas, Water and Electrical Inspector of this City and County, to inquire into all cases of complaints by water consumers, as to charges made against them for waste or excessive use under the foregoing provisions of this section, and to adjust such charges as follows:

Any water consumer against whom a water bill is presented containing a charge for waste or excessive use of water, may within five days after such bill is presented to him (provided that he first pay the fixed rate charged on such bill, exclusive of the charge made for said alleged waste or excessive use), make complaint to said Inspector that such charge is incorrect, whereupon the said Inspector shall promptly inspect the premises of the consumer so complaining, and cause a test to be made of the water meter upon said premises, and from such inspection and test and subsequent inspection and test as said Inspector may see fit and proper to make, shall determine as near as can be the amount of water used, consumed or wasted upon said premises, during the period covered by said bill. As soon as such determination is made and within twenty (20) days after the said complaint is made, said Inspector shall make a certificate, stating amount of water so determined to have been used, consumed or wasted, and showing the true and correct amount, if anything, which may be charged against and collected from said consumer under the foregoing provisions of this section for waste or excessive use, and shall immediately transmit such certificate to the person, company or corporation supplying water, and also a copy thereof by mail to the water consumer.

The said certificate shall be conclusive between the water consumer and said person, company or corporation as to the amount, if anything, which said person, company or corporation shall be entitled to collect from the consumer for waste or excessive use of water during the period covered by the bill of which complaint is made; provided, however, that if either the consumer or the water company is dissatisfied with the certificate of the Water Inspector, appeal may be taken within five (5) days to the Committee on Water Rates of the Board of Supervisors, which Committee shall within five (5) days after such appeal hear and finally determine the matter in dispute.

The said Inspector shall keep in his office a proper record or records, showing the date of each complaint made to him, the name of the consumer complaining, the location of his premises, and stating briefly the inspection made by him of the premises and the tests applied to the meter, the time or times of such inspection and tests and the results thereof, with the reading of the meter at each test or inspection and all other material facts connected therewith. Such records so kept to be open for public examination in his office.

RATES—WHEN PAYABLE.

Section 13. All water rates, except meter rates and City and County rates, are due and payable monthly in advance.

Meter and City and County rates are due and payable at the end of each month, and upon meter rates a deposit not exceeding three-fourths ($\frac{3}{4}$) of the value of the estimated quantity of water to be consumed may be required.

WATER RATES

NOTICE OF DISCONTINUANCE.

Section 14. Any consumer may at any time, upon payment of accrued rates, notify the company in writing to cut off or discontinue the water supply upon his premises, after which no charge shall be made for water for said premises until the use of water is resumed.

MAXIMUM RATES FIXED.

Section 15. This Ordinance fixes the maximum beyond which no person, company or corporation shall be permitted to charge for water supplied.

MINORITY REPORT OF WATER RATES COMMITTEE.

To the Honorable, The Board of Supervisors,
Of the City and County of San Francisco.

Gentlemen:—The minority of the Committee on Water Rates for fixing rates for the year ending June 30th, 1909, begs leave to report as follows:

ESTIMATED VALUE SPRING VALLEY WATER WORKS.

City Engineer's estimate, January, 1908.....\$24,925,321.00
Col. W. H. Heuer, Report June, 1907..... 30,982,895.00

INCOME.

Company's Estimate [Basis 1902] For 1907-08	Growth	Minority Estimate For 1908-09
Private Rates.....\$1,710,032	7½%.....	\$128,251
Shipping 122,002	Rate Increase	
Contractors..... 70,027	15% on \$1,838,283.....	275,742
City 79,559	[no increase]..	122,002
Other sources, estimated..... 60,482	[no increase]..	70,025
	Hydrants.....	96,000
	Buildings.....	20,000
	Schools.....	34,000
	Streets.....	}
	Parks.....	}
	[no increase]..	60,482
\$2,042,102		\$2,516,534

PAYMENTS.

18 millions in bonds at 4 per cent.....	\$ 720,000
14 millions in stocks at 5 per cent.....	700,000
	\$1,420,000
Operating expenses	\$575,000
Taxes	375,000
	\$2,370,000
Depreciation and betterments.....	146,534
	\$2,516,534

WATER RATES

1003

NOTES.

*The Finance Committee may reduce the City's bill of \$150,000 to equal the Budget, which cuts the Water Companies' income in proportion.

Average bill now paid in San Francisco on private monthly rate (house without meter), .07 cents a day.....\$2.10
 Plus 15 per cent increase, .01 cent a day..... .30

Total\$2.40

Dividends to Stockholders.

The 5 per cent on stock will represent three years' return, or 12-3 per cent per year, as stockholders have had no dividends, but assessment of \$3.00 per share, since 1905.

Therefore, it is recommended that water rates be fixed for the fiscal year to June 30th, 1909, as follows:

Household or Private—Rates of 1902, plus 15 per cent.

City Rate (as shown above)—Annual gross, \$150,000.

Other Rates (as shown above)—Unchanged.

Yours very respectfully,

M. HALL McALLISTER, Supervisor.

San Francisco, Feb. 27, 1908.

Minority on Water Committee.

BILL FIXING AND ESTABLISHING WATER RATES REPORTED BY MINORITY OF WATER RATES COMMITTEE.

BILL NO. 443, ORDINANCE NO. ———.

(New Series.)

Regulating the monthly rates of compensation to be collected by any person, company or corporation engaged in the business of supplying water to the inhabitants of the City and County of San Francisco for family uses, for private purposes, for municipal uses and for all public purposes of said City and County for the year commencing July 1st, 1908, and ending June 30th, 1909.

Be it ordained by the people of the City and County of San Francisco as follows:

That the monthly rates of compensation for supplying water for the year commencing July 1, 1908, and ending June 30, 1909, shall be as follows:

GENERAL RATES.

Section 1. For buildings occupied by a single family, covering a ground surface of (not including porches):

Square Feet.	One Story.	Two Stories.	Three Stories.	Four Stories.	Five Stories.
0 to 400.....	\$0.25	\$0.31	\$0.41	\$0.47	\$0.52
400 to 500.....	.31	.41	.47	.52	.62
500 to 600.....	.41	.47	.52	.62	.72
600 to 700.....	.47	.52	.62	.72	.78
700 to 800.....	.52	.62	.72	.78	.83
800 to 900.....	.62	.72	.78	.83	.87
900 to 1,000.....	.72	.78	.83	.87	.99
1,000 to 1,200.....	.78	.83	.87	.99	1.04
1,200 to 1,400.....	.83	.87	.99	1.04	1.08
1,400 to 1,600.....	.87	.99	1.04	1.08	1.14
1,600 to 1,800.....	.99	1.04	1.08	1.14	1.18
1,800 to 2,000.....	1.04	1.08	1.14	1.18	1.25

The foregoing rates also apply to public buildings. No single rate less than twenty-five (25) cents.

For all houses one story in height, covering a greater area than two thousand square feet, there shall be added ten (10) cents for each additional two hundred square feet or fraction thereof, and the further sum of ten (10) cents for each additional story.

ADDITIONAL FAMILIES.

Where a house or building is occupied by more than one family, the general rate for each additional family shall be three-quarters ($\frac{3}{4}$) of the foregoing rates, except:

First. Where a house or building is divided into flats, each flat having a separate entrance and occupied by a separate family, the general rate charged shall be the same for each flat as for a single house of like dimensions.

Second. Where two or more families occupy the same floor, the general rates for each family on such floor shall be the rate for the floor surface occupied by such family (the same as for a single one-story house), according to the foregoing table.

NOTE.—The general rate includes water for general household purposes, but does not include any of the following specified rates:

SPECIAL RATES—BATHING TUBS.

Section 2. Bathing tubs in private houses, each tub, \$0.37.

In public houses, boarding houses, lodging houses, hotels and bathing establishments, where meters are not used, each tub, \$0.52.

FOR HORSES AND COWS.

Section 3. For each horse, \$0.20; for each cow, \$0.10.

BOARDING AND LODGING HOUSES, ETC.

Section 4. Boarding and lodging houses, not including water for baths, water closets and urinals, or for water without the houses, shall be charged for each boarder and lodger within the same in addition to the rates for private families, \$0.08.

IRRIGATION, GARDENS, ETC.

Section 5. Irrigation for gardens and grounds, one-half ($\frac{1}{2}$) of a cent per square yard; no monthly charge to be less than fifteen (15) cents.

WATER CLOSETS.

Section 6.

For each valve closet for use of public building.....	\$0.52
For each valve closet for use of private dwelling.....	.25
Privy vaults (connected with sewer)—	
For use of public building, each seat.....	.47
For use of private dwelling, each seat.....	.25
All drain closets to be charged at the same rate as privy vaults.	

URINALS AND STATIONARY WASHSTANDS.

Section 7.

For use in public buildings, each	\$0.10
For use of private dwellings, each.....	.05

BUILDING PURPOSES.

Section 8. Water furnished for building purposes—

Each barrel of lime or cement.....	\$0.14
Each thousand of brick.....	.09

STORES, BANKS, SALOONS, HOTELS, ETC.

Stores, banks, bakeries, offices, warehouses, saloons, groceries, eating houses, barber shops, butcher shops, bookbinderies, blacksmith shops, confectioners, hotels, lodging houses, boarding houses, churches, halls, laundries, photograph galleries, printing offices, steam engines, greenhouses, markets, market stalls, horse troughs, soda fountains and other places of business, each to be charged according to the estimated quantity used, from ninety-three (93) cents to six dollars and twenty cents (\$6.20), or by meter at meter rates.

FIRE PIPES.

Section 9. Meters shall be applied to all pipes used specially for fire protection, and monthly bills shall be charged for the same at regular meter rates; provided, however, that the monthly bill shall not be less than fifty (50) cents for each one-half ($\frac{1}{2}$) inch of diameter of pipe used.

METER RATES.

Section 10. Water furnished for any and all purposes not embraced in the above shall be supplied by meter at the following rates:

The first 2,000 cubic feet used (between 0 and 2,000 cubic feet), shall be charged for at the rate of twenty-nine (29) cents per 100 cubic feet.

The next 2,000 cubic feet used (between 2,000 and 4,000 cubic feet) shall be charged for at the rate of twenty-seven (27) cents per 100 cubic feet.

The next 2,000 cubic feet used (between 4,000 and 6,000 cubic feet) shall be charged for at the rate of twenty-five (25) cents per 100 cubic feet.

The next 2,000 cubic feet used (between 6,000 and 8,000 cubic feet) shall be charged for at the rate of twenty-four (24) cents per 100 cubic feet.

The next 2,000 cubic feet used (between 8,000 and 10,000 cubic feet) shall be charged for at the rate of twenty-three (23) cents per 100 cubic feet.

The next 5,000 cubic feet used (between 10,000 and 15,000 cubic feet) shall be charged for at the rate of twenty-two (22) cents per 100 cubic feet.

The next 5,000 cubic feet used (between 15,000 and 20,000 cubic feet) shall be charged for at the rate of twenty-one (21) cents per 100 cubic feet.

The next 5,000 cubic feet used (between 20,000 and 25,000 cubic feet) shall be charged for at the rate of twenty (20) cents per 100 cubic feet.

The next 5,000 cubic feet used (between 25,000 and 30,000 cubic feet) shall be charged for at the rate of eighteen (18) cents per 100 cubic feet.

The next 10,000 cubic feet used (between 30,000 and 40,000 cubic feet) shall be charged for at the rate of seventeen (17) cents per 100 cubic feet.

The next 10,000 cubic feet used (between 40,000 and 50,000 cubic feet) shall be charged for at the rate of seventeen (17) cents per 100 cubic feet.

The next 10,000 cubic feet used (between 50,000 and 60,000 cubic feet) shall be charged for at the rate of sixteen (16) cents per 100 cubic feet.

The next 10,000 cubic feet used (between 60,000 and 70,000 cubic feet) shall be charged for at the rate of fifteen (15) cents per 100 cubic feet.

All water used in excess of 70,000 cubic feet per month to be charged for at the rate of fourteen (14) cents per 100 cubic feet.

No monthly meter bill to be less than two dollars (\$2.00), except as hereinafter provided.

Upon application of any ratepayer, the Board of Supervisors shall reserve the right, upon a proper showing of cause, to require the company to put in a meter and charge meter rates for any consumer of water, on such conditions as the Board may impose as to the rental when meter is not actually used.

METER RATES FOR SHIPPING.

Water shall be furnished and delivered by meter measurement to shipping lying alongside of the bulkhead or any of the wharves on the water front where water pipes or mains are laid, between the hours of 6 o'clock a. m. and 6 o'clock p. m. daily, upon application being made therefor, at the following rates: \$1.50 per 1,000 gallons, the minimum charge for each separate delivery to be fifty (50) cents.

No water boat furnishing and supplying water to shipping lying at anchor within the limits of the wharves of the City and County of San Francisco shall charge a rate to exceed three dollars (\$3.00) per 1,000 gallons.

HYDRANT RATES.

Section 11. The rates of compensation to be collected for water supplied by and through hydrants to the City and County of San Francisco shall be two \$(2.00) dollars per month for each hydrant for fire purposes and flushing of sewers.

PREVENTION OF WASTE.

Section 12. Prevention of Waste or Excessive Use—In no case where the fixed rates above provided, other than meter rates, are applicable, shall any charge for water be made by meter rates, it being the purpose of this Ordinance to provide for all dwelling houses a fixed monthly rate, which shall not be increased by the person, company or corporation supplying water.

Provided, however, that for the purpose of discovering and repressing waste or excessive use, all persons, companies or corporations shall have the right in all cases to apply and maintain meters to measure the water used or consumed, and to charge and collect for waste or excessive use under the condition and to the extent hereafter provided in this section, and not otherwise.

No consumer shall be deemed guilty of waste or excessive use unless the water used or consumed, upon his premises in any month shall exceed by fifty (50) per cent the number of cubic feet which at regular meter rates amounts to his rated bill, in which case such excess shall be deemed waste or excessive use.

Immediately after the discovery of any waste or excessive use the consumer shall be notified thereof by the person, company or corporation supplying water, by notice mailed to his address, or to the agent or person to whom his water bills are presented for collection.

After such notice the consumer may be charged and there may be collected from him for any waste or excessive use thereafter occurring upon his premises, at regular meter rates, but such charge or collection shall not exceed for the first month the sum of two dollars (\$2.00), for the second month the sum of four dollars (\$4.00), or for any following month the sum of five dollars (\$5.00).

BOARD OF PUBLIC WORKS TO EXAMINE COMPLAINTS, ETC.

It shall be the duty of the Board of Public Works, by its Gas, Water and Electrical Inspector of this City and County, to inquire into all cases of complaints by water consumers, as to charges made against them for waste or excessive use under the foregoing provisions of this section, and to adjust such charges as follows:

Any water consumer against whom a water bill is presented containing a charge for waste or excessive use of water, may within five days after such bill is presented to him (provided that he first pay the fixed rate charged on such bill, exclusive of the charge made for said alleged waste or excessive use), make complaint to said Inspector that such charge is incorrect, whereupon the said Inspector shall promptly inspect the premises of the consumer so complaining, and cause a test to be made of the water meter upon said premises, and from such inspection and test and subsequent inspection and test as said Inspector may see fit and proper to make, shall determine as near as can be the amount of water used, consumed or wasted upon said premises, during the period covered by said bill. As soon as such determination is made and within twenty (20) days after the said complaint is made, said Inspector shall make a certificate, stating amount of water so determined to have been used, consumed or wasted, and showing the true and correct amount, if anything, which may be charged against and collected from said consumer under the foregoing provisions of this section for waste or excessive use, and shall immediately transmit such certificate to the person, company or corporation supplying water, and also a copy thereof by mail to the water consumer.

The said certificate shall be conclusive between the water consumer and said person, company or corporation as to the amount, if anything, which said person, company or corporation shall be entitled to collect from the consumer for waste or excessive use of water during the period covered by the bill of which complaint is made; provided, however, that if either the consumer or the water company is dissatisfied with the certificate of the Water Inspector, appeal may be taken within five (5) days to the Committee on Water Rates of the Board of Supervisors, which Committee shall within five (5) days after such appeal hear and finally determine the matter in dispute.

The said Inspector shall keep in his office a proper record or records, showing the date of each complaint made to him, the name of the consumer complaining, the location of his premises, and stating briefly the inspection made by him of the premises and the tests applied to the meter, the time or times of such inspection and tests and the results thereof, with the reading of the meter at each test or inspection and all other material facts connected therewith. Such records so kept to be open for public examination in his office.

RATES—WHEN PAYABLE.

Section 13. All water rates, except meter rates and City and County rates, are due and payable monthly in advance.

Meter and City and County rates are due and payable at the end of each month, and upon meter rates a deposit not exceeding three-fourths ($\frac{3}{4}$) of the value of the estimated quantity of water to be consumed may be required.

NOTICE OF DISCONTINUANCE.

Section 14. Any consumer may at any time, upon payment of accrued rates, notify the company in writing to cut off or discontinue the water supply upon his premises, after which no charge shall be made for water for said premises until the use of water is resumed.

MAXIMUM RATES FIXED.

Section 15. This Ordinance fixes the maximum beyond which no person company or corporation shall be permitted to charge for water supplied.

AMENDMENT TO MAJORITY REPORT.

Supervisor Johnston moved to amend majority report by changing figures for hydrant service from \$60,000 to \$100,000.

NOTE.—Amendments appear in Majority Report and Bill as printed.

The consideration of the foregoing reports was continued until March 9th, 1908.

SUBSTITUTE BILL PASSED TO PRINT.

On March 9 the matter was further considered, and A. H. Payson, E. J. McCutcheon and A. B. Smith, representing the Spring Valley Water Company, addressed the Board.

PASSED FOR PRINTING.

Supervisor Comte moved that rates for the year 1902, as expressed in Ordinance No. 470 of the Board of Supervisors be fixed as the water rates for the year commencing July 1st, 1908, and that said measure in words and figures following be passed for printing:

WATER RATES, 1908-09.

BILL NO 444.—ORDINANCE NO. —.

(New Series.)

Regulating the monthly rate of compensation to be collected by any person, company or corporation engaged in the business of supplying water to the inhabitants of the City and County of San Francisco for family uses, for private purposes, for municipal uses and for all public purposes of said City and County for the year commencing July 1, 1908, and ending June 30, 1909.

Be it ordained by the people of the City and County of San Francisco as follows:

That the monthly rates of compensation for supplying water shall be as follows:

GENERAL RATES.

Section 1. For buildings occupied by a single family covering a ground surface of (not including porches):

Square Feet.	One Story.	Two Stories.	Three Stories.	Four Stories.	Five Stories.
0 to 400.....	\$0.22	\$0.27	\$0.36	\$0.41	\$0.45
400 to 500.....	.27	.36	.41	.45	.54
500 to 600.....	.36	.41	.45	.54	.63
600 to 700.....	.41	.45	.54	.63	.68
700 to 800.....	.45	.54	.63	.68	.72
800 to 900.....	.54	.63	.68	.72	.76
900 to 1,000.....	.63	.68	.72	.76	.86
1,000 to 1,200.....	.68	.72	.76	.86	.90
1,200 to 1,400.....	.72	.76	.86	.90	.94
1,400 to 1,600.....	.76	.86	.90	.94	.99
1,600 to 1,800.....	.86	.90	.95	.99	1.03
1,800 to 2,000.....	.90	.94	.99	1.03	1.08

The foregoing rates also apply to public buildings. No single rate less than twenty-two (22) cents.

For all houses one story in height, covering a greater area than two thousand square feet, there shall be added nine (9) cents for each additional two hundred square feet or fraction thereof, and the further sum of nine (9) cents for each additional story.

ADDITIONAL FAMILIES.

Where a house or building is occupied by more than one family the general rate for each additional family shall be three-quarters ($\frac{3}{4}$) of the foregoing rates, except:

First. Where a house or building is divided into flats, each flat having a separate entrance and occupied by a separate family, the general rate charged shall be the same for each flat as for a single house of like dimensions.

Second. Where two or more families occupy the same floor the general rates for each family on such floor shall be the rate for the floor surface occupied by such family (the same as for a single one-story house), according to the foregoing table.

NOTE.—The general rate includes water for general household purposes, but does not include any of the following specified rates:

SPECIAL RATES—BATHING TUBS.

Section 2. Bathing tubs in private houses, each tub, \$0.32.

In public houses, boarding houses, lodging houses, hotels and bathing establishments where meters are not used, each tub, \$0.45.

FOR HORSES AND COWS.

Section 3. For each horse, \$0.18; for each cow, \$0.09.

BOARDING AND LODGING HOUSES, ETC.

Section 4. Boarding and lodging houses, not including water for baths, water closets and urinals, or for water without the houses, shall be charged for each boarder and lodger within the same in addition to the rates for private families, \$0.07.

IRRIGATION, GARDENS, ETC.

Section 5. Irrigation for gardens and grounds, one-half ($\frac{1}{2}$) of a cent per square yard; no monthly charge to be less than fifteen (15) cents.

WATER CLOSETS.

Section 6.

For each valve closet for use of public building.....	\$0.45
For each valve closet for use of private dwelling.....	.22
Privy vaults (connected with sewer)—	
For use of public building, each seat.....	.41
For use of private dwelling, each seat.....	.22
All drain closets to be charged at the same rate as privy vaults.	

URINALS AND STATIONARY WASHSTANDS.

Section 7.

For use of public buildings, each.....	\$0.09
For use of private dwellings, each.....	.05

BUILDING PURPOSES.

Section 8. Water furnished for building purposes—

Each barrel of lime or cement.....	\$0.14
Each thousand of brick.....	.09

STORES, BANKS, SALOONS, HOTELS, ETC.

Stores, banks, bakeries, offices, warehouses, saloons groceries eating houses, barber shops, butcher shops, book binderies, blacksmith shops, confectioneries, hotels, lodging houses, boarding houses, churches, halls, laundries, photograph galleries, printing offices, steam engines, greenhouses, markets, market stalls, horse troughs, soda fountains and other places of business, each to be charged according to the estimated quantity used, from eighty-one (81) cents to five and forty-hundredths (\$5.40) or by meter at meter rates.

FIRE PIPES.

Section 9. Meters shall be applied to all pipes used specially for fire protection, and monthly bills shall be charged for the same at regular meter rates; provided, however, that the monthly bill shall not be less than fifty (50) cents for each one-half ($\frac{1}{2}$) inch of diameter of pipe used.

METER RATES.

Section 10. Water furnished for any and all purposes not embraced in the above shall be supplied by meter at the following rates:

The first 2,000 cubic feet used (between 0 and 2,000 cubic feet) shall be charged for at the rate of twenty-five (25) cents per 100 cubic feet.

The next 2,000 cubic feet used (between 2,000 and 4,000 cubic feet), shall be charged for at the rate of twenty-four (24) cents per 100 cubic feet

The next 2,000 cubic feet used (between 4,000 and 6,000 cubic feet) shall be charged for at the rate of twenty-two (22) cents per 100 cubic feet.

The next 2,000 cubic feet used (between 6,000 and 8,000 cubic feet) shall be charged for at the rate of twenty-one (21) cents per 100 cubic feet used.

The next 2,000 cubic feet used (between 8,000 and 10,000 cubic feet) shall be charged for at the rate of twenty (20) cents per 100 cubic feet.

The next 5,000 cubic feet used (between 10,000 and 15,000 cubic feet) shall be charged for at the rate of nineteen (19) cents per 100 cubic feet.

The next 5,000 cubic feet used (between 15,000 and 20,000 cubic feet) shall be charged for at the rate of eighteen (18) cents per 100 cubic feet.

The next 5,000 cubic feet used (between 20,000 and 25,000 cubic feet) shall be charged for at the rate of seventeen (17) cents per 100 cubic feet.

The next 5,000 cubic feet used (between 25,000 and 30,000 cubic feet) shall be charged for at the rate of sixteen (16) cents per 100 cubic feet.

The next 10,000 cubic feet used (between 30,000 and 40,000 cubic feet) shall be charged for at the rate of fifteen (15) cents per 100 cubic feet.

The next 10,000 cubic feet used (between 40,000 and 50,000 cubic feet) shall be charged for at the rate of fifteen (15) cents per 100 cubic feet.

The next 10,000 cubic feet used (between 50,000 and 60,000 cubic feet) shall be charged for at the rate of fourteen (14) cents per 100 cubic feet.

The next 10,000 cubic feet used (between 60,000 and 70,000 cubic feet) shall be charged for at the rate of thirteen (13) cents per 100 cubic feet.

All water used in excess of 70,000 cubic feet per month to be charged for at the rate of twelve (12) cents per 100 cubic feet.

No monthly meter bill to be less than one and eighty-hundredths (\$1.80), except as hereinafter provided.

Upon application of any rate payer the Board of Supervisors shall reserve the right, upon a proper showing of cause, to require the company to put in a meter and charge meter rates for any consumer of water, on such conditions as the Board may impose as to the rental when meter is not actually used.

METER RATES FOR SHIPPING.

Water shall be furnished and delivered by meter measure to shipping lying alongside of the bulkhead or any of the wharves on the water front where water pipes or mains are laid, between the hours of 6 o'clock a. m. and 6 o'clock p. m. daily, upon application being made therefor at the following rates: \$1.50 per 1,000 gallons, the minimum charge for each separate delivery to be fifty (50) cents.

No water boat furnishing and supplying water to shipping lying at anchor within the limits of the wharves of the City and County of San Francisco shall charge a rate to exceed three (\$3.00) dollars per 1,000 gallons.

HYDRANT RATES.

Section 11. The rates of compensation to be collected for water supplied by and through hydrants to the City and County of San Francisco shall be two dollars per month for each hydrant for fire purposes and flushing of sewers.

PREVENTION OF WASTE.

Section 12. Prevention of waste or excessive use—

In no case where the fixed rates above provided, other than meter rates, are applicable, shall any charge for water be made by meter rates, it being the purpose of this Ordinance to provide for all dwelling houses at a fixed monthly rate which shall not be increased by the person, company or corporation supplying water.

Provided, however, that for the purpose of discovering and repressing waste or excessive use, all persons, companies or corporations shall have the right in all cases to apply and maintain meters to measure the water used or consumed, and to charge and collect for waste or excessive use under the condition and to the extent hereafter provided in this section, and not otherwise.

No consumer shall be deemed guilty of waste or excessive use unless the water used or consumed upon his premises in any month shall exceed by fifty (50) per cent the number of cubic feet which at regular meter rates amount to his rated bill, in which case such excess shall be deemed waste or excessive use.

Immediately after the discovery of any waste or excessive use the consumer shall be notified thereof by the person, company or corporation supplying water by notice mailed to his address or to the agent or person to whom his water bills are presented for collection.

After such notice the consumer may be charged and there may be collected from him any waste or excessive use thereafter occurring upon his premises at regular meter rates, but such charge or collection shall not exceed for the first month the sum of two dollars (\$2.00), for the second month the sum of four dollars (\$4.00), or for any following month the sum of five dollars (5.00).

BOARD OF PUBLIC WORKS TO EXAMINE COMPLAINTS, ETC.

It shall be the duty of the Board of Public Works, by its Gas, Water and Electrical Inspector of this City and County, to inquire into all cases of complaints by water consumers as to charges made against them for waste or excessive use under the foregoing provisions of this section, and to adjust such charges as follows:

Any water consumer against whom a water bill is presented containing a charge for waste or excessive use of water may within five days after such bill is presented to him (provided that he first pay the fixed rate charged on such bill, exclusive of the charge made for said alleged waste or excessive use) make complaint to said Inspector that such charge is incorrect, whereupon the said Inspector shall promptly inspect the premises of the consumer so complaining and cause a test to be made of the water meter upon said premises, and from such inspection and test and subsequent inspection and test as said Inspector may see fit and proper to make shall determine as near as can be the amount of water used, consumed or wasted upon said premises during the period covered by said bill. As soon as such determination is made and within twenty (20) days after the said complaint is made, said Inspector shall make a certificate stating the amount of water so determined to have been used, consumed or wasted, and showing the true and correct amount, if anything, which may be charged against and collected from said consumer under the foregoing provisions of this section for waste or excessive use, and shall immediately transmit such certificate to the person, company or corporation supplying water, and also a copy thereof by mail to the water consumer.

The said certificate shall be conclusive between the water consumer and said person, company or corporation as to the amount, if anything, which said person, company or corporation shall be entitled to collect from the consumer for waste or excessive use of water during the period covered by the bill of which complaint is made; provided, however, that if either the consumer or the water company is dissatisfied with the certificate of the Water Inspector appeal may be taken within five (5) days to the Committee on Water Rates of the Board of Supervisors, which shall, within five days after such appeal, hear and finally determine the matter in dispute.

The said Inspector shall keep in his office a proper record or records, showing the date of each complaint made to him, the name of the consumer complaining, the location of his premises, and stating briefly the inspection made by him of the premises and the tests applied to the meter, the time or times of such inspection and tests, and the results thereof, with the reading of the meter at each test or inspection, and all other material facts connected therewith. Such records so kept to be open for public examination in his office.

RATES—WHEN PAYABLE.

Section 13. All water rates, except meter rates and city and county rates, are due and payable monthly in advance.

Meter and city and county rates are due and payable at the end of each month, and upon meter rates a deposit not exceeding three-fourths ($\frac{3}{4}$) of the value of the estimated quantity of water to be consumed may be required.

NOTICE OF DISCONTINUANCE.

Section 14. Any consumer may at any time, upon payment of accrued rates, notify the company in writing to cut off or discontinue the water supply upon his premises, after which no charge shall be made for water for said premises until the use of water is resumed.

MAXIMUM RATES FIXED.

Section 15. This ordinance fixes the maximum beyond which no person, company or corporation shall be permitted to charge for water supplied.

Motion carried and Bill 444 passed for printing by the following vote:

Ayes—Supervisors Broderick, Comte, Giannini, Jennings, Murdock, Payot, Pollok, Rixford, Sachs, Stafford—10.

Noes—Supervisors Bancroft, Booth, Hocks, Johnston, McAllister, McLeran, Murphy—7.

Absent—Supervisor Center—1.

FURTHER PROCEEDINGS.

The matter came up in regular order on March 16, and the following proceedings were had:

Supervisor Comte introduced the following Resolution and moved its adoption:

APPOINTMENT OF COMMITTEE OF BOARD TO INVESTIGATE RELATIONS BETWEEN CITY AND SPRING VALLEY WATER COMPANY AND POSTPONEMENT OF ACTION ON BILL NO. 444, ESTABLISHING WATER RATES FOR FISCAL YEAR 1908-9.

Whereas, The Spring Valley Water Company represents that the Ordinance passed to print fixing water rates for the fiscal year 1908-9 is unfair and will be injurious to the company and the people and may lead to further litigation to adjudicate the rights of the people and the company; and

Whereas, The company also represents that there is grave danger that the city will be facing a water famine within a comparatively short time; and

Whereas, The time which can be devoted to an investigation of this nature by the entire Board is necessarily limited, and information of vital importance may be obtained by the appointment of a committee; now, therefore, be it

Resolved, That a committee of seven, consisting of the members of the Water Rates Committee, the Chairman of the Finance Committee, the Chairman of the Public Utilities Committee, the Chairman of the Judiciary Committee and the Chairman of the Fire Committee be appointed to investigate all matters touching the relations between the City and the Spring Valley Water Company, and to report their conclusions, and that until the receipt of the report final action on the Ordinance passed to print be postponed.

PRIVILEGE OF THE FLOOR.

Whereupon Capt. A. H. Payson, President of the Spring Valley Water Company, addressed the Board, calling attention to the necessity of such investigation as contemplated by the Resolution, for the purpose of determining the ability of the Company to supply water for the future needs of the City, and stating that unless something is done in the matter he feared that the City will suffer from a water famine.

MOTION.

Supervisor Murphy moved that that part of Resolution postponing the fixing of rates be stricken out.

Motion lost by the following vote:

Ayes—Supervisors Booth, McLeran, Murphy—3.

Noes—Supervisors Bancroft, Broderick, Center, Comte, Giannini, Hocks, Jennings, Johnston, McAllister, Murdock, Payot, Pollok, Rixford, Sachs, Stafford—15.

ADOPTED.

Whereupon, the question being taken, the Resolution was adopted as Resolution No. 2,068 (New Series), by the following vote:

Ayes—Supervisors Bancroft, Broderick, Center, Comte, Giannini, Hocks, Jennings, Johnston, McAllister, McLeran, Murdock, Payot, Pollok, Rixford, Sachs, Stafford—16.

Noes—Supervisors Booth, Murphy—2.

On March 30 Supervisors Payot and McLeran were added to the Special Committee.

MATTERS BEFORE THE SPECIAL COMMITTEE.

The Special Committee held meetings on April 1, April 7, April 16, June 2 and June 4.

These meetings were attended by the members of the committee, the City Attorney and City Engineer, and representatives of civic bodies.

At the meeting of April 7, A. H. Payson, President of the Spring Valley Water Company, expressed a willingness on the part of the company to sell its properties to the city, and other propositions, which propositions were, upon the request of the committee, submitted in writing by the following communication:

LETTER OF THE SPRING VALLEY WATER COMPANY SUBMITTING PROPOSITIONS.

San Francisco, April 13, 1908.

To the Special Committee of the
Board of Supervisors on Water Supply.

Gentlemen:—At the conclusion of the interview on the evening of April 7th, between your committee and officials of the Spring Valley Water Company, it was suggested that certain propositions which had been made at that meeting, in behalf of the company, should be reduced to writing, and in compliance with this request, we beg to submit the following summary of these propositions and to outline to you the grounds upon which we ask you to establish rates for the coming fiscal year.

The physical conditions of the water supply may be summarized as follows:

The present safe capacity of the plant for distribution in San Francisco is thirty-five million gallons per day, and the consumption of the City approximates that quantity. The average consumption is at least thirty-two million gallons daily, but during the months of September and October of last year exceptional days reached a consumption of thirty-six million.

By the expenditure of approximately two hundred thousand dollars in the erection of a new pump at Ocean View, and an additional force pipe line from

Ocean View to Lake Honda, the delivery to San Francisco can be increased to forty million gallons per day, including the supply now taken from Lake Merced, and this work can be completed within the next four months, if undertaken immediately.

By distributing forty million gallons, we are trenching to the extent of five million gallons a day upon the reserve in the company's reservoirs. In the present condition of these reservoirs this is not a serious matter, in view of the fact that an additional expenditure of from two hundred thousand to two hundred and fifty thousand dollars, which need not necessarily be undertaken this year, would make the company's daily yield of water actually deliverable in San Francisco fully equal to forty million gallons a day. As was explained to your committee, this additional five million gallons per day will be obtained by the installation of pumps at Ravenswood, which will increase the pressure upon the submarine pipes across the bay.

The city is in immediate and urgent need of the additional five million gallons daily, which can only be had—beginning at the expiration of four months from date—by the expenditure of five hundred thousand dollars spread over the coming two years.

Having reached this limit of forty million gallons, however, we are confronted with the fact that any further supply calls for the very large expenditure of money involved in one or the other of the plans for storage reservoirs in the Calaveras water shed, and the still greater expenditure involved in the construction of a necessary conduit for conveying this water to the city limits.

It is impossible, under present conditions, to predict with any approximation to certainty, the growing necessities of San Francisco, and hence impossible to say when the city will be confronted by an absolute necessity for a greater supply than forty million gallons daily. It would take from three to four years, depending upon the seasonal rainfall, to provide these additional storage reservoirs in the Calaveras watershed and establish the conduits for bringing that water to San Francisco.

Under these circumstances, is it not self-evident, even under the lowest calculation of the City's growth in consumption, that immediate steps must be taken for the protection of the City against a water famine?

The water supply upon which the City must rely for at least ten years can only be had from the Spring Valley system, as at present developed, and in the additional development of these Calaveras sources, which, if utilized to their utmost capacity, would afford a daily delivery of from one hundred million to one hundred and fifty million gallons and at much less cost than this additional water could be secured from any other source. There can be no question that this additional development will provide an ample supply for this City for the next forty years. (See Col. Heuer's report, page 8.)

The above summary of the physical conditions brings us to the question of how these additions to the property are to be provided for. This can be done only under two plans:

First. The acquisition of the plant by the City and its development under the City's control.

Second. Its development by the Company.

PLAN FIRST.

As has heretofore been stated, the directors will recommend to the stockholders the sale of the property to the City for the face value of the issued bonds and the outstanding stock, approximating thirty-two million dollars: or if the City does not desire the Lake Merced property to be included in the sale, there may be a deduction of four million dollars from the price named.

with the privilege to the City of using this Lake Merced property for purposes of a water supply only, for such time as this may be desirable, not exceeding ten years, on payment to the Company of a net return of four per cent per annum on this four million dollars.

These are positively the lowest terms at which the directors will recommend to the stockholders the sale of the property, and if it is to be purchased by the City, it may as well be taken for granted, once and for all, that these are the best terms on which it can be obtained. I have repeatedly stated to you that the directors and stockholders firmly believe that this price is far below the actual value of the property, but considerations, which have been stated and made plain to you, have induced a willingness on their part to dispose of the property on these terms. The City does not permanently need Lake Merced as a source of water supply, and could not well use it for anything else than a public park. The land has a speculative value, which would be an inducement to the stockholders to retain it, and thus, in a measure, compensate themselves for what they feel is a lower price than their property should command.

VALUATION BASED ON ESTIMATES.

The present City Engineer, in his estimate of value, expressly stated that he had not included that additional element of value which attached to the Calaveras properties by virtue of the fact that their permanent "serviceability" has been demonstrated by continuous use since the estimate made by Mr. Grunsky in 1901, from which Mr. Manson's figures were exactly taken.

From Mr. Grunsky's report we quote the following:

"What element of value the lands on which the gravel beds of Sunol and the artesian wells near Pleasanton are located may have acquired by reason of water development is difficult to answer with any degree of precision, particularly in view of the fact that in the one case the value depends upon the amount of water obtained and permanently obtainable, and, in the other, largely upon the permanent serviceability of the natural filter."

In his report, Mr. Manson says:

"One other factor of moment which this office has not been able to consider is the value of the Alameda system as a permanent supply which has only been brought out by continued use."

This is a vital omission, and establishes, beyond the possibility of doubt, the fact that the valuation assumed by Mr. Manson is less than the real value of the property by whatever additional amount this permanent reliability of the Calaveras sources, as at present developed, may have established. As the permanent product of this part of the system now practically equals the product of the peninsula system, which was valued by Mr. Grunsky at about ten million dollars, it seems a fair assumption that approximately these figures should be taken as the present value of the trans-bay system, even though there be left out of the question its possibilities as a source of additional supply.

It is to be remembered, further, that the possibility of supplying the City with water for the next ten years rests absolutely upon the future development of these properties and that this prospective value, upon which the security of the city's supply rests, is an important element, which has been entirely omitted in the valuation assumed by the City Engineer.

The lowest estimates of the value of the Company's property have been made by the City engineers or by experts employed by the City. The highest estimates of value have been made by the Company's engineer or by experts employed by the Company. Admitting that all are striving to reach a fair end, it must be conceded that each party approaches the matter from a different point of view. For estimates of value by different engineers you are referred

to Col. Hener's report. You are occupying a position of neutrality as between the City and the Company and are charged with an obligation to deal fairly as between them. Is it not quite as unfair to the Company for you to take the valuation of the City's experts and close your eyes to the Company's estimates, as it would be to the City for you to disregard its estimates and be controlled entirely by the Company's valuations?

VALUATION BASED ON COST.

The actual expenditure for the creation of the system was over twenty-eight million dollars. An allowance for interest during construction added to the twenty-eight million dollars' actual investment will probably exceed the price at which the property can be purchased by the City. This (twenty-eight million dollars) represents the actual cost of properties purchased over a period of more than forty years, the cost of development and the cost of the distributing system. The value of these properties during the last forty years has greatly enhanced. An additional element of value rests in the demonstrated fact that they are now one complete homogeneous water producing system; and still another element of value over the cost is established business. The actual market value today of the Lake Merced lands alone over cost represents several million dollars.

VALUATION BASED ON PRICE OF SECURITIES.

The market quotations of stocks and bonds of the Company have little to do with their actual value. Market quotations are controlled by supply and demand, financial conditions, income and municipal political conditions. The late Board of Supervisors passed a confiscatory rate for the sale of water and passed an ordinance for the forfeiture of the franchise of the Company. Such attacks affect market quotations, but they do not affect actual value. Is it not a matter of common knowledge that, in the present depressed condition of the money market, securities of many corporations can be bought in small lots at prices at which it would be altogether impossible to obtain a substantial holding?

VALUATION BASED ON COST OF REPRODUCTION.

While estimates of engineers and actual cost are aids in determining the value of such a property, after all, its value to the City is the amount of money necessary to be expended to reproduce a system capable of rendering an equivalent service. To reproduce a system capable of supplying to San Francisco forty million gallons of water daily, with potentialities of increase so as to admit of a delivery approximating one hundred and fifty million gallons daily, would cost far in excess of any estimate of value placed upon the Company's property, and far in excess of the actual cost of the same to the Company, and this without taking into consideration the element of established business.

It is interesting to note, in reference to the question of values, that the city of New York is now developing an increased storage and conduit supply to furnish the municipality with an additional one hundred and fifty million gallons per day at an estimated cost of one hundred and eighty million dollars.

PLAN SECOND.

The development of the Spring Valley water system by the Company depends on the re-establishment of the credit of the Company.

The re-establishment of the credit of the Company depends fundamentally on the adoption of a schedule of rates that will, within the not distant future, allow a fair and reasonable return on the value of the property.

In fixing rates two elements must be considered:

First. What is the value of the property?

For consideration of the value of the property, we refer to what has been said heretofore under the heading "Plan First."

Second. What is a fair and reasonable return on the value?

The legal rate of interest in this State is seven per cent. Interest rates in this community on loans amply secured are from six to seven per cent. We cannot—for the purposes of this investigation—undo the existing law regarding the fixing of rates, no matter how illogical or unjust it may be. The law itself makes our income insecure (as evidenced by the treatment of the Company by the late Board of Supervisors). This warrants the classing of the investment as somewhat hazardous, and hence entitled to a greater return than would be expected by an investor whose income was secured. Under the existing conditions of the investment, we are entitled, in all fairness, to a net return of seven percent.

We ask you to fix rates that will yield a net income, in the not far distant future, of six or seven per cent on the actual value of the property necessarily used in providing and distributing the water to consumers. The rates we ask you to establish will not now yield, on a proper basis of accounting, a fair and reasonable income, but they will be accepted in the hope that they will tend to re-establish credit, promote co-operation between the City and the Company and insure the community an abundant water supply.

THE RATES OF 1902.

To determine whether the 1902 schedule should be adopted, comparisons are absolutely necessary.

	1902.	1907.
Operating expenses	\$ 454,013.77	\$ 607,232.07
Taxes	236,828.97	314,933.07
Total	\$ 690,842.74	\$ 922,165.14
Gross revenue	\$1,980,651.72	\$1,907,272.20
Deduct operating expenses and taxes.....	690,842.74	922,165.14
Revenue less operating expenses and taxes.....	\$1,289,808.98	\$ 985,107.06

The net result to the Company on these three items was \$304,701.92 better in 1902 than in 1907, notwithstanding the following capital expenditures for additional construction from 1902 to 1907, viz:

1902	\$ 678,478.25
1903	680,767.01
1904	494,729.20
1905	566,114.08
1906	262,645.76
1907	355,493.21
Total	\$3,038,227.51

A new and important increase in the operating expenses of the Company has resulted from changed conditions arising from the earthquake and fire, in the increased and increasing consumption in the high-level districts of the City, which has necessitated the installation of two additional pumping plants

operated at an annual expense of approximately fifty thousand dollars and whose capacity, in the near future, must be further enlarged to meet the pressing demands of the City.

The increase in cost of operation, aside from this, is easily accounted for by the greater cost of labor, which is forty per cent higher than in 1902, and the additional cost of oil, other materials and, indeed, every element of expense entering into the operation of the property.

The Company has always paid the highest rate of wages and secured the most efficient labor. It has enjoyed an unbroken record of tranquil relations with its employees. It has believed in good wages and good service.

In this connection it should not be forgotten that the taxes for 1908 will be three hundred and seventy-five thousand dollars; that is to say, one hundred and thirty-eight thousand dollars in excess of those for 1902, and sixty thousand dollars in excess of those for 1907.

It must always be borne in mind that the 1902 schedule made no allowance for depreciation or replacement.

In taking the 1902 rate as a basis, no consideration has been given to

Increased taxes,
Increased operating expense,
Capital expenditures since 1902,
Depreciation and replacement.

Is there any honest or intelligent reason, or any rule of equity, for the denial to the Company of proper allowances for these items?

RATE FOR 1908.

We have asked you for a fifteen per cent increase over the rates of 1902, except for shipping and contractors, a five dollar city hydrant rate, and two hundred thousand dollars for a depreciation fund. Two hundred thousand dollars is ten per cent on an income of two million dollars. We will, therefore, assume, for the purpose of placing our requests clearly before you, that a twenty-five per cent increase on the 1902 rates, a five dollar city hydrant rate and sixty thousand dollars for city parks, school buildings, etc., are to be allowed, and place before you the estimated return to the Company on such a schedule.

Private consumers, 1907.....	\$1,710,032.00
It is not fair to assume that there will be an increase during the fiscal year 1908, but let us assume a five per cent increase.....	85,501.00

INCOME 1908.

Total estimated business from private consumers based on 1902 rates	\$1,795,533.00
Twenty-five per cent increase of rates.....	448,883.00
Five-dollar city hydrant rate.....	240,000.00
From city for buildings, schools, streets, parks, etc.....	60,000.00
Shipping	122,002.00
Contractors (overestimated)	70,027.00
Other sources	60,482.00
Total revenue from all sources.....	\$2,796,927.00

CONTRA.

Operating expenses	\$ 600,000.00
Operating expenses, depreciation, replacement.....	200,000.00
Taxes	375,000.00
Balance	1,621,927.00
	\$2,796,927.00

This balance of \$1,621,927 yields:

- 5 per cent on a valuation of \$32,000,000;
- 5.4 per cent on a valuation of \$30,000,000;
- 5.79 per cent on a valuation of \$28,000,000;
- 6.2 per cent on a valuation of \$26,000,000; and
- 6.4 per cent on a valuation of \$25,000,000.

The above results are only obtained by charging an inadequate depreciation or replacement fund.

Whatever differences of opinion may exist as to valuation, the company is nevertheless entitled to the rates asked. In other words, even though the property be worth no more than the City Engineer's estimate, the income on the rates requested by us will be no greater than the stockholders are fairly entitled to receive.

A critical and vital stage has now been reached in the relations between the City and the Company, on whose property the City depends for its water supply. The credit of the Company has been seriously impaired by attacks made on the valuation of its property, by misrepresentations of its resources, by the agitation for a municipal water supply, by an insufficient income caused by low water rates, and by the effort of the late Board of Supervisors to forfeit its franchise. For years past the relations between the City and the Company have been strained. If, in the past, the Company were ever "in politics," for years its relations with the City have been free from any just criticism. The effort of the late Board of Supervisors to wreck the Company is within your knowledge, and the straightforward manner in which that effort was met by the management is also within your knowledge. Is it at all likely that if the Company had been "in politics" this confiscatory effort would have been made?

Early in 1906 changes in management were effected, and the Company is now in the hands of representatives of the shareholders, who are themselves very large owners of stock. For years the shareholders, numbering about two thousand, nearly all of whom are residents of San Francisco, have received but a small income from their property, and since January, 1906, they have not only had no dividends, but have paid in assessments eight hundred and forty thousand dollars, which was largely employed to repair damage caused by the earthquake. It seems to be assumed by some of your members that no credit is to be given for this item in arriving at the rates to which the Company is entitled. An idea exists that the maximum rate of return to the shareholders is to be limited by the amount of dividends that will satisfy a buyer of gilt-edge securities, and, and yet that, if any unusual expense must be incurred to enable the Company to furnish the service to the City, that expense must be borne by the Company. It is only necessary to state this position to show its fallacy. If there were no limit to the return which the shareholders might receive, it would be entirely proper to expect them to meet all expenses of every nature, but it is unfair, unjust and absolutely illogical to limit the Company's income and compel it to meet, out of the pockets of the shareholders, an expense which, had the plant been owned by the City, would have been met by the consumers through the City Treasury.

No business can thrive unless losses can be taken care of out of income. This is a fundamental business principle, which no one will controvert and without adherence to which no business man can long keep out of the bankrupt court. No sane man would invest his money in an enterprise, the income from which was the lowest return which a first-class investment should command, if he knew in advance that the income could, in no event, be increased, but might be reduced, or indeed entirely wiped out, by losses incurred in the conduct of the business. If it is confiscatory to deny to a public-service corporation a fair return for the service rendered, it is equally confiscatory to limit dividends to the lowest return for which money can be had in a safe enterprise, and yet say to the stockholders that they must use such dividends to meet expenditures without which the service cannot be rendered.

How unfair to say to a public-service corporation, which, by act of God, has suffered a loss, that it is its duty to the community to repair the damage, and that in the fixing of rates the public agency will not take into account the cost of such repair, but will allow only the minimum income which a safe investment would surely return, leaving the Company to meet the cost of repair out of the pockets of its stockholders.

If the Interstate Commerce Commission were to exclude any allowance for loss by wrecks and collisions and to fix rates upon a basis which would yield only the minimum dividend on stock, how many of the great railroads would long remain out of the hands of a receiver? And yet wrecks and collisions are not, as a rule, caused by the act of God. The Interstate Commerce Commission, which is the latest and most scientific development of governmental regulation, not only allows for actual losses of this nature, but makes provision for depreciation and replacement.

This amount of eight hundred and forty thousand dollars was used for replacement, no fund for which has ever been allowed or provided in rate schedules adopted by the Supervisors. Future rates must provide a replacement fund.

A review of the past also tends to show other just causes for grievance by the Company. Taxation in 1908 will amount to one hundred and thirty-eight thousand dollars more than in 1902. The City has, from year to year for the last seven or eight years, consistently reduced the allowance to the Company for water furnished the municipality. Receipts for water furnished the City have dwindled from about two hundred and forty thousand dollars in 1901 to seventy-nine thousand five hundred and fifty-nine dollars in 1907, although the quantity consumed has constantly increased. Since 1902 the Company has annually brought suit to annul the rate schedule adopted by the Supervisors.

Last year the Federated Committee, the Chairman of whose Executive Committee was Col. Heuer, recommended an additional appropriation for hydrants of one hundred and eighty thousand dollars. We were explicitly promised this appropriation by the Chairman of the Finance Committee of the Supervisors, and on the strength of that promise the company made large expenditures. The appropriation was not made, and that amount remains today a moral obligation on the part of the City.

The policy of the present management is to upbuild the property. It seeks co-operation of the City authorities, and to that end will give the utmost publicity to its accounts. It will pursue a policy to promote the friendship of the public, and to remove prejudices, many of which have been caused by misrepresentation. If the rates asked for are granted, dividends for the fiscal year 1908 will be limited to four per cent, and if those rates are continued for the fiscal year 1909 the dividend shall not exceed five per cent; and when the dividends have reached six per cent there will be no increase unless there shall be a reduction in rates. We assume, if, after this investigation, your Committee shall take such action as will result in the enactment for the year 1908 of the rates we ask, that they

will be continued for 1909. If they are adopted, we shall, during the coming two years, expend at least five hundred thousand dollars in betterments so as to enable the Company to meet all the needs of the consumers; this expenditure to begin immediately.

We are before you in good faith. We ask for your co-operation in maintaining, extending and improving the property upon which the City depends for its water supply. Granting our request will go far toward restoring our credit, the establishment of friendly relations with the administration will make that credit secure, and it will be our hope that the Company, which for many years has been the subject of bitter hostility, may be conducted in a manner so honorable and efficient as to deserve and receive commendation, thus enabling the officials and employees to devote themselves strictly to the business of furnishing an abundant supply of water, and to ultimately attain low rates for consumers and security for investing shareholders.

A. H. PAYSON,

President Spring Valley Water Company.

COMMUNICATION CONSIDERED.

The foregoing communication was considered by the Special Committee at its meeting on April 16.

It was suggested that an effort be made to get the consent of two-thirds of the stockholders to the disposal of the property of the Spring Valley Water Company as set forth in the above communication.

Supervisor Johnston was delegated with power to get President Payson's offer in writing from the stockholders.

The following letter discloses the attitude of the Directors of the Spring Valley Water Company in respect to offer to dispose of its property:

LETTER OF SPRING VALLEY WATER COMPANY.

San Francisco, California, May 14, 1908.

Hon. J. A. Johnston,

Chairman of the Special Committee

Of the Board of Supervisors on Water Supply.

Dear Sir:—At the conference had at your request in the office of the City Attorney on Saturday, May 9, you stated that the Supervisors felt that the offer of the Spring Valley Water Company for a sale of its property to the City, made first through the Federated Committee and later repeated in my letter of April 13 to your Committee, was not in a sufficient valid and binding form to enable the Supervisors to act upon it.

You suggested, further, that it was necessary, before the Supervisors could take action, that there should be some confirmation of this proposal made by the Directors of the Company emanating from its stockholders.

The offer made through the Federated Committee was reported to the stockholders at the annual meeting of the Company in January, and this report, in a printed statement, has been sent to all of the stockholders, and the proposal made in my letter to your Committee of April 13 has also received the widest publicity; and thus far there has been no dissent from the stockholders as to this proposition for a sale.

The only thing further that could be done by the stockholders would be the formal ratification of the offer of the President at a meeting called for that purpose. This action could hardly be expected in advance of some step by

your Committee indicating that it favors the acquisition of the property on the terms named.

If the stockholders were called together to consider this matter, they would undoubtedly ask the officers whether or not any suggestion or intimation had been made by your Committee of a willingness to recommend the purchase of the property by the City on the terms named. We would be compelled to inform them that no suggestion or intimation had been made, and we think it highly improbable that any further action whatever would be taken by them in the absence of some such evidence of a serious purpose on the part of the City to carry out the plan of purchase.

While the offer made to you in my letter of April 13 has never been formally authorized by the stockholders, nevertheless, I have evidence, which is entirely satisfactory to myself, that the stockholders will formally ratify that offer as soon as they shall have some evidence of a desire on the part of the City to acquire the plant on those terms, or some other consideration which would justify them in ratifying a formal contract made by the directors giving an option on the property for a specified time.

The offer made for a sale was made in good faith, has been practically assented to by the stockholders, and undoubtedly will be carried out on their part should the City show a disposition to meet them with similar evidence of its own good faith.

Your Committee has had this matter under advisement for a long time. It has probably formed an opinion as to the desirability or undesirability of acquiring the property on the terms proposed. We think it is not unreasonable to ask that you give us some evidence of your attitude toward the proposition before we call upon the stockholders to take formal action.

I have heretofore said to you, and I can not too strongly repeat it, that the stockholders consider the price named far below the actual value of the property. You can appreciate that, under these circumstances, it is asking a good deal of them to tie the property up by an option, under which the City may never do anything, and this without any suggestion or intimation that the members of your Committee or the members of the Board of Supervisors favor the purchase.

The terms made to you were in contemplation of a sale to be definitely determined upon within the near future and consummated as soon as the necessary financial arrangements could be completed by the City. It is not our intention to give you an option for an indefinite period, which would make it impossible for the Company to deal otherwise with the property and which, at the same time, would impose no obligation, moral or otherwise, upon the City.

Very truly yours,

(Signed) A. H. PAYSON.

While the matter of the purchase of the property of the Spring Valley Water Company was under consideration by the Board of Supervisors the offer was withdrawn, as shown by the following:

COMMUNICATION WITHDRAWING OFFER.

Office of the President Spring Valley Water Company,
375 Sutter Street.

San Francisco, June 22, 1908.

To the Honorable, the Board of Supervisors,
Of the City and County of San Francisco.

Gentlemen:—In a letter addressed to the Special Committee of the Board of Supervisors on Water Supply, under date of April 13th, 1908, I stated that

WATER RATES

the Directors of the Spring Valley Water Company would recommend to the stockholders of the Company the sale to the City and County of San Francisco of the property (of the Company) for the face value of its outstanding bonds and the outstanding stock.

No response has been made to my letter. You have fixed rates on a basis of valuation very much below the figures named, and have resolved in favor of the acquisition of another water supply.

The offer made to recommend to the stockholders a sale on the terms stated is therefore hereby withdrawn.

Very truly yours,

(Signed) A. H. PAYSON,
President Spring Valley Water Company.

FURTHER PROCEEDINGS.

On June 8 the matter came on to be heard, and Supervisor Johnston proposed Bill No. 563, entitled as were the other bills relating to the subject.

Thereupon the following proceedings were had:

MOTION.

Supervisor McAllister moved to amend the Bill by increasing rates to consumers by 14 per cent over rates of 1902 and allowing a hydrant rate of \$2.50.

Amendment lost by the following vote:

Ayes—Supervisors Broderick, McAllister, Murdock, Pollok—4.

Noes—Supervisors Bancroft, Booth, Center, Connolly, D'Ancona, Giannini, Hocks, Jennings, Johnston, McLeran, Murphy, Rixford—12.

Absent—Supervisors Comte, Payot—2.

PASSED FOR PRINTING.

Whereupon, the question being taken on Bill No. 563, as submitted by Supervisor Johnston, said Bill was passed for printing by the following vote:

Ayes—Supervisors Bancroft, Booth, Center, Connolly, D'Ancona, Giannini, Hocks, Jennings, Johnston, McLeran, Murdock Murphy—12.

Noes—Supervisors Broderick McAllister, Pollok, Rixford—4.

Absent—Supervisors Comte, Payot—2.

FINAL PASSAGE OF ORDINANCE.

On June 15, 1908, the following Ordinance was finally passed, and the vote thereon appears in connection therewith:

BILL NO. 563—ORDINANCE NO. 486.

(New Series.)

Regulating the monthly rates of compensation to be collected by any person, company or corporation engaged in the business of supplying water to the inhabitants of the City and County of San Francisco for family uses, for private purposes, for municipal uses and for all public purposes of said City and County for the year commencing July 1, 1908, and ending June 30, 1909.

WATER RATES

1025

Be it ordained by the people of the City and County of San Francisco as follows:

That the monthly rates of compensation for supplying water shall be as follows:

GENERAL RATES.

Section 1. For buildings occupied by a single family covering a ground surface of (not including porches):

Square Feet.	One Story.	Two Stories.	Three Stories.	Four Stories.	Five Stories.
0 to 400.....	\$0.22	\$0.27	\$0.36	\$0.41	\$0.45
400 to 500.....	.27	.36	.41	.45	.54
500 to 600.....	.36	.41	.45	.54	.63
600 to 700.....	.41	.45	.54	.63	.68
700 to 800.....	.45	.54	.63	.68	.72
800 to 900.....	.54	.63	.68	.72	.76
900 to 1,000.....	.63	.68	.72	.76	.86
1,000 to 1,200.....	.68	.72	.76	.86	.90
1,200 to 1,400.....	.72	.76	.86	.90	.94
1,400 to 1,600.....	.76	.86	.90	.94	.99
1,600 to 1,800.....	.86	.90	.94	.99	1.03
1,800 to 2,000.....	.90	.94	.99	1.03	1.08

The foregoing rates also apply to public buildings. No single rate less than twenty-two (22) cents.

For all houses one story in height, covering a greater area than two thousand square feet, there shall be added nine (9) cents for each additional two hundred square feet or fraction thereof, and the further sum of nine (9) cents for each additional story.

ADDITIONAL FAMILIES.

Where a house or building is occupied by more than one family the general rate for each additional family shall be three-quarters ($\frac{3}{4}$) of the foregoing rates, except:

First. Where a house or building is divided into flats, each flat having a separate entrance and occupied by a separate family, the general rate charged shall be the same for each flat as for a single house of like dimensions.

Second. When two or more families occupy the same floor the general rates for each family on such floor shall be the rate for the floor surface occupied by such family (the same as for a single one-story house), according to the foregoing table.

NOTE.—The general rate includes water for general household purposes, but does not include any of the following specified rates:

SPECIAL RATES—BATHING TUBS.

Section 2. Bathing tubs in private houses, each tub, \$0.32.

In public houses, boarding houses, lodging houses, hotels and bathing establishments where meters are not used, each tub, \$0.45.

FOR HORSES AND COWS.

Section 3. For each horse, \$0.18; for each cow, \$0.09.

BOARDING AND LODGING HOUSES, ETC.

Section 4. Boarding and lodging houses, not including water for baths, water closets and urinals, or for water without the houses, shall be charged for each boarder and lodger within the same in addition to the rates for private families, \$0.07.

IRRIGATION, GARDENS, ETC.

Section 5. Irrigation for gardens and grounds, one-half ($\frac{1}{2}$) of a cent per square yard; no monthly charge to be less than fifteen (15) cents.

WATER CLOSETS.

Section 6.

For each valve closet for use of public building.....	\$0.45
For each valve closet for use of private dwelling.....	.22

Privy vaults (connected with sewer)—

For use of public building, each seat.....	.41
For use of private dwelling, each seat.....	.22
All drain closets to be charged at the same rate as privy vaults.	

URINALS AND STATIONARY WASHSTANDS.

Section 7.

For use of public buildings, each.....	\$0.09
For use of private dwellings, each.....	.05

BUILDING PURPOSES.

Section 8. Water furnished for building purposes—

Each barrel of lime or cement.....	\$0.14
Each thousand of brick.....	.09

STORES, BANKS, SALOONS, HOTELS, ETC.

Stores, banks, bakeries, offices, warehouses, saloons, groceries, eating houses, barber shops, butcher shops, bookbinderies, blacksmith shops, confectioneries, hotels, lodging houses, boarding houses, churches, halls, laundries, photograph galleries, printing offices, steam engines, greenhouses, markets, market stalls, horse troughs, soda fountains and other places of business, each to be charged according to the estimated quantity used, from eighty-one cents (.81) to five and 40-100 dollars (\$5.40) or by meter at meter rates.

FIRE PIPES.

Section 9. Meters shall be applied to all pipes used specially for fire protection, and monthly bills shall be charged for the same at regular meter rates, provided, however, that the monthly bill shall not be less than fifty (50) cents for each one-half ($\frac{1}{2}$) inch of diameter of pipe used.

METER RATES.

Section 10. Water furnished for any and all purposes not embraced in the above shall be supplied by meter at the following rates:

The first 2,000 cubic feet used (between 0 and 2,000 cubic feet) shall be charged for at the rate of twenty-five (25) cents per 100 cubic feet.

The next 2,000 cubic feet used (between 2,000 and 4,000 cubic feet) shall be charged for at the rate of twenty-four (24) cents per 100 cubic feet.

The next 2,000 cubic feet used (between 4,000 and 6,000 cubic feet) shall be charged for at the rate of twenty-two (22) cents per 100 cubic feet.

The next 2,000 cubic feet used (between 6,000 and 8,000 cubic feet) shall be charged for at the rate of twenty-one (21) cents per 100 cubic feet.

The next 2,000 cubic feet used (between 8,000 and 10,000 cubic feet) shall be charged for at the rate of twenty (20) cents per 100 cubic feet.

The next 5,000 cubic feet used (between 10,000 and 15,000 cubic feet) shall be charged for at the rate of nineteen (19) cents per 100 cubic feet.

The next 5,000 cubic feet used (between 15,000 and 20,000 cubic feet) shall be charged for at the rate of eighteen (18) cents per 100 cubic feet.

The next 5,000 cubic feet used (between 20,000 and 25,000 cubic feet) shall be charged for at the rate of seventeen (17) cents per 100 cubic feet.

The next 5,000 cubic feet used (between 25,000 and 30,000 cubic feet) shall be charged for at the rate of sixteen (16) cents per 100 cubic feet.

The next 10,000 cubic feet used (between 30,000 and 40,000 cubic feet) shall be charged for at the rate of fifteen (15) cents per 100 cubic feet.

The next 10,000 cubic feet used (between 40,000 and 50,000 cubic feet) shall be charged for at the rate of fifteen (15) cents per 100 cubic feet.

The next 10,000 cubic feet used (between 60,000 and 70,000 cubic feet) shall be charged for at the rate of fourteen (14) cents per 100 cubic feet.

The next 10,000 cubic feet used (between 60,000 and 70,000 cubic feet) shall be charged for at the rate of thirteen (13) cents per 100 cubic feet.

All water used in excess of 70,000 cubic feet per month to be charged for at the rate of twelve (12) cents per 100 cubic feet.

No monthly meter bill to be less than one and 80-100 dollars (\$1.80), except as hereinafter provided.

Upon application of any ratepayer the Board of Supervisors shall reserve the right, upon a proper showing of cause, to require the company to put in a meter and charge meter rates for any consumer of water, on such conditions as the Board may impose as to the rental when meter is not actually used.

METER RATES FOR SHIPPING.

Water shall be furnished and delivered by meter measurement to shipping lying alongside of the bulkhead or any of the wharves on the water-front where water pipes or mains are laid, between the hours of 6 o'clock a. m. and 6 o'clock p. m., daily, upon application being made therefor at the following rates: \$1.50 per 1,000 gallons, the minimum charge for each separate delivery to be fifty (50) cents.

No water boat furnishing and supplying water to shipping lying at anchor within the limits of the wharves of the City and County of San Francisco shall charge a rate to exceed three dollars (\$3.00) per 1,000 gallons.

HYDRANT RATES.

Section 11. The rates of compensation to be collected for water supplied by and through hydrants to the City and County of San Francisco shall be two dollars and fifty cents (\$2.50) per month for each hydrant for fire purposes and flushing of sewers.

PREVENTION OF WASTE.

Section 12. Prevention of Waste or Excessive Use—In no case where the fixed rates above provided, other than meter rates, are applicable, shall any charge for water be made by meter rates, it being the purpose of this Ordinance to provide for all dwelling houses a fixed monthly rate which shall not be increased by the person, company or corporation supplying water.

Provided, however, that for the purpose of discovering and repressing waste or excessive use, all persons, companies or corporations shall have the right in all cases to apply and maintain meters to measure the water used or consumed, and to charge and collect for waste or excessive use under the condition and to the extent hereafter provided in this section, and not otherwise.

No consumer shall be deemed guilty of waste or excessive use unless the water used or consumed upon his premises in any month shall exceed by fifty (50) per cent the number of cubic feet which at regular meter rates amount to his rated bill, in which case such excess shall be deemed waste or excessive use.

Immediately after the discovery of any waste or excessive use the consumer shall be notified thereof by the person, company or corporation supplying water by notice mailed to his address or to the agent or person to whom his water bills are presented for collection.

After such notice the consumer may be charged and there may be collected from him for any waste or excessive use thereafter occurring upon his premises at regular meter rates, but such charge or collection shall not exceed for the first month the sum of two dollars (\$2), for the second month the sum of four dollars (\$4), or for any following month the sum of five dollars.

BOARD OF PUBLIC WORKS TO EXAMINE COMPLAINTS, ETC.

It shall be the duty of the Board of Public Works, by its Gas, Water and Electrical Inspector of this City and County, to inquire into all cases of complaints by water consumers as to charges made against them for waste or excessive use under the foregoing provisions of this section, and to adjust such charge as follows:

Any water consumer against whom a water bill is presented containing a charge for waste or excessive use of water may within five days after such bill is presented to him (provided that he first pay the fixed rate charged on such bill, exclusive of the charge made for said alleged waste or excessive use) make complaint to said Inspector that such charge is incorrect, whereupon the said Inspector shall promptly inspect the premises of the consumer so complaining and cause a test to be made of the water meter upon said premises, and from such inspection and test and subsequent inspection and test as said Inspector may see fit and proper to make shall determine as near as can be the amount of water used, consumed or wasted upon said premises during the period covered by said bill. As soon as such determination is made and within twenty (20) days after the said complaint is made, said Inspector shall make a certificate stating the amount of water so determined to have been used, consumed or wasted, and showing the true and correct amount, if anything, which may be charged against and collected from said consumer under the foregoing provisions of this section for waste or excessive use, and shall immediately transmit such certificate to the person, company or corporation supplying water, and also a copy thereof by mail to the water consumer.

The said certificate shall be conclusive between the water consumer and said person, company or corporation as to the amount, if anything, which said person, company or corporation shall be entitled to collect from the consumer for waste or excessive use of water during the period covered by the bill of which complaint is made; provided, however, that if either the consumer or the water

company is dissatisfied with the certificate of the Water Inspector appeal may be taken within five (5) days to the Committee on Water Rates of the Board of Supervisors, which shall, within five days after such appeal, hear and finally determine the matter in dispute.

The said Inspector shall keep in his office a proper record or records, showing the date of each complaint made to him, the name of the consumer complaining, the location of his premises, and stating briefly the inspection made by him of the premises and the tests applied to the meter, the time or times of such inspection and tests, and the results thereof, with the reading of the meter at each test or inspection, and all other material facts connected therewith. Such records so kept to be open for public examination in his office.

RATES—WHEN PAYABLE.

Section 13. All water rates, except meter rates and City and County rates, are due and payable monthly in advance.

Meter and City and County rates are due and payable at the end of each month, and upon meter rates a deposit not exceeding three-fourths ($\frac{3}{4}$) of the value of the estimated quantity of water to be consumed may be required.

NOTICE OF DISCONTINUANCE.

Section 14. Any consumer may at any time, upon payment of accrued rates, notify the company in writing to cut off or discontinue the water supply upon his premises, after which no charge shall be made for water for said premises until the use of water is resumed.

MAXIMUM RATES FIXED.

Section 15. This Ordinance fixes the maximum beyond which no person, company or corporation shall be permitted to charge for water supplied.

In Board of Supervisors, San Francisco, June 15, 1908.

After having been published five successive days, according to law, taken up and finally passed by the following vote:

Ayes—Supervisors Bancroft, Broderick, Center, Connolly, D'Ancona, Giannini, Hoeks, Jennings, Johnston, McLeran Murphy, Payot.

Noes—Supervisors Comte, McAllister, Murdock, Pollok, Rixford.

Absent—Supervisor Booth.

JOHN E. BEHAN Clerk.

The above Ordinance No. 486 (New Series), not having been approved by His Honor, the Mayor, and ex-officio President of the Board of Supervisors, or returned to this Board with his objections thereto, within ten days of the presentation thereof, has become valid in accordance with the provisions of Section 16, Chapter 1, Article 2 of the Charter.

JOHN E. BEHAN Clerk.

San Francisco, June 27, 1908.

Gas and Electricity Rates

Light, Heat and Power Rates, 1905-1906

The Charter of the City and County of San Francisco, Article II, Chapter II, Sec. 1, Sub. 14, empowers the Board of Supervisors "to fix and determine by Ordinance, in the month of February of each year, to take effect on the 1st day of July thereafter, the rates or compensation to be collected by any person, company or corporation in the City and County, for the use of water, heat, light, power, or telephonic service, supplied to the City and County, or to the inhabitants thereof, and to prescribe the quality of the service."

In order that the Board of Supervisors might obtain information upon which to intelligently fix the rates or compensation to be collected by any person, company or corporation, for the use of gas or electric light or power supplied to the City and County, or the inhabitants thereof, for the year commencing July 1, 1908, the Board, on December 30, 1907, adopted the following Resolution "requiring persons, companies and corporations furnishing heat, light or power, to furnish information as to the revenue derived, the expenditure and the cost of the plant, etc.," viz.:

RESOLUTION NO. 1761.

(New Series.)

Resolved, That the San Francisco Gas and Electric Company, the San Francisco Coke and Gas Company, the Mutual Electric Light Company, the Standard Electric Light Company, the United Railroads of San Francisco, the Sutro Baths and all other persons, companies or corporations supplying heat, light or power to this City and County or to the inhabitants thereof, be and they are hereby required to furnish this Board on or before February 18, 1908, with the following information, to wit:

First. A detailed statement showing all revenue derived by such person, company or corporation supplying heat, light or power, from all sources, for the year ending December 31, 1907.

Second. An itemized statement showing all expenditures made for the manufacture and supply of heat, light or power for the year ending December 31, 1907.

Third. The original cost and the estimated present value of the plant used for the manufacture and supply of heat, light and power.

Fourth. If it be a company or corporation the amount of the capital stock of the company or corporation outstanding, the amount of the bonds of the company or corporation outstanding, and the amount of the floating debt of the company or corporation.

The above statements to be verified by the oath of the president of such company or corporation, or of such person, as the case may be.

The object of this inquiry is in order that this Board may obtain information upon which to fix and determine, in the month of February, the rates or compensation to be collected by any person, company or corporation in this City and County for the use of heat, light or power supplied to this City and

County or to the inhabitants thereof, and to prescribe the quality of the service, as provided under the provisions of the new Charter of the City and County of San Francisco, Article II, Chapter II, Section 1, Subdivision 14, under the title "Powers of the Supervisors."

Further Resolved, That the Clerk of this Board be and he is hereby directed to forthwith serve a certified copy of this resolution upon the president and secretary of each company or corporation, or upon such person, hereinbefore mentioned, and upon all other companies or corporations, or such persons, as the case may be, furnishing heat, light or power to this City and County or to the inhabitants thereof.

And the Clerk is hereby directed to advertise this Resolution in the Evening Post newspaper.

In the Board of Supervisors, San Francisco, December 30, 1907.

Adopted by the following vote:

Ayes—Supervisors Booth, Brandenstein, Brenner, Center, Comte, D'Ancona, Faymonville, Molera, Magee, Murdock, Murphy, O'Neill, Payot, Rixford, Sachs, Stafford, Sullivan and Tveitmoe.

JOHN E. BEHAN Clerk.

Approved, San Francisco, December 31, 1907.

EDWARD R. TAYLOR,
Mayor and ex-officio President of the Board of Supervisors.

RESPONSES TO THE RESOLUTION.

In response to the foregoing resolution the following letters were received:

United Railroads of San Francisco
Office of Secretary and Controller
Oak and Broderick streets

San Francisco, January 8, 1908.

Mr. John E. Behan,
Clerk of the Board of Supervisors,
San Francisco.

Dear Sir:—In your communication of January 4th, 1908, you direct the attention of this company to the provisions of Resolution No. 1761 (New Series) of the Board of Supervisors.

In reply, I will say that this company is not engaged in the business of nor operating its plants for the sale of electric power, heat or light to the City and County or to the inhabitants thereof. Its plants are used exclusively in supplying light, heat and power in the operation of its street railway system. It does not, nor never has furnished light, heat or power to any of the inhabitants of this City and County, excepting on a few occasions it has furnished electric power, in very limited quantities, and as a special accommodation to a few parties who were temporarily unable to obtain same from the regular lighting and power companies.

Respectfully yours,

GEO. B. WILLCUTT,
Secretary and Controller.

GAS AND ELECTRICITY RATES

Estate of Adolph Sutro
2323 Washington street, San Francisco, Cal.

San Francisco, Cal., January 10, 1908.

The Honorable Board of Supervisors,
City and County of San Francisco,
70 Eddy street, San Francisco.

Gentlemen:—In compliance with your Resolution No. 1761 (New Series), I beg to state that the Sutro Baths have not furnished heat, light or power to the City and County, or the inhabitants thereof, during the year ending December 31, 1907, using all made on the premises themselves.

Yours very truly,

ESTATE OF ADOLPH SUTRO.

By Emma L. Merritt,
Executrix.

California Gas and Electric Corporation
925 Franklin St., S. W. cor. Ellis
San Francisco

February 8, 1908.

Hon. Board of Supervisors
of the City and County of San Francisco,
San Francisco, Cal.

Gentlemen:—Replying to letter from your Clerk under date of February 6th, requesting filing of statement under Resolution No. 1761, The Standard Electric Company of Cal. begs to advise that it did not, during the year 1907, furnish to either the City and County of San Francisco or to the inhabitants thereof, any electric current for light, heat or power purposes.

Yours very truly,

JOHN A. BRITTON,
President.

Metropolitan Light and Power Co.
(Formerly San Francisco Coke and Gas Co.)
Office: 914 and 916 O'Farrell Street

San Francisco, Cal., February 7, 1908.

Mr. John E. Behan,
Clerk Board of Supervisors,
70 Eddy street, City.

Dear Sir:—Referring to your letter of December 6th, 1908, signed by J. E. Behan, Clerk, per E. A. B., asking for the statement from the San Francisco Coke and Gas Co. required by Resolution No. 1761 (New Series), Board of Supervisors, I beg to inform you that the San Francisco Coke and Gas Company has changed its name to that of the Metropolitan Light and Power Company and that the statement required by said Resolution was furnished the Board of Supervisors about a week ago.

Yours very truly,

CHAS. G. LYMAN,
Manager.

San Francisco Gas and Electric Company
925 Franklin St., S. W. cor. Ellis
San Francisco

February 8, 1908.

Mr. John E. Behan,
Clerk Board of Supervisors,
70 Eddy street, City.

Dear Sir:—I beg to acknowledge receipt of yours of the 6th instant regarding the furnishing of information desired under Resolution No. 1761 (New Series), and to advise that it has gone forward under another cover.

I would have been more prompt in filing the same, but from the reading of the Resolution inferred it was not required until the 17th instant.

Yours very truly,

JOHN A. BRITTON.

President.

INVESTIGATION COMMENCED.

The Board of Supervisors, on February 13, 1908, commenced the investigation preliminary to fixing rates for light, heat and power for the year commencing July 1, 1908, and ending June 30, 1909, and resolved itself into the Committee of the Whole for that purpose, with Supervisor Sachs in the chair.

The Committee reported to the Board as follows:

That it had heard the testimony of John A. Britton, president of the San Francisco Gas and Electric Company, and Edward C. Jones, engineer of said company, relative to the cost of manufacture and distribution of gas in San Francisco, and that statements had been filed and marked Exhibits 1 and 2.

The further hearing of the matter was continued until February 18th, when the investigation was resumed in the Committee of the Whole. The Committee reported as follows: That it had heard further testimony from John A. Britton and E. C. Jones, president and engineer, respectively, of the San Francisco Gas and Electric Company, and that additional statements had been filed and marked Exhibits 3 and 4.

Further hearing was continued until February 20th, at which time the investigation was resumed in the Committee of the Whole. The Committee reported as follows: That it had heard further testimony from John A. Britton, president, and from D. A. White, manager of the Gas Contract Department of the San Francisco Gas and Electric Company; that the inquiry had been completed, with the understanding that additional evidence might be submitted; that the Committee on Artificial Lights be directed to report a bill fixing and establishing rates for the year ending June 30, 1909.

The following are the exhibits filed in this connection:

EXHIBIT NO. 1.

STATEMENT OF THE SAN FRANCISCO GAS AND ELECTRIC COMPANY.

State of California, }
City and County of San Francisco. } ■■.

John A. Britton, being first duly sworn, deposes and says: That he is the President of the San Francisco Gas and Electric Company, and that the following attached statement, covering the statements required by Resolution No. 1761 (New Series) of the Board of Supervisors of the City and County of San

GAS AND ELECTRICITY RATES

Francisco, adopted December 30th, 1907, is true and correct, to the affiant's best knowledge and belief.

JOHN A. BRITTON.

Subscribed and sworn to before me this 8th day of February, A. D. 1908.

HAMILTON A. BAUER,

(Seal) Notary Public in and for the City and County of San Francisco,
State of California.

To His Honor Mayor Taylor, and
the Honorable Board of Supervisors,
of the City and County of San Francisco.

Gentlemen:—Pursuant to your request the San Francisco Gas and Electric Company begs to submit the following statement for the year 1907.

First:

REVENUE.

From sales of gas.....	\$2,065,171.53	
From sales of electric current.....	2,163,307.19	
From all other sources—		
Gas	\$69,684.36	
Electric	11,715.28	
	<u>81,399.64</u>	
		\$4,309,878.36

Second:

COSTS.

Gas	\$2,291,672.39	
Electric current.....	1,860,498.70	
	<u>4,152,171.09</u>	
Gain for year.....		\$ 157,707.27

Third:

ORIGINAL COST OF PLANT.

Gas	\$16,803,639.88	
Electric	6,535,216.85	
	<u>\$23,338,856.73</u>	

PRESENT COST OF PLANT.

Gas.....Plant	\$9,568,232.06	
Pipes	7,322,322.65	
Meters	915,883.44	
Lamps	87,735.12	
	<u>\$17,894,173.27</u>	
Electric ....Plant	\$6,912,936.53	
Conduits	2,171,238.25	
Meters	395,176.84	
	<u>9,479,351.62</u>	
Present value of plant.....		\$27,373,524.89

Fourth:

Capital outstanding	15,794,284.36
Amount of Bonds outstanding.....	9,800,000.00
Amount of Floating Debt (net).....	1,998,436.82

Respectfully submitted,

SAN FRANCISCO GAS AND ELECTRIC COMPANY.

JOHN A. BRITTON, President.

EXHIBIT NO. 2.

STATEMENT OF THE METROPOLITAN LIGHT AND POWER COMPANY.

San Francisco, January 29, 1908.

To the Honorable Board of Supervisors
of the City and County of San Francisco,
State of California.

Gentlemen:—Referring to your Resolution No. 1761 (New Series), adopted December 30th, 1907, the Metropolitan Light and Power Company begs to submit the following statement as required by said Resolution:

ANSWER NO. 1.

The following is a detailed statement showing all revenue derived by such corporation from all sources for the year ending December 31, 1907:

Revenue gas sales\$181,941.20

ANSWER NO. 2.

The Metropolitan Light and Power Company submits an itemized statement showing all expenditures made for the manufacture and supply of gas for the year ending December 31, 1907.

Manufacturing expense.....	\$ 72,231.67
Distribution	24,127.86
Commercial expense.....	15,981.56
General expense.....	92,646.16
New business.....	11,416.75
Storeroom expense.....	2,447.97
	<hr/>
Total	\$218,851.97

ANSWER NO. 3.

The Metropolitan Light and Power Company submits as follows: The original cost and the estimated value of the plant—

Original cost of plant.....	\$6,088,666.93
Estimate present value of plant.....	6,088,666.93

ANSWER NO. 4.

The Metropolitan Light and Power Company submits the amount of capital stock of the company outstanding, the amount of bonds of the company, and the amount of floating indebtedness.

“A”—Amount of capital stock outstanding.....	\$4,555,500.00
“B”—Amount of bonds outstanding.....	1,455,000.00
“C”—Amount of floating indebtedness.....	298,481.22

Respectfully submitted,

State of California, }
City and County of San Francisco. } ss.

Leopold Michels, being duly sworn says that he is the President of the Metropolitan Light and Power Company, and that the foregoing statement of its affairs is full, true and correct.

LEOPOLD MICHELS.

Subscribed and sworn to before me this 30th day of January, 1908.

R. J. CANTRELL,

(Seal)

Notary Public in and for the City and County of San Francisco,
State of California.

EXHIBIT NO. 3.

SAN FRANCISCO GAS AND ELECTRIC COMPANY REVIEW OF EVIDENCE
BEFORE BOARD OF SUPERVISORS FEBRUARY 13, 1908, IN
SUPPORT OF CLAIM FOR A RATE FOR GAS OF ONE
DOLLAR PER THOUSAND.

Total send out for year 1907 (cubic feet).....	2,528,767,400	
Gross receipts as per statement filed in 1907 from gas sales.....	\$ 2,065,171.53	
Revenue, \$0.8166 per M. cu. ft.		
Gross expense as per statement filed in 1907.....	\$2,291,672.39	
Less bond interest	\$291,582	
Sinking fund	90,350	\$381,932
\$0.7552, cost per M. cu. ft.		
That is to say the gross receipts for the sale of gas for the year exceeded the cost of manufacture, distribution and sale by..	\$ 155,431.14	
This amount, \$155,431.14, which is 7 per cent on \$2,220,448.85, is, therefore, the only return to the stock and bond holders; that it is inadequate will be seen from the following:		
The value of the gas property is shown by the filed statement to be	\$17,894,173.27	
But in order to eliminate any question that might arise as to inflated values of stock or bonds, the appraisalment of the Assessor of the City and County of San Francisco has been taken as fixing the valuation of the property of the com- pany devoted to gas manufacture and distribution, and this valuation has been taken as the basis of this statement. The Assessor's valuation is as follows:		
Real estate	\$ 381,470.00	
Improvements	1,224,433.00	
Personal property	2,133,318.00	
Total.....	\$ 3,739,221.00	
Of this amount, \$3,739,221, only \$100,000 is represented by franchise assessment.		
It will be acknowledged that Assessors fix valuations on the basis of 60 per cent on real estate and improvements, and 40 per cent on personal property, and on these bases, value of the Gas properties (exclusive of Electric) would be	\$ 8,009,800.00	
A reasonable rate of interest on this valuation, considering the risks of business involved, would be 10 per cent, which is a lower figure than any merchandising business permits itself to earn; but for the purpose of this review, it will be assumed that at least the legal rate of interest would be reasonable, viz.: 7 per cent. The annual interest charge of 7 per cent on \$8,009,800.00 would be.....	\$ 560,686.00	
Depreciation should also be allowed, and this can be assumed at 5 per cent per annum. (For argument on this point refer- ence is made to Exhibit No. 5, on pages 546-7, Municipal Reports of San Francisco, 1904-5.) Five per cent on \$7,124,015 is \$356,200, which amount, added to interest charge, gives	\$ 916,886.00	

GAS AND ELECTRICITY RATES

1037

This amount the company should at least be permitted to earn over and above the cost of manufacture by rates to be fixed. The above amount on which depreciation is based, does not include real estate or franchise values.

As the rates to be fixed are applicable for the year 1908-9, conditions during said period, so far as known, must be considered. Oil, which represents 33 1-3 per cent of total cost of gas manufactured and distributed, will advance July 1, 1908, 25 cents per barrel, making an added cost of \$0.0625 per thousand cubic feet, and on the basis of amount delivered last year, viz.: 2,528,767,400 cubic feet, a further increased cost of production of.....

		\$ 158,058.00
Recapitulating, this may, therefore, be shown in the following manner, based upon the 1907 delivery of \$2,528,767,400 cubic feet:		
Cost of gas delivered 1907-1908 (exclusive of bond interest and sinking fund).....	\$1,909,740.39	\$0.7552 per M
Increased price for 1908-1909 due to increased price of oil	158,058.00	0.0625 per M

Cost of gas delivered, 1908-1909.....	\$2,067,798.39	\$0.8177 per M
In addition to above actual cost should be added:		
Interest, 7 per cent on \$8,009,800.....	\$560,686	
Depreciation, 5 pct. on \$7,124,015.....	356,200	0.3624 per M

Making a total cost of.....	\$2,984,684.35	\$1.1801 per M
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This rate of \$1.18, which should be allowed, is based upon actual costs, legal interest, reasonable depreciation, and known added costs for the coming year, and would allow no surplus for dividends, and none for extensions of gas plant, which last year alone amounted to \$291,659.36

Therefore a rate of \$1.00 per thousand would not give a revenue in excess of expenses, and at the rate of \$1.00 the company would be operating at an actual loss, even upon the assumption of an increased delivery.

Assuming that the sales for 1908-1909 would show an increase of 12 1/2 per cent over 1907-1908, the sales would then amount to		(cubic feet) 2,850,000,000
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And assuming also that a rate is made of one dollar, the revenue would be.....		\$ 2,850,000.00
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The expenses due to increased price of oil and labor would approximate		2,250,000.00
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Leaving for interest and depreciation.....		\$ 600,000.00
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Or 7 per cent on \$8,555,555. This profit of \$600,000 by the Assessor's figures, would afford no more than a reasonable interest on assessed values and justifies a rate of \$1.00 per thousand.

An increase of rate to \$1.00 per thousand would only afford an increased revenue on basis of an assumed sale of 2,850,000,000 cubic feet of \$427,500; while figures just quoted show that a profit of \$1,074,944 would afford only compensation at a legal rate of interest on assessed values and would justify a rate of \$1.20 per thousand.

INTERESTING ITEMS.

Street Lamps in Place.	Gas.	Electric.
April 18, 1906.....	5462.....	984
February 1, 1908.....	4665.....	1795
Decrease	797.....	Increase 811

In cost, three gas lamps equal one electric; on that basis the City has now lighted 1636 more lamps than it had in 1906, at a less cost by \$75,000, due to voluntary reduction by company for street lighting.

The company disbursed during 1907, for labor alone, \$1,113,753.89.

In the residence district where gas is used for lighting and heating, and not for manufacturing purposes, the average consumption is small, i. e.:

	Total Sales Cubic Feet	Total Number Consumers.....	Miles Mains	Sales per Mile of Main in Cubic Feet	Sales per Consum- er per Annum per Cubic Feet..	Average Monthly Bill per Con- sumer in dollars
Mission	620,150,200	18,868	105	5,960,100	32,867	\$2.32
Richmond	377,265,000	9,767	67	5,630,820	38,626	2.65
Sunset	165,920,700	4,497	33	5,027,900	36,895	2.53

From the gas statistics of eight cities, comparing in population and area with San Francisco, the following is deduced:

	San Francisco.
Average price per thousand.....	\$ 0.90.....\$.85
Wages gas makers per month.....	77.00.....110.00
Wages service men per month.....	65.00.....91.00

Recapitulated, the company should have one dollar gas because that rate would yield only a fair return on the value of the plant as determined by the Assessor for the purposes of taxation, and is not a rate based on inflated values.

Because the losses sustained by the company in the past two years should not be permitted to continue by legislation of present rates.

Because the City should protect the investments honestly made in its midst, which are factors in its prosperity; and, finally,

Because on any reasonable assumption of increased sales, the profits will not be 7 per cent on an assessed valuation, to say nothing of a value proportionate to a going business, and such as the laws permit any merchandising business to make.

SAN FRANCISCO GAS & ELECTRIC COMPANY,

JOHN A. BRITTON, President.

San Francisco, Cal., February 14, 1908.

EXHIBIT NO. 4.

STATEMENT OF THE SAN FRANCISCO GAS AND ELECTRIC COMPANY FOR
THE TWELVE MONTHS ENDING DECEMBER 31, 1905.

REVENUES.

Gas sales	\$ 2,528,905.81
Electric current sales.....	2,055,923.48
Other sources	72,638.90

COST.

Gas	\$2,039,122.72
Electric current	1,638,667.41
Net revenue	979,678.06
Dividends paid	792,421.68
Surplus	187,256.38

ORIGINAL COST OF PLANT.

Gas plant	\$16,803,639.88
Electric plant	6,535,216.85

PRESENT VALUE OF PLANT.

Gas plant	\$17,527,505.05
Electric plant	8,814,600.74

Total.....		\$26,342,105.79
Capital stock outstanding.....	\$15,794,284.36	
Bonds outstanding	9,813,000.00	
Floating debt	237,400.28	

REPORTS OF COMMITTEES.

On March 16th, 1908, the Artificial Lights Committee reported to the Board of Supervisors as follows:

MAJORITY REPORT.

San Francisco, March 12, 1908.

To the Honorable Board of Supervisors
Of the City and County of San Francisco,
San Francisco, California.

Gentlemen:—Your Committee on Artificial Lights, to whom was referred the matter of reporting upon and preparing a bill fixing and establishing rates to be charged for gas and electricity for year commencing July 1st, 1908, and ending June 30th, 1909, beg leave to report as follows:

Your Committee has been present at meetings of the Committee as a Whole, during which testimony was taken under oath with reference to the statements filed by the several companies selling within the limits of the City and County of San Francisco, gas and electricity for light, heat and power purposes. It has further examined the stenographic reports of the testimony so given and presented to your Honorable Board, and has also examined and considered report submitted by said companies, and particularly that submitted by the San Francisco Gas and Electric Company.

As a result of such examination, and a careful consideration of all the issues involved, the Committee is forced to the conclusion that, while the rates for electricity now prevailing by Ordinance adopted for the past fiscal year, are not liberal rates, nor fully compensatory for the amount of property involved, are still well taken care of, so far as public interests are concerned, by the keen competition which now prevails.

It, therefore, recommends the re-enactment for the coming fiscal year of that portion of the Ordinance fixing rates which establishes the rates for electricity for light, heat and power purposes.

Your Committee is of the opinion that the rate now prevailing and fixed by Ordinance for gas to be sold to the people of this City and County does not afford the companies operating a fair return upon the capital invested, and for the following reasons which have been demonstrated by evidence given under oath and against which there has been no counteracting evidence:

That the revenue of the San Francisco Gas and Electric Company for the calendar year 1907 was \$2,065,171.53, which, on the basis of the amount of gas sold, as shown by sworn statement, i. e., 2,528,767,400 cubic feet, gave but an average revenue of \$0.8166 per thousand cubic feet, and that the expenses of manufacture and distribution were \$1,909,740.39. This expense did not include other than the actual expenses of labor and material and allowed nothing for bonds, interest or sinking fund, nor for depreciation; that this total cost gave a cost per thousand cubic feet \$0.7552, and the profit on gas sales for the year was but \$155,431.14, or 7 per cent on the value of \$2,220,448.85.

The plant of the company is assessed on a basis of \$8,009,800.00. Allowing for the contentions made in arguments that unused pipes, real estate and improvements not in actual use, should be deducted from values, it gives an effective value, after said reduction of \$7,359,800.00, 7 per cent of which would be \$514,986.00. It is, therefore, obvious that the company, which earned only \$155,431.14, on the basis of a rate of 85 cents per thousand, must, in order to obtain reasonable interest on the assessed value, derive more than said amount per thousand.

It has also been shown in evidence that the cost of manufacture of gas for the ensuing year would be materially increased, due to added price of oil, which is the principal item of material expense in manufacture. It would appear from the uncontroverted evidence that this would add to the cost the sum of \$158,058.00 on the basis of the same sales as were made during the past year.

On the assumption that there will be an increased delivery, due to increased demand for gas, it has been demonstrated that should said consumption increase, even to the extent of twenty per cent, that taking into consideration the added expense for oil, that even with such increase of sales, if the rate were maintained at 85 cents per thousand, the profits on the delivery would approximate \$283,000.00, or 7 per cent on about \$4,000,000.00, while the assessed values, as before stated, eliminating unused plants or pipes, would be \$7,359,800.00.

Taking into consideration all the factors named, it will readily be seen that the cost of manufacture and distribution of gas, without considering any interest other than the legal rate, without considering the payments of any dividends on stock, any interest on the value as represented by the bonds or any allowance for depreciation, that the company should receive materially over one dollar per thousand in order to pay its actual expense of manufacture and distribution, and that increased sales would not produce increased profits, due to the large expense of additional plant and operating expenses to take care of said increased sales.

Moreover, no claim has been made for any allowance due to extraordinary losses in the fire of April, 1906.

Your Committee feels that it is due to an industrial enterprise in its midst to give it a fair return upon a fair value of investment. It feels that the

Assessor's valuation is under ordinary circumstances much less than the actual value of the property, a value which a court of equity would decree the company should earn interest upon.

Your Committee feel that the added revenue which increased rate would give to the companies operating would permit the extension of mains to outlying districts, which are daily appealing to your Honorable Body for gas and electricity for lighting and heating; that these extensions would enable the company to employ scores of men now idle, and that the added revenue would be returned to the people in labor and material within the year.

Your Committee feel that the encouragement given to foreign investors by fair and just treatment of local institutions would restore confidence in San Francisco's future, make all the securities more valuable and help in the sale of the City's bonds which it desires to place upon the market for public work.

We, therefore, recommend that the rate per thousand cubic feet of gas which shall be charged to the people of the City and County of San Francisco from the year commencing July 1st, 1908, and ending June 30th, 1909, shall be \$0.95, and that in all other respects the Ordinance adopted in 1907 fixing rates for the fiscal year of 1907-8 be re-enacted.

We hereby attach Bill No. —, Ordinance No. —, New Series, covering the matter of rates to be charged and submit the same for your approval and adoption.

Respectfully submitted,

LIPPMANN SACHS,
WILLIAM BRODERICK,
Committee on Artificial Lights.

MINORITY REPORT.

San Francisco, March 16, 1908.

To the Honorable, the Board of Supervisors,
Of the City and County of San Francisco.

Gentlemen:—As a member of the Artificial Light Committee in the minority, I wish to report on the matter of fixing rates for light, heat and power for the fiscal year commencing July 1, 1908, and ending June 30, 1909, as follows:

In my judgment even the statements of the company do not justify the recommendation made by the majority of the Committee, and the discrepancy between the statement of earnings as furnished by the San Francisco Gas and Electric Company to this Board and the statements of the company's earnings learned from other sources, leaves in my mind doubt as to the correctness of the figures submitted to this Board.

I believe, and I feel confident that the majority of the members of your Honorable Board will agree with me, that in such an important matter, one that effects the monthly expense account of almost every householder in the city, the doubt should be resolved in favor of the people.

I therefore recommend that the maximum rate for gas be fixed at 85 cents per one thousand cubic feet, and that in all other respects the Ordinance fixing the price of gas and electricity for light, heat and power be re-enacted as now in force.

Respectfully submitted,

JAMES A. JOHNSTON.

The consideration of the foregoing reports was made a special order for March 23d, 1908.

PROCEEDINGS CONTINUED.

On March 23 the consideration of the reports of the Committee was resumed, and John A. Britton, President of the San Francisco Gas and Electric Company, addressed the Board. On motion the following resolution was adopted:

RESOLUTION NO. 2103.

(New Series.)

Resolved, That action on bills fixing and establishing gas and electric rates for the year commencing July 1, 1908, be postponed until such time as reports may be made to the Board of Supervisors by experts to be engaged by the Artificial Lights and Finance Committees of this Board, said experts to be employed by said Committees to examine into all phases of the business of manufacturing and distributing gas in the City and County of San Francisco and to report their findings not later than June 1, 1908.

In pursuance of the foregoing Resolution Engineer A. M. Hunt and Accountant C. D. Stuart were appointed as experts to make the investigation desired.

Report of A. M. Hunt, Gas Engineer, with Appraisement of Cost of Plant of San Francisco Gas and Electric Company, Used in Supplying Gas to the City and County of San Francisco and the Inhabitants Thereof, and of the Cost of Producing and Distributing Gas to the Consumer.

To the Finance Committee and Committee on Artificial Lights
Of the Board of Supervisors, San Francisco, California.

Gentlemen:—In compliance with your instructions I have made an appraisal of the cost of the plant of the San Francisco Gas and Electric Company, used in supplying gas to the City of San Francisco and the inhabitants thereof, and of the cost of producing and delivering gas to the consumer, and submit the following report:

GENERAL.

In appraising the plant, the following basis has been adopted:

The San Francisco Gas and Electric Company furnished me with inventories of all property at their various works, made in December, 1906, and supplemented it with a list of additions since that date. These inventories I checked by personal visits to the various plants, noting such apparatus and properties as were not used and usable.

The company furnished me with maps showing location, size and length of mains now in use. It also furnished statement of the number of meters, services and street lamps.

In controlling the appraisal I have been guided by the decision of the Supreme Court of California in the case of the San Diego Water Company vs. City of San Diego et al. as quoted below. This case has been cited to me by members of your Committees as governing the matter:

“Nor can the investment on which the company is entitled to base its compensation be held to include property not now actually employed in collecting or distributing the water now being supplied, however useful it may have been in the past or may yet be in the future.

“It is the money reasonably and properly expended in each year in collecting and distributing the water which constitutes the current expenses which may be allowed; and it is the money reasonably and properly expended in the acquisition and construction of the works actually and properly in use for that purpose which constitutes the investment on which the compensation is to be computed.

“With regard to the question of depreciation of the plant by use, it is sufficient to say that ordinary repairs should be charged to current expense, that substantial construction or replacement should be charged to the construction account, and that depreciation should not otherwise be considered.”

GAS WORKS.

All the gas now being used in San Francisco is produced at what are known as the old Potrero and Independent plants, located in the Potrero.

At the North Beach plant there are storage holders, a compressing plant and a tar distilling plant in use.

At the Pacific Gas Improvement Company's plant there is a holder and a compressor plant in use.

Considerable apparatus has been transferred from these plants to the Potrero, and put in use there since the earthquake. At both the North Beach plant and at the Potrero plant there are installed a number of retorts and other appliances for making coal gas. They have not been used for a number of years, and it is extremely improbable that conditions in California will, in the proximate future, change so as to permit their economic use. They have been excluded from the appraisal, following the ruling cited above.

During the past two winters the San Francisco Gas and Electric Company has not been able to produce at its plants sufficient gas to supply the requirements of the City. The deficiency has been supplied by an allied company having its plant across the line in San Mateo County. The San Francisco Company is at the present time installing apparatus to enable it to supply the full demand, and this apparatus will be ready for service before July 1, 1908. It has, therefore, been included in the appraisal as if finished.

Nearly all the apparatus in use at the plants has been installed within the past twelve years, and values have been assigned fairly representing cost of such work. New apparatus installed since the earthquake and fire of 1906 has been appraised at actual cost.

Buildings have been appraised, where costs were not known, on the cubic foot basis, after consultation with a competent builder, due allowance being made for foundation difficulties in certain instances.

MAINS.

The company's officials claim that they have 500 miles of mains in use and 80 miles of small mains not in use.

The measurements from maps furnished me showed only 467 miles approximately, and this amount was used as a basis. On some streets there are three mains, and on quite a number two mains. It is difficult to determine absolutely what amount of this duplication is justifiable. Where three mains exist in the same block the smallest was deducted. Where there are two mains in a block, both small, both were allowed. Where there are two mains, one large and one small, the smaller was deducted unless special reason existed for not doing so. Among such reasons I mention the following: If the larger main served a definite purpose as a feeder, both were allowed. Personal knowledge that pressure was low in certain districts previous to some of the duplication gave justification for some allowances. Duplicate mains are allowed on extra wide streets, such as Market street, on account of reduced cost of service, and the same is true on some streets due to depth of foundations of cable tracks.

The number of miles of mains allowed as "properly in use" was taken as 415.36 miles. This is a deduction of a little over 11 per cent from the mileage shown by the maps of the company, but as the deductions were made from the smaller sizes of pipes, the deducted value is much less.

It is fairly impossible to determine the cost of laying mains at the dates when the earlier installations were made, but the bulk of the mains, at least as represented by cost, were installed within the past twenty years, and the unit prices used were carefully chosen. I would note that these, as well as other unit prices, were taken from results of actual work done in San Francisco, and not assumed from work done elsewhere.

I would also note that due allowance was made for administration expense of construction work, and for interest during construction period. The interest was reckoned for a six months' period, as this is half the interval at which rates are fixed.

GAS AND ELECTRICITY RATES

1045

METERS.

The number of meters in use on December 31, 1907, was taken, and to it was added the probable number that will be connected from that date to December 31, 1908, which date will be the middle point of the year for which rates are to be fixed. An additional allowance was made for meters which must be carried in stock and out of use for repairs and proving.

Proper allowance was made for meter connections and cost of first installation.

SERVICES.

The number of live services was taken and increased by the number of new services that will probably be connected within the year. An allowance was also made for dead services in temporarily vacant premises.

The appraisal is not given in detail, but in four main items corresponding with the statement submitted to your Board by the San Francisco Gas and Electric Company. I have, however, itemized in greater detail what the lump sums cover, following the same notation given on the inventory of the San Francisco Gas & Electric Company.

APPRAISAL.

Plant—

This item, as given on the inventory of San Francisco Gas and Electric Company, covers real estate, buildings, furniture, and fixtures, and all apparatus at plants. I have included the same items, as well as stock of gas-making material, and stock of supplies at warehouse..... \$2,832,045.00

Pipes—

This item covers all pipes, including high pressure feeders, house connections, connections to street lamps, and district governors 5,027,760.00

Meters—

This item covers meters in use, in process of repair and stock.. 827,750.00

Lamps—

This item covers street lamp posts, but not connections to same 87,531.00

Total appraised value..... \$8,775,086.00

COST OF PRODUCING AND DELIVERING GAS—GENERAL.

The cost of producing and delivering gas is divided into three main items, as follows: Manufacturing cost, distribution and administration.

To arrive at the amount of these items, the appended statements, taken from the accounts of the San Francisco Gas and Electric Company for the year 1907, have been used, together with other information obtained from the officials of that company:

MANUFACTURING.

During the first eight months of 1907 the San Francisco Gas & Electric Company did not manufacture any gas. Its Potrero plants were operated by an allied corporation, which sold gas to the San Francisco Gas and Electric Company at the rate of 30 cents per 1,000 cubic feet delivered in the holders. During the last four months of the year the latter company operated its own plants.

It purchased during the year 2,403,329 thousand cubic feet of gas and manufactured 1,148, 085 thousand cubic feet.

Its charges for the gas it manufactured, taken from its books, was \$276,128.72, or the cost per 1,000 cubic feet delivered in the holder was 24.051 cents, of which oil amounts to 13.924 cents.

I have no criticism to offer as to the amount of the various items, and with the exception of oil, they should be at least as low for the ensuing year. It may be contended that the amount of gas made during the last four months of the year is in excess of the average rate of production for the year, and that consequently the average cost for the entire year will be greater. Any such tendency to increase the cost will be fully offset by the fact that a greater proportion of the gas will be made in large generators with consequent reduced labor cost. There is also a certain indeterminate amount of lampblack that will be produced as a by-product and utilized in producing gas, and a certain amount of tar will also be produced as a by-product, the value of which will tend to reduce the cost per thousand.

The average price paid for oil purchased in 1907, as taken from the company's books, was 74.02 cents per barrel. Their contract for the ensuing year calls for a price of \$1.00 per barrel. From personal knowledge of the market I can state that satisfactory oil for use in gas-making cannot at the present time be procured for less. This increase in the price of oil will increase the cost of gas made during the ensuing year by 4.887 cents per thousand.

This will make the cost of gas in the holder 28.938 cents per thousand.

DISTRIBUTION.

The distribution costs for the year 1907, as taken from the books of the San Francisco Gas and Electric Company, show \$148,106.92 expended for labor and \$482,540.46 for material.

In scrutinizing the labor costs I have no criticism to offer. Based on the sale of 2,528,767,400 cubic feet of gas during the year, the distribution labor cost per 1,000 cubic feet was 5.857 cents.

In scrutinizing the items making up the charge for "Material, Distribution of Gas," there are several items calling for comment.

The first item is Street Lamp Operation, Welsbach Contract, \$48,934.36.

As stated to me by officials of the Gas Company, it has a contract whereby the Welsbach Company assumes all expenses of operating street lamps, except the supply of gas to the lamps and repairs to lamp posts and service pipes.

The number of lamp posts in operation on December 31, 1907, was given at 3,945 with single burners, and 215 with triple burners. Considering this as an average for the year 1907, the income from these lamps at the rate paid by the City would be \$116,662.42. Deducting the amount paid to the Wellsbach Company leaves to the San Francisco Gas and Electric Company for the gas furnished to these lamps the sum of \$67,728.06.

The schedule for these lights provides that they are to be lit at an average time of one-half hour after sunset, and extinguished at an average time of one-half hour before sunrise, making the average period of burning eleven hours per day, or the total hours burning per year will be 4,015.

I am informed by the officials of the Gas Company that its contract with the Welsbach Company is figured on the basis of each lamp using 4 cubic feet of gas per hour. The total gas used for street lamp service during the year will thus be 73,715,400 cubic feet. Or, the San Francisco Gas and Electric Company receives a net average rate of 91.877 cents for each thousand feet of gas so furnished. The cost of the street lamps and services to them has been included in my appraisal of plant, on which interest is to be allowed, and the average rate as above indicated is more than sufficient to reimburse the

Company for the other items of cost of the gas used, so the amount of the Welsbach Company's contract should not, in my opinion, be counted as an item of distribution cost as affecting the gas rate.

Should you, however, decide that it is a just charge, the amount per 1,000 feet of gas sold is 1.935 cents.

Among other items noted under the head of Materials, Distribution of Gas are the following:

Replacement of mains	\$ 50,000.00
Replacement of services	193,199.41
Replacement of meters	120,467.69
	\$363,667.10

A statement from the books of the company taken off by Mr. Stuart shows that these amounts were originally charged against plant account. It is for your Board to determine whether they shall be allowed or not. For your guidance and information, I would note that the second item is sufficient to install approximately 9,000 services, and that the third item is sufficient to purchase and install approximately 11,000 meters. I would also note that this number of services is over 19 per cent of the service connections in use December 31, 1907, and the number of meters is just under 19 per cent of those in use on the same date.

It does not seem to me probable that there will be a call for replacement of such a number of meters and services during the coming year, due to ordinary wear and tear, as distinguished from the results of a general catastrophe.

The amounts per 1,000 feet of gas sold represented by these items is as follows:

Replacement of mains	1.977 cents
Replacement of services	7.640 cents
Replacement of meters	4.764 cents

The remaining items under the head of Materials, Distribution of Gas, amounting to \$69,939.00, call for no special comment. They amount to 2.766 cents per 1,000 cubic feet sold.

ADMINISTRATION.

This account is charged with \$663, 897.58 on the books of the company. Among the items included are the following:

Bond interest	\$291,582.00
Interest on floating debt.....	36,848.60
Sinking fund	90,350.00

If interest is allowed on the appraised value of plant, I do not see that these items can be properly taken into account in determining the rate to be allowed. They amount to the following per 1,000 cubic feet of gas sold:

Bond interest	11.536 cents
Interest on floating debt.....	1.457 cents
Sinking fund	3.569 cents

The remaining items of this account, amounting to \$245,116.98, call for no comment, and amount to 9.693 cents per 1,000 cubic feet of gas sold.

LEAKAGE.

The foregoing has covered all the charges carried on the books of the company pertaining to the manufacture and distribution of gas and administration. It does not, however, go into one very important element in the cost to the company of the delivered gas. I refer to the element of leakage from mains, services, etc., of gas that is manufactured and sent out from its works.

In the year 1907 the company sent out from its works 3,551,414,000 cubic feet of gas, and accounted for 2,528,767,400 cubic feet sold. The balance, or 1,022,646,600 cubic feet, or 27.53 per cent of all the gas sent out from the works is accounted for as leakage. Such an amount of leakage is very abnormal. It is undoubtedly mainly due to the effect of the earthquake of April 18, 1906.

The report of the President of the San Francisco Gas and Electric Company shows that the leakage during the year 1902 amounted to 146,908,000 cubic feet. Comparisons of leakage should always be based on its amount per mile of main in use, and not on percentage of send-out lost, as leakage is independent of send-out, being a function of the pressure in the mains and the size of the openings through which the leakage occurs.

I have no absolute data as to the miles of mains in use by the San Francisco Gas & Electric Company in 1902, but it closely approximates 250. On this basis, the leakage per mile of main was 587,600 cubic feet during that year. Even this was excessive as compared with good practice in other localities.

Another system of mains, now a part of the system of the San Francisco Gas and Electric Company comprising about 60 miles of pipe, had no leakage during the first eight months it was under pressure.

If the leakage for the year 1907 is calculated on the basis of 467 miles, as measured from the company's maps, it amounted to 2,189,823 cubic feet per mile of main in use. If it is figured on the basis of 500 miles of mains claimed by the company, it amounted to 2,045,295 cubic feet per mile of main.

It is difficult to decide what is a fair normal leakage for San Francisco under normal conditions and without earthquake damage.

In 1904 the average leakage of all companies operating in the State of Massachusetts was 165,835 cubic feet per mile of mains. The average for all the companies operating in Boston and its immediate suburbs was 307,460 cubic feet per mile of main in use.

I believe that a distributing system properly installed in San Francisco, and that had not been subjected to severe earthquake conditions, should be considered as being in poor condition if its leakage exceeded 450,000 cubic feet per mile of main per annum. This would have amounted to about 7½ per cent of the gas made in 1907, based on sales as of that year.

The San Francisco Gas and Electric Company suffers a peculiar hardship if it is compelled to assume the loss amounting to the difference between 7½ per cent and 27½ per cent. On the other hand, it is a hardship on the consumer to be called on to pay for the manufacture of gas never delivered.

The Gas Company must render service, and such service can only be given through the mains which it has. It certainly seems advisable in the interests of both parties that a strenuous effort be made to reduce this leakage item.

While entirely outside the scope of my instructions, I would suggest that if you are inclined to recommend an allowance to cover the entire amount of leakage during the year 1907, a stipulation be made with the Gas Company to the effect that it will expend at least the major part of such allowance in reducing leakage.

In arriving at the effect of leakage in increasing the rate for gas, after you have decided what percentage of leakage to allow, divide the cost of 1,000 cubic feet of gas in the holder (28.938 cents, as given above) by the numeral obtained by subtracting from 100 the percentage of leakage allowed, and multiply by 100. The result is the cost of manufacture of each 1,000 feet of gas delivered to the consumer on the basis of the percentage of leakage employed.

RESUME.

I give below in condensed form the different items deduced in the foregoing:

Manufacture—

Cost per 1,000 cubic feet of gas delivered in the holders during the year July 1, 1908-July 1, 1909, assuming oil to cost \$1.00 per barrel	28.938c
(If it is decided to allow the Gas Company to charge a rate that will repay the cost of leakage of N per cent of the gas made, the above item becomes per 1,000 cubic feet delivered to the consumer 28.938 divided by 100 minus N x 100.)	

Distribution—

Labor cost	5.857c
Welsbach contract (propriety of charge questioned).....	1.935c
Replacement of mains (propriety of charge to be determined by the Board)	1.977c
Replacement of service (propriety of charge to be determined by the Board)	7.640c
Replacement of meters (propriety of charge to be determined by the Board)	4.764c
Other items of distribution, not questioned.....	2.766c

Administration—

Bond interest (propriety of charge questioned).....	11.536c
Interest on floating debt (propriety of charge questioned).....	1.457c
Sinking fund (propriety of charge questioned).....	3.569c
Other items of administration, not questioned.....	9.693c

INTEREST.

Preceding items have been based on charges for the year 1907 and the amount of gas sold during that year. They will be affected very slightly if at all, by increased sales except in the case of interest charges under administration. Interest on appraised value should, however, be divided by the amount sold during the year July 1, 1908-July 1, 1909. It is highly probable that the sales for that year will be at least 10 per cent greater than for the year 1907, or 2,781,644 thousand.

On this assumption, increase the rate per 1,000 cubic feet for each one per cent allowed 3.155 cents.

In concluding I desire to acknowledge the courtesies extended by the officials of the Gas Company with whom I have come in contact. They have afforded me every facility and information asked for, freely and frankly.

All of which is respectfully submitted.

A. M. HUNT.

San Francisco, Cal., May 15, 1908.

AMENDED MANUFACTURING EXPENSE FOR YEAR 1907.

May 8, 1908.	Labor.	Material.	Total.
Gas purchased		\$720,998.70	\$720,998.70
Water		1,490.73	1,490.73
Gas oil used.....		159,861.80	159,861.80
Purification—Labor and material.....	\$ 4,843.74	4,028.56	8,872.30
Lamp black used		17,846.23	17,846.23
Repairing and renovating holders.....	551.10	530.03	1,081.13
Repairing and renovating works and buildings	3,386.45	421.61	3,808.06
Waste and lubricants		337.73	337.73
Anthracite coal		643.84	643.84
Foreman Gas Works.....	1,546.20		1,546.20
Gas-makers	3,817.95		3,817.95
Gas-makers' assistants	5,215.75		5,215.75
Engineers and firemen.....	6,772.45		6,772.45
General labor Gas Works.....	19,370.75		19,370.75
Repairing and renovating generating plant	8,599.73	6,803.50	15,403.23
Manufacturing sundries	6,318.94	20,723.31	27,042.25
Replacement buildings	3,018.33		3,018.33
	<u>\$63,441.39</u>	<u>\$933,686.04</u>	<u>\$997,127.43</u>

AMENDED DISTRIBUTION EXPENSES FOR YEAR 1907.

May 8, 1908.	Labor.	Material.	Total.
Street lamp operation.....		\$ 48,934.36	\$ 48,934.36
Collectors	\$ 21,164.39		2,718.15
Inspectors	2,718.15		2,718.15
Statements	8,645.95		8,645.95
Watchmen	3,196.90		3,196.90
Distribution wages, general.....	37,074.45	901.05	37,975.50
Foreman distribution	2,529.05		2,529.05
Sundry distribution	1,970.70	24,009.31	25,980.01
Sets, outs and complaints.....	23,518.30	3,631.96	27,150.25
Repairing and renovating street mains..	19,291.88	14,372.81	33,664.69
Repairing and renovating meters.....	14,351.35	8,380.07	22,731.42
Repairs street lamps.....	4,677.40	1,745.63	6,423.03
Repairing and renovating street service..	4,091.12	2,925.58	7,016.70
Repairing and renovating wagons and autos	2,345.12	7,368.76	14,738.88
Depr.		5,025.00	
Gas stove repairs and complaints.....	1,013.30	1,166.72	2,180.02
Repairing and renovating tools.....	1,518.86	412.12	1,930.98
Replacement mains		50,000.00	50,000.00
Replacement services		193,199.41	193,199.41
Replacement meters		120,467.69	120,467.69
	<u>\$148,106.92</u>	<u>\$482,540.46</u>	<u>\$630,647.38</u>

GAS AND ELECTRICITY RATES

1051

AMENDED ADMINISTRATION EXPENSES FOR YEAR 1907.

May 9, 1908.	Labor.	Material.	Total.
Bond interest		\$291,582.00	\$291,582.00
Sinking Fund		90,350.00	90,350.00
Taxes		54,334.74	54,334.74
Salaries, Executive offices	\$ 7,912.08		7,912.08
Salaries, Main offices	48,052.03		48,052.03
Salaries, Branch offices	20,114.85		20,114.85
Expense, Main office		12,845.62	12,845.62
Expense, Branch offices		5,931.24	5,931.24
Expense, General sundries		14,057.29	14,057.29
Interest (General)		36,848.60	36,848.60
Auto expense, salaries	2,170.99		2,170.99
Auto expense		792.32	792.32
Bad debts		23,443.20	23,443.20
Rents payable		7,295.55	7,295.55
Legal expense	1,125.34		1,125.34
Shorts in collections		1,194.92	1,194.92
Directors' fees	825.40		825.40
Advertising		8,185.32	8,185.32
Fire insurance		4,850.64	4,850.64
Warehouse salaries	23,975.65		23,975.65
Warehouse expense		3,996.06	3,996.06
Damages, persons and property		3,085.82	3,085.82
Casualty insurance		814.00	814.00
Gas in holders		113.92	113.92
	<u>\$104,176.34</u>	<u>\$559,721.24</u>	<u>\$663,897.58</u>

Report of Public Accountant C. D. Stuart, on Cost of Manufacturing and Distributing Gas in San Francisco for the Years 1906-1907.

111 New Montgomery street, San Francisco, May 18, 1908.

To the Finance and Artificial Lights Joint Committee,
Board of Supervisors, San Francisco.

Gentlemen:—At your request I have examined the books of account and the financial condition of the San Francisco Gas and Electric Company, from April 18, 1906, to December 31, 1907, and herewith I submit the following report:

All of the principal books of account, statements, vouchers, letters, contracts, and other records usually accumulated during the business existence of a corporation were destroyed by the fire of April 18, 1906. A new ledger was opened as soon thereafter as possible, as from date of January 1, 1906, the data for the various accounts and entries being taken from the trial balance book, which was saved. There was also saved a large proportion of the statements of gas sold to consumers in the month of March, 1906, and up to date of meter readings, so that the company was enabled to issue bills for that month. But the gas consumed from the dates of the last meter readings before the fire, and up to the time of the fire in the burned district, was lost to the corporation, because the meters that registered this amount were all destroyed.

The ledger balances I have accepted as I found them, for I am satisfied that the auditor of the corporation exhausted every source of information to secure accuracy in the entries. The differences between costs as stated by the corporation, and the results obtained herein by this examination, will be found in the manner of debiting the items that go to make up expense charges and capital charges. That is to say, I have taken a number of charges out of expense accounts, and put them in capital or plant accounts.

COST OF GAS.

The cost of gas to the consumer is kept under three headings in the corporation books: Manufacture, Distribution and Administration. Manufacture includes all costs of making gas delivered to the gas holder, such as fuel, water, chemicals, labor and transportation. Distribution includes all costs for getting gas from holder to consumer, such as the putting in of services, repairs to mains and meters, cartage, reading meters, and making statements. Administration includes executive expenses, bookkeeping, fixed charges on investments, taxes and provision for the general monetary requirements of the corporation. These costs are given in detail on pp. 16 to 18 hereafter.

MANUFACTURE.

No gas was manufactured by the corporation from the date of the fire up to September 1, 1907, the necessary supply for the city having been bought mostly from the California Gas Company, with three or four purchases from the San Mateo Power Company. The cost of this gas was thirty cents a thousand cubic feet, delivered in the corporation's gas holders. On page 11 hereof the cost of gas in holder is given at a little over 39 cents a thousand. I find that the added nine cents represents the cost of gas necessary to offset

leakage from mains, which is due to the effect of the earthquake in loosening leaded joints and in breaking cast-iron pipes. The percentage of leakage since the fire is 27½ per cent, as will appear on page 11 hereof, and if to 30 cents is added a leakage of 27½ per cent it gives as cost of gas in holder a little more than 39 cents. That is to say, about 1,022,646,600 cubic feet that the corporation received pay for was lost in 1907 through leakages.

Since September 1, 1907, the corporation has been gradually increasing its own production of gas until it is now manufacturing about all that is consumed in the city. For the last four months of 1907 the cost of manufacturing was 24 5-100 cents, exclusive of leakage, as will appear on page 11 hereof. This cost is below the average, because the period covered is a time of maximum gas consumption.

DISTRIBUTION.

On page 13 hereof the cost of distribution of gas is given by the corporation statement at .25633 cents a thousand cubic feet for 1906, and .24938 cents for 1907. I have deducted from the corporation's statement of 1906 the item debited to Renewals, for \$288,214.51, and in 1907 the same item, for \$366,685.43. After making these deductions the cost of distribution for 1906 is .12060 cents a thousand, and for 1907 .10438 a thousand.

I have made these deductions from distribution costs for the reason that in the ledger these sums have been debited from month to month to construction account, and at the end of the year they were taken from construction and debited to distribution. I am assured by both the auditor and the comptroller that these items are not expenditures for new construction, but rather for repairs and refitting old work, and it has been the custom of the accountants to charge to construction all repairs costing more than \$500, and at the close of the year to segregate from this amount whatever charges are clearly repairs rather than renewals. The purpose of keeping track of repairs in this manner is to hold the average monthly expenditures as nearly even as possible, for otherwise a heavy repair charge in any month might show a loss in earnings for that month.

The journal voucher for these debits is rather vague as to the nature of the work done, and I am unable to say from the entries on the books whether these debits are construction or are merely repairs. But I find that English authorities allow gas and water corporations for repairs an annual charge that runs as high as 5 per cent of capital invested in plant. As the San Francisco Gas Company's plant represents an investment of nearly \$9,000,000, according to your Gas Engineer, Mr. Hunt's, appraisal, the actual average charge for the two years 1906-1907, is \$327,449.97, or a little more than 3½ per cent of the investment, which corresponds with the allowance made by British authorities for this sort of depreciation. I find that in this country also, the "State of New York Public Service Commission" has issued the following instructions in their Circular No. 45, April 1, 1908, page 6:

"Whether through wear and tear or through casualty it becomes necessary to replace some part of any structure, facility, or unit of equipment, and the extent of such replacement does not amount to a substantial change of identity in the structure, facility, or unit of equipment, the replacement of such part is to be considered a repair, and the cost of such repair is to be treated as an operating expense, and must not be charged as a replacement to any capital account."

ADMINISTRATION.

The administration cost of gas as furnished by the corporation's statement, page 13 hereof, is .38191 cents a thousand cubic feet in 1906, and .26254 cents in 1907. I have deducted from the total cost under this heading the items

of Bond interest, Sinking Fund, bad debts due to fire losses, and also the fire losses included in the charge of Sundry Sales, Fire and Earthquake Account, and Storeroom Loss account, as will appear on page 13 hereof. After making these deductions, the respective costs a thousand cubic feet are, for 1906—.10850 cents, and for 1907 .10885 cents. I am confident that Bond interest and Sinking Fund are not proper charges to administration expense. I am in doubt about the other items, since I find that the State of New York Public Service Commission, on page 126 of the circular already referred to, says:

"By an extraordinary casualty is meant one of such violence and irregularity that provision cannot be made against it through the exercise of ordinarily reasonable prudence, e. g., the Galveston tidal wave and the San Francisco earthquake. All other casualties of classes occurring with such degree of frequency and uniformity that the principles of insurance are applicable thereto, must be provided for through suitable charges to the insurance account."

While it is true that the earthquake of April 18, 1906, was an extraordinary occurrence impossible to have provided against, it appears to me that such items as book accounts destroyed by fire, warehouse supplies burned, and costs of removing debris from corporation real estate, are losses that ordinary commercial enterprises must make up from their capital, in the shape of assessment on stockholders, or further issue of shares, if necessary, because they would expect to make good the advances by an increase of profit on the goods they sell. But a public service corporation that is limited by municipal control to a much narrower per cent of profit than ordinary concerns expect to make, might reasonably ask to be allowed to add losses of the foregoing class to the cost of the commodity supplied by them.

After deducting all the before-mentioned debits from Administration, Distribution and Manufacture, the cost of gas a thousand cubic feet will be .61127 cents for 1906, and .60635 cents for 1907, as will appear on page 14 hereof. These sums represent merely the actual cost of gas manufacture, distribution and administration, regardless of the money invested, and of the deterioration in the plant, and closely approximate the cost as worked out by Mr. Hunt on page 5 of his report, and as will also appear on page 11 hereof.

INTEREST AND DEPRECIATION.

The custom of British municipalities, in the supervision of gas and water corporations, is to allow an annual profit of 10 per cent on the investments. Out of this allowance the corporation is expected to accumulate over a course of years, a reserve or sinking fund, amounting to 10 per cent of the investment. Out of this reserve all extraordinary expenses are to be paid, thus creating a special fund, as it were, for the restoration of capital destroyed or made useless by other causes than wear and tear.

In addition to allowances for wear and tear on the plant of gas corporations, there is usually allowed a certain percentage for depreciation. In Great Britain the life of a gas plant is figured at about thirty-five years, and probably in this country climatic conditions, an important factor in causing wear and tear, are not sufficiently different to make a change in this estimate, which would give a percentage a little less than 3 per cent of plant investment.

In case the custom of other municipalities is followed, in fixing the gas rate for this city, it will be necessary to add further to the actual cost of gas in 1907 the percentage of wear and tear, the percentage of depreciation, and the two following items: (1) Increase of gas oil. The cost of oil for 1907 averaged about 74 cents the barrel. The cost of oil for the two years from June 12, 1908, to July 13, 1910, will be \$1.00 the barrel of 42 gallons, according to the terms of contracts made for oil by the corporation, with the Associated Oil Company, which price, I am told, is not unreasonable. (2)

Increase of taxes. The Assessor of this City and County has advised me that the assessment of the San Francisco Gas and Electric Company for the coming year will be increased \$1,000,000.

The increased cost of oil will add to the cost of gas in 1907 about 5 cents per thousand feet, as will appear from pages 11 hereof. The increased assessment will add to the cost of gas per thousand feet about $\frac{3}{4}$ of a cent, or a total increase for 1908 of about 6 cents a thousand. If to the actual cost of manufacturing, distributing and administering the gas production of 1907, which is say 60 cents a thousand cubic feet, there will be added 6 cents for increased cost of oil and taxation in 1908, and $2\frac{1}{2}$ per cent of the plant valuation of \$8,000,000 for wear and tear, and $2\frac{1}{2}$ per cent for depreciation, and 5 per cent for interest on the investment, it will bring up the cost of gas to the consumer to 10 per cent on \$8,000,000, in addition to the actual prospective cost of gas for 1908, or nearly \$1.00 a thousand cubic feet.

I have not calculated what effect an increase of 10 per cent in sales of gas for 1908 will have on the cost of production for that year. The manufacturing cost of any added supply will be within a few cents of present cost, unless the increase is very appreciable. The distribution cost will be lessened by say $\frac{1}{2}$, since the meter readers, statement clerks and bookkeepers at present employed in this department have about all the work they can get through from day to day, and an increase of sales will demand some corresponding increase in these clerks. The administration cost alone will probably not change. Thus a saving of 30 to 40 cents a thousand cubic feet on say 252,876,740 cubic feet may be effected, and this saving must be averaged over a total sales for the coming year of say 2,780,000,000 cubic feet, which will be less than 4 cents the thousand. I would judge that the entire reduction in cost of 1908 production over 1907 production will not average more than 5 cents the thousand cubic feet.

I have looked into the Loss and Gain Account of the corporation to determine whether or not their finances show the effect of producing gas at a cost of 60 cents and selling it for 85 cents. In their statement of assets and liabilities for December, 1907, the gas plant is valued at \$17,984,173, carried as an asset, a valuation in excess of its present worth by many millions of dollars. Among the liabilities are \$2,070,330 due sundry creditors, \$450,576 due California Gas Company, and about \$175,000 of accrued debts such as interest, taxes, etc., which make about \$2,700,000 in liabilities that have been accumulating in excess of profits, until it will take the gross earnings of almost an entire year at 1907 rates to liquidate. Outside of the gas plant, there is only about \$900,000 of assets to meet this liability, or a deficit of about \$1,800,000. How long this deficit has been accumulating, or where the amount was expended, it is difficult to say, in the absence of the burned ledgers, but it appears like a sum that will require years of fair profits to pay off.

I am of opinion that the corporation has not been expending sufficient in repairs and refitting its plant, especially mains and services, to maintain the highest efficiency of its service, as is evidenced by the large leakage per cent of gas in process of distribution. British authorities allow as high as 5 per cent of the actual plant valuation for wear and tear, which means that maintenance demands a certain large expenditure of money each year merely to keep the plant in working order, and this expenditure is a charge against cost. The average expenditure of the corporation for maintenance during the two years since the fire was a little over \$327,000 a year, or about 4 per cent on a plant valuation of \$8,000,000. When it is considered that the fire and earthquake caused unusual damages to the distributing system and greatly increased the leakage per cent of the mains and services, it is clear that the expenditure of \$327,000 a year for the past two years has been too low. But a profit of only 25 cents a thousand cubic feet would give on the sales of 1907 of 2,528,000,000 cubic feet, about \$630,000, which after deducting \$327,000 cost of repairs,

leaves a little over \$300,000 to meet dividends on a capital investment in the gas end of the corporation of over \$9,000,000, about 3 ½ per cent a year. As the loss to the community from leakage is about \$850,000 a year, the need of keeping up the maximum expenditures for repairs becomes self-evident. It seems to me that if a liberal allowance is made by your Board for wear and tear, it should be understood that a due proportion of the allowance is put to the stopping of leaks in mains.

In the appraisalment of the plant made by Mr. Hunt at a total valuation of \$8,775,086, page 12 hereof, will be found the item of \$412,431, real estate. As there is no special depreciation in real estate, this total should be deducted from the total estimate for plant to get the value subject to wear and tear charges, as follows:

Mr. Hunt's appraisalment, page 12 hereof.....	\$8,775,086
Real estate estimate, page 19 hereof.....	412,431
	<hr/>
Actual value of plant subject to wear and tear.....	\$8,362,655

On page 15 hereafter I have given the revenue from gas sales for 1906 and 1907.

In a separate volume marked Volume II, I have given an analysis of the ledger accounts that go to make up costs of Manufacture, Distribution and Administration. Also I have given an analysis of the Executive salaries for 1907, which appear large. The only comparison I could find is a gas and electric corporation in Massachusetts that sold \$3,600,000 worth of light and power, with executive salaries at about \$260,000 as against \$153,000 for the San Francisco Gas and Electric Company, a fair equivalent in proportion to revenue of \$2,291,000.

Whether or not the profits from the electricity sales of the San Francisco Gas and Electric Company are large enough to carry the apparent shortage on the gas end, I have not investigated, as it seemed to me that the gas figures speak for themselves.

I trust that I have covered all points necessary to enable your Committee to reach a satisfactory determination of what the gas rate for the coming year should be, and if any point has been overlooked, I shall be pleased to take it up on request.

Yours faithfully,

C. D. STUART,
Accountant.

GAS AND ELECTRICITY RATES

1057

COST OF GAS PER THOUSAND CUBIC FEET, 1907.

Gas sold, 1907, Consumers (Ledgers).....	2,528,767,400	cubic feet
Add Leakage @ 27½ per cent.....	1,022,646,600	cubic feet
	3,551,414,000	cubic feet
 Total bought, 1907.....	 2,403,329,000	cubic feet
Total manufactured, 1907.....	1,148,085,000	cubic feet
 Gas sales in 1907.....	 \$997,127.43	
Cost to Corporation of gas bought, 1907.....	720,998.70	
	\$276,128.73	
 Total manufactured, 1907.....	 1,148,085,000	cubic feet
		Per thousand.
Cost of manufacturing per thousand cubic feet with oil at 74.02 bbl.....	.24051	cents
With oil at \$1.00 bbl. (Price to be advanced July 1, 1908).....	.28938	cents
Add leakage at 27½ per cent equal .28938 divided by 72.5.....	.1098	
	.3991	cents
 Total cost of gas in holders for 1908-1909.....		

OIL COST.

215,967.73 bbls. oil used, cost.....	\$159,861.80	
Cost per thousand manufactured in 1907 equals 1,148,085,000 cubic feet with oil at average 74.02 cents bbl.....	.13924	cents
Cost with oil at \$1.00 bbl.....	.18811	cents
	.04887	cents
 Increased cost per thousand for 1908-1909.....		

COMPARATIVE COST GAS, 1907.

	S. F. G. & E. Co Ledger.	A. M. Hunt Estimate.
Manufacturing, cents per thousand cubic feet.....	.3931	.2893
Add leakage 27.5 per cent (see page 8, Mr. Hunt's report) .....	.....	.1098
	.3931	.3991
 Distribution—		
Labor .....	.05857	
Welsbach .....	.01935	
Sundry .....	.02766	
	.10558	
Total Hunt, page 9.....	.....	.1055
Total Ledgers .....	.1043	
 Administration—		
Hunt, page 11.....	.....	.0969
Ledgers .....	.1088	.....
	.6062	.6015

Cost of gas per thousand cubic feet, without additions for investment, wear and tear and deterioration.

PLANT OF SAN FRANCISCO GAS AND ELECTRIC COMPANY.

PLANT.	Ledger Balances.	Appraisement A. M. Hunt.	
Real estate	\$2,218,991.20		
Buildings	1,531,336.89		
Oil tanks	120,664.22		
Bunkers and runways.....	109,676.55		
Coal handling apparatus.....	51,246.58		
Wharves	151,300.00		
Furniture and fixtures.....	66,671.79		
Testing, measuring and laboratory apparatus	28,019.00		
Engines and connections.....	158,542.00		
Motors and connections.....	31,532.08		
Boilers and connections.....	157,575.09		
Pumps and connections.....	66,442.38		
Condensers and connections.....	147,896.42		
Blowers and connections.....	40,653.10		
Steam machinery	59,032.27		
Generators and connections.....	782,595.52		
Scrubbers and connections.....	181,782.16		
Coal gas benches and connections....	898,360.00		
Condensers and connections.....	35,513.74		
Purifiers and connections.....	530,747.94		
Exhausters and connections.....	107,025.83		
Holder and connections.....	1,656,854.77		
Tar tanks and connections.....	17,406.95		
Tar pumps and connections.....	6,248.00		
Tar boilers and connections.....	4,490.75		
Oil stills and connections.....	4,538.15		
Oil condensers and connections.....	6,036.83		
Manufacturing apparatus, miscel- laneous	104,631.19		
Distribution plant, miscellaneous....	1,001.69		
Plant, gas, miscellaneous.....	175,732.12		
	<hr/>		
	\$9,452,545.21	\$9,452,545.21	\$2,832,045.00
	<hr/>		
PIPES.			
Mains	\$6,619,941.33		
Services	702,381.32		
	<hr/>		
	\$7,322,322.65	7,322,322.65	5,027,760.00
	<hr/>		
METERS.			
Station meters and connections.....\$	115,686.85		
Meters	915,883.44		
	<hr/>		
	\$1,031,570.29	1,031,570.29	827,750.00
	<hr/>		
STREET LAMPS.			
Street lamps	\$ 87,735.12	87,735.12	87,531.00
	<hr/>		
		<hr/>	<hr/>
		\$17,894,173.27	\$8,775,086.00

RE-SEGREGATION OF SAN FRANCISCO GAS AND ELECTRIC COMPANY
GAS COSTS.

CORPORATION SEGREGATION.

	1906.	1907.	Per M Cubic Feet.	
Administration	\$ 810,905.94	\$ 663,897.58	\$.38191	\$.26254
Distribution	544,289.18	630,647.38	.25633	.24938
Manufacture	847,786.35	997,127.43	.39928	.39431
	<u>\$2,202,981.47</u>	<u>\$2,291,672.39</u>	<u>\$1.03752</u>	<u>\$.90623</u>
Gas sold, 1906.....			2,123,318,000	cubic feet
Gas sold, 1907.....			2,528,767,400	cubic feet

RE-SEGREGATION.

Administration, 1906.....	\$810,905.94		
Less—			
Bond interest	\$288,396.00		
Sinking Fund	108,741.68		
Bad debts—Fire.....	70,372.77		
Sundry sales—Fire ...	7,462.52		
Fire and earthquake....	37,759.58		
Storeroom	67,790.82	580,523.37	
Administration cost as revised....			\$230,382.57
Administration, 1907	\$663,897.58		
Less—			
Bond interest	\$291,582.00		
Sinking Fund	90,350.00		
Bond redemption	6,700.00	388,632.00	
Administration cost as revised....			\$275,265.58
Distribution, 1906	\$544,289.18		
Less—			
Renewals	\$288,214.51	288,214.51	
Distribution as revised.....			\$256,074.67
Distribution, 1907	\$630,647.38		
Less—			
Renewals	\$366,685.43	366,685.43	
Distribution as revised.....			\$263,961.95
Manufacture, 1906	\$847,786.35		
Less—			
Furniture and fixtures—			
Fire loss.....	\$4,182.76		
Buildings—Fire loss.....	6,017.78		
Generating plant — Fire			
loss	4,903.65		
Holders—Fire loss	4,936.52	20,040.71	
Manufacture cost revised.....			\$827,745.64
Manufacture, 1907	\$997,127.43		
Less—			
Renewals—Buildings ...	\$3,018.33	3,018.33	
Manufacture cost as revised.....			\$994,109.10

GAS AND ELECTRICITY RATES

RECAPITULATION.

	1906.	1907.	1906.	1907.
Administration .....	.10850	.10885	\$ 230 382.57	\$ 275,265.58
Distribution .....	.12060	.10438	256,074.67	263,961.95
Manufacture .....	.38983	.39312	827,745.64	994,109.10
	<u>.61893</u>	<u>.60635</u>	<u>\$1,314,202.88</u>	<u>\$1,533,336.63</u>

SALES OF GAS IN 1907.

January—

	Cubic Feet.	Receipts.	Totals.
Consumers		\$209,168.72	
Public buildings		1,550.70	
Public schools		251.85	
Street lamps	272,627,900	7,476.95	
Private lamps		9.47	
Company use		197.45	\$218,655.14
		<u> </u>	

February—

Consumers		\$186,254.26	
Public buildings		1,021.30	
Public schools		171.75	
Street lamps	242,602,700	7,100.35	
Private lamps		9.47	
Company use		164.40	194,721.53
		<u> </u>	

March—

Consumers		\$170,337.41	
Public buildings		491.32	
Public schools		169.75	
Street lamps	221,662,700	8,149.81	
Private lamps		9.47	
Company use		320.45	179,478.21
		<u> </u>	

April—

Consumers		\$166,279.69	
Public buildings		868.09	
Public schools		108.10	
Street lamps	214,481,600	7,991.38	
Private lamps		34.97	
Company use		140.40	175,422.63
		<u> </u>	

May—

Consumers		\$147,670.53	
Public buildings		798.14	
Public schools		92.40	
Street lamps	187,702,400	8,317.90	
Private lamps		34.97	
Company use		172.55	157,086.49
		<u> </u>	

GAS AND ELECTRICITY RATES

1061

June—

Consumers	\$128,531.81	
Public buildings	707.05	
Public schools	107.85	
Street lamps .....165,356,300	8,084.42	
Private lamps	34.97	
Company use	112.60	137,578.70

July—

Consumers	\$133,180.03	
Public buildings	694.68	
Public schools	26.87	
Street lamps .....172,558,000	10,932.12	
Private lamps	102.81	
Company use	103.40	145,039.91

August—

Consumers	\$130,264.19	
Public buildings	607.44	
Public schools	57.00	
Street lamps .....168,080,800	8,316.60	
Private lamps	59.23	
Company use	107.80	139,412.26

September—

Consumers	\$149,277.79	
Public buildings	641.52	
Public schools	101.52	
Street lamps .....192,867,200	8,265.85	
Private lamps	58.45	
Company use	40.25	158,385.38

October—

Consumers	\$161,490.43	
Public buildings	720.36	
Public schools	151.91	
Street lamps .....209,313,000	6,074.15	
Private lamps	59.23	
Company use	86.50	168,582.58

November—

Consumers	\$174,419.07	
Public buildings	811.86	
Public schools	125.24	
Street lamps .....225,928,300	8,549.99	
Private lamps	34.97	
Company use	157.95	184,099.08

December—

Consumers	\$196,224.09	
Public buildings	1,057.32	
Public schools	190.21	
Street lamps .....255,586,500	8,960.93	
Private lamps	34.97	
Company use	242.10	206,709.62

2,528,767,400

\$2,065,171.53

SALES OF GAS IN 1907.

RECAPITULATION.

Receipts, 1907—

Consumers	\$1,953,098.02
Public buildings	9,969.78
Public schools	1,554.45
Street lamps	98,220.45
Private lamps	482.98
Company use	1,845.85
	<hr/>
	\$2,065,171.53

STATEMENT OF MANUFACTURING EXPENSE, DECEMBER 31, 1906.

	Labor.	Material.	Total.
Gas purchased		\$591,274.53	\$591,274.53
Water		1,778.84	1,778.84
Gas oil used		70,742.79	70,742.79
Purifying materials		3,250.00	3,250.00
Repairs, holders	\$ 2,587.42	2,416.18	5,003.60
Repairs and renewals of works and bldgs.	885.98	619.32	1,505.30
Manufacturing wages	32,566.16		32,566.16
Repairs—Generators and retorts		650.06	650.06
Repairs—Engines, boilers, blowers and pumps	849.06	3,862.47	4,711.53
Repairs—Bldgs., bunkers and wharves..	1,563.49	1,157.47	2,720.96
Repairs—Scrubbers, condensers, purify- ers and exhausters	109.70	11.78	121.48
Repairs—Oil apparatus	3.00		3.00
Repairs—Manufacturing plant, Misc.....	6,574.65	3,212.51	9,787.16
Boiler fuel		5,095.85	5,095.85
Generator fuel		88,764.12	88,764.12
Works supplies		1,406.18	1,406.18
Works expense	403.25	7,960.83	8,364.08
Furniture and fixtures—Fire loss.....		4,182.76	4,182.76
Buildings—Fire loss		6,017.78	6,017.78
Generating plant—Fire loss		4,903.65	4,903.65
Holdings—Fire loss		4,936.52	4,936.52
	<hr/>	<hr/>	<hr/>
	\$45,542.71	\$802,243.64	\$847,786.35

GAS AND ELECTRICITY RATES

1063

STATEMENT OF MANUFACTURING EXPENSE, DECEMBER 31, 1907.

	Labor.	Material.	Total.
Gas purchased		\$720,998.70	\$720,998.70
Water		1,490.73	1,490.73
Gas oil used		159,861.80	159,861.80
Purification	\$ 4,843.74	4,028.56	8,872.30
Repairs and renewals—Holders.....	551.10	530.03	1,081.13
Repairs and renewals works and Bldgs..	3,386.45	421.61	3,808.06
Lampblack used		17,846.23	17,846.23
Waste and lubricants		337.73	337.73
Anthracite coal used		643.84	643.84
Foreman gas works	1,546.20		1,546.20
Gas makers	3,817.95		3,817.95
Gas makers' assistants	5,215.75		5,215.75
Engineers and firemen	6,772.45		6,772.45
General labor at gas works.....	19,370.75		19,370.75
Repairs and renewals of generating plant	8,599.73	6,803.50	15,403.23
Manufacturing—Sundry	6,318.94	20,723.31	27,042.25
Buildings, replacement	3,018.33		3,018.33
	<u>\$63,441.39</u>	<u>\$933,686.04</u>	<u>\$997,127.43</u>

STATEMENT OF DISTRIBUTION EXPENSE, GAS, DECEMBER 31, 1906.

	Labor.	Material.	Total.
Street lamp operation (contract Wels- bach Co.)		\$ 40,962.20	\$ 40,962.20
Collectors	\$10,894.91		10,894.91
Inspectors	521.40		521.40
Statements	3,611.78		3,611.78
Watchmen	1,938.71		1,938.71
Distribution wages	48,420.83	2,649.24	51,070.07
Foreman of distribution	3,843.00		3,843.00
Sundry distribution	1,481.79	7,511.38	8,993.17
Distribution supplies		1,479.67	1,479.67
Distribution expense	1,600.99	2,687.38	4,288.37
Repairs distribution plant	1,088.35		1,088.35
Removing and setting meters	24,038.56	9,026.80	33,065.36
Repairs mains	20,621.06	15,900.49	36,521.55
Maintenance mains			110,697.49
Repairs meters	4,191.62	6,810.55	11,002.17
Maintenance meters			78,855.87
Repairs street lamps	829.58	862.58	1,692.16
Maintenance street lamps			1,055.99
Repairs services	10,363.57	8,017.17	18,380.74
Maintenance services			97,605.16
Repairs and renewals of wagons and autos	1,079.30	4,300.18	5,379.48
Damage to persons and property.....		1,218.04	1,218.04
Repairs and renewals—Tools.....	724.11	178.60	902.71
Advertising			3,059.38
Gas stoves			522.07
Renovation			15,639.38
			<u>\$544,289.18</u>

STATEMENT OF DISTRIBUTION EXPENSE GAS, DECEMBER 31, 1907.

	Labor.	Material.	Total.
Street lamp operation (contract Welsbach Co.)		\$ 48,934.36	\$ 48,934.36
Collectors	\$21,164.39		21,164.39
Inspectors	2,718.15		2,718.15
Statements	8,645.95		8,645.95
Watchmen	3,196.90		3,196.90
Distribution wages (general labor).....	37,074.45	901.05	37,975.50
Foreman of distribution	2,529.05		2,529.05
Sundry distribution	1,970.70	24,009.31	25,980.01
Sets, outs and complaints	23,518.30	3,631.95	27,150.25
Repairs and renewals street mains.....	19,291.88	14,372.81	33,664.69
Repairs and renewals of meters	14,351.35	8,380.07	22,731.42
Repairs street lamps	4,677.40	1,745.63	6,423.03
Repairs and renewals street service.....	4,091.12	2,925.58	7,016.70
Repairs and renewals wagons and autos	2,345.12	12,393.76	14,738.88
Gas stove repairs and complaints.....	1,013.30	1,166.72	2,180.02
Repairs and renewals of tools.....	1,518.86	412.12	1,930.98
Replacement mains		50,000.00	50,000.00
Replacement services		193,199.41	193,199.41
Replacement meters		120,467.69	120,467.69
	<u>\$148,106.92</u>	<u>\$482,540.46</u>	<u>\$630,647.38</u>

STATEMENT OF ADMINISTRATION EXPENSE GAS, DECEMBER 31, 1906.

	Labor.	Material.	Total.
Bond interest		\$288,396.00	\$288,396.00
Sinking Fund		108,741.68	108,741.68
Taxes		67,391.70	67,391.70
Salaries of executive officers.....	\$ 4,497.12		4,497.12
General salaries	41,715.32		41,715.32
Branch office salaries	5,230.71		5,230.71
Main office expense	22.25	10,740.81	10,763.06
Office supplies		4,004.96	4,004.96
Branch office expense		1,902.73	1,902.73
General expense	101.90	8,122.27	8,224.17
Interest		9,793.20	9,793.20
Automobile expense, salaries.....	801.90		801.90
Bad debts		42,667.04	42,667.04
Rents payable		7,041.20	7,041.20
Legal expenses	1,404.62		1,404.62
Shorts in collections		111.20	111.20
Directors' fees	1,333.58		1,333.58
Fire insurance		2,089.82	2,089.82
Warehouse expenses and salaries.....	13,905.69	3,061.91	16,967.60
Casualty insurance		4,442.64	4,442.64
Bad debts (fire losses)		70,372.77	70,372.77
Sundry sales (account lost ledgers).....		7,462.52	7,462.52
Fire and earthquake (moving debris)....		37,759.58	37,759.58
Storeroom (fire loss—gas).....		67,790.82	67,790.82
	<u>\$69,013.09</u>	<u>\$741,892.85</u>	<u>\$810,905.94</u>

GAS AND ELECTRICITY RATES

1065

STATEMENT OF ADMINISTRATION EXPENSE, DECEMBER 31, 1907.

	Labor.	Material.	Total.
Bond interest		\$291,582.00	\$291,582.00
Sinking Fund		90,350.00	90,350.00
Taxes		54,334.74	54,334.74
Salaries of executive officers.....	\$ 7,912.08		7,912.08
Main office salaries	48,052.03		48,052.03
Branch office salaries	20,114.85		20,114.85
Main office expense		12,845.62	12,845.62
Branch office expense		5,931.24	5,931.24
General expense (sundry).....		14,057.29	14,057.29
Interest		36,848.60	36,848.60
Automobile expense, salaries.....	2,170.99		2,170.99
Automobile expense		792.32	792.32
Bad debts		23,443.20	23,443.20
Rents payable		7,295.55	7,295.55
Legal expenses	1,125.34		1,125.34
Shorts in collections		1,194.92	1,194.92
Directors' fees	825.40		825.40
Advertising gas		8,185.32	8,185.32
Insurance		4,850.64	4,850.64
Warehouse salaries	23,975.65		23,975.65
Warehouse expense		3,996.06	3,996.06
Damages to persons and property.....		3,085.82	3,085.82
Casualty insurance		814.00	814.00
Gas on hand (in holders).....		113.92	113.92
	<u>\$104,176.34</u>	<u>\$559,721.24</u>	<u>\$663,897.58</u>

STATEMENT OF SAN FRANCISCO GAS & ELECTRIC COMPANY'S REAL ESTATE USED FOR GAS PRODUCTION AND DISTRIBUTION.

Description.	Proportion Used.	Assessed Value 1907-1908.	Estimated Value in Cash.
Howard and Fifth streets—			
SE. line Howard, 275 feet NE. from Fifth, NE. 25 x 155.....	4-10ths	\$ 2,060	\$ 4,120
E. cor. Howard and Fifth, NE. 275 x 155..	4-10ths	31,372	62,744
E. cor. Fifth and Tehama, SE. 80 x 275....	4-10ths	7,464	14,928
		<hr/>	<hr/>
		\$ 40,896	\$ 81,792
Potrero—			
E. line Georgia, 154 feet S. from 22d, S. 279 x 200	All	\$ 12,250	\$ 24,500
NE. cor. 23rd and Michigan, N. 433 x 200	All	13,410	26,820
NE. cor. Delaware and Humboldt, N. 246 x 200	All	17,500	35,000
E. line Maryland, 154 feet S. from 22nd, S. 279 x 200	All	18,250	36,500
W. line Maryland, 154 feet S. from 22nd, S. 279 x 200	All	16,750	33,500
SE. Cor. 23rd and Delaware, S. 178 x 200..	All	9,350	18,700
SW. cor. 23rd and Delaware, S. 178 x 143..	All	6,850	13,700
E. line Georgia, 69 10-12 from 23rd, S. 78 x 200	All	1,680	3,360
NW. line Mariposa and Vermont, S. 25 feet, W. 106 feet, NW. 108 to Bay.....	All	.....	500
W. line Vermont, 25 feet S from Mariposa, S. 25, W. 101-6 3-8-12, NW. 23 3-12, E. 106 to Bay	All	.....	380
		<hr/>	<hr/>
		\$ 96,040	\$192,960
North Beach—			
NW. cor. Bay and Laguna, W. 412 x 275....	All	\$ 20,340	\$ 40,680
NW. cor. Beach and Buchanan, N. 275 x 386 3-12	1-3	3,657	7,313
NE. cor. Francisco and Steiner, N. 275 x 275	2%	248	496
NW. cor. Webster and Chestnut, W. 275 x 275	½	6,865	13,730
NE. cor. Webster and Tonquin, E. 26 3-12 x 275	½	430	860
		<hr/>	<hr/>
		\$ 31,540	\$ 63,079
Sutter street office lot—			
S. line Sutter, 161 feet from Powell, E. 53 9-12 x 137 6-12	All	\$ 44,760	\$ 74,600
Totals—			
Howard and Fifth streets		\$ 40,896	\$ 81,792
Potrero		96,040	192,960
North Beach		31,540	63,079
Sutter street office lot.....		44,760	74,600
		<hr/>	<hr/>
		\$213,236	\$412,431

Supplemental Report of Public Accountant C. D. Stuart, on Cost of Manufacturing and Distributing Gas in San Francisco for the Years 1906-1907.

FILED MAY 18, 1908.

VOLUME II.

111 New Montgomery street, San Francisco, May 18th, 1908.

To the Finance and Artificial Lights Joint Committee,
Board of Supervisors, San Francisco.

Gentlemen:—This volume contains an abstract of the San Francisco Gas and Electric Company's ledger accounts in detail as to months, and shows the cost of gas for 1906 and 1907, under headings Manufacture (pp. 2 to 41), Distribution (pp. 42 to 81), Administration (pp. 82 to 130).

In addition I have added some data from the contracts for oil purchases for the coming two years, page 131; details of gas bought in 1907, page 132, and lamp black used, 1907, page 133, gas oil used 1906 and 1907, pages 134-135; some items as to corporation's organization, page 136; balance sheet for December 31st, 1907, page 137, and asset and liability statement, same date, page 138. I have filed these abstracts from the corporation's books for future reference.

Yours faithfully,

C. D. STUART,
Accountant.

STATEMENT OF MANUFACTURING EXPENSES.

1906.	Labor.	Material.	Total.
Gas purchased.....		\$591,274.53	\$591,274.53
Water		1,778.84	1,778.84
Gas oil used.....		70,742.79	70,742.79
Purifying materials.....		3,250.00	3,250.00
Repairs, holders.....	\$ 2,587.42	2,416.18	5,003.60
Repairs and renewals of works and buildings	885.98	619.32	1,505.30
Manufacturing wages	32,566.16		32,566.16
Repairs, generators and retorts.....		650.06	650.06
Repairs, engines, boilers, blowers and pumps	849.06	3,862.47	4,711.53
Repairs, building, bunkers and wharves	1,563.49	1,157.47	2,720.96
Repairs, scrubbers, condensers, puri- fiers and exhausts.....	109.70	11.78	121.48
Repairs, oil apparatus.....	3.00		3.00
Repairs, manufacturing plant, miscel- laneous	6,574.65	3,212.51	9,787.16
Boiler fuel		5,095.85	5,095.85
Generator fuel.....		88,764.12	88,764.12
Works, supplies		1,406.18	1,406.18
Works, expense	403.25	7,960.83	8,364.08
Add Furniture and fixtures, fire loss....		4,182.76	4,182.76
Add Buildings, fire loss.....		6,017.78	6,017.78
Add Generating plant, fire loss.....		4,903.65	4,903.65
Add Holders, fire loss.....		4,936.52	4,936.52

\$847,786.35

GAS AND ELECTRICITY RATES

GAS PURCHASED.

By Months.

1906.	Labor.	Material.	Total.
March		\$ 27,230.70	
April		25,350.30	
May		27,174.00	
June		48,397.50	
July		58,003.93	
August		62,358.00	
September		69,168.30	
October		77,671.80	
November		86,525.10	
December		109,394.90	
			\$591,274.53

WATER (GAS).

By Months.

1906.	Labor.	Material.	Total.
January		\$634.96	
February		576.13	
March		511.85	
April		55.19	
May .....		.71	
			\$1,778.84

GAS OIL USED (GAS).

By Months.

1906.	Labor.	Material.	Total.
January		\$26,447.89	
February		19,949.20	
March		17,947.17	
April		6,398.53	
			\$70,742.79

PURIFYING MATERIALS (GAS)

By Months.

1906.	Labor.	Material.	Total.
January		\$1,500.00	
February		1,000.00	
March		750.00	
			\$3,250.00

REPAIRS—HOLDERS.

By Months.

1906.	Labor.	Material.	Total.
January		\$ 41.16	41.16
February		11.07	11.07
March		453.87	453.87
April	\$ 626.05	7.37	633.42
May	11.75		11.75
June	859.66	7.24	866.90
July			
August			
September	870.93	386.17	1,257.10
October	56.40	355.55	411.95
November	21.25	297.98	319.23
December	141.38	855.77	997.15
	\$2,587.42	\$2,416.18	\$5,003.60

GAS AND ELECTRICITY RATES

1069

REPAIRS—BUILDINGS, FURNITURE AND FIXTURES (GAS).

By Months.

1906.	Labor.	Material.	Total.
January		\$ 75.01	\$ 75.01
February		62.17	62.17
March		189.98	189.98
April	\$268.00	43.42	311.42
July	254.64	3.67	258.31
August		102.96	102.96
September	84.88	109.16	194.04
October	8.86	9.31	18.17
November	43.00		43.00
December	226.60	23.64	250.24
			<u>\$1,505.30</u>

MANUFACTURING WAGES (GAS).

By Months.

1906.	Labor.	Material.	Total.
January	\$9,622.36		
February	9,203.54		
March	8,507.66		
April	5,232.60		
			<u>\$32,566.16</u>

REPAIRS—GENERATORS AND RETORTS.

By Months.

1906.	Labor.	Material.	Total.
January		\$ 19.37	
February		470.80	
March		34.50	
April		64.46	
May		19.68	
June		41.25	
			<u>\$650.06</u>

REPAIRS—ENGINES, BOILERS, BLOWERS AND PUMPS.

By Months.

1906.	Labor.	Material.	Total.
January		\$ 921.39	\$ 921.39
February		1,306.43	1,306.43
March		1,585.04	1,585.04
April	\$243.46	13.36	256.82
May	519.83		519.83
June	85.77	36.25	122.02
			<u>\$4,711.53</u>

REPAIRS—BUILDINGS, BUNKERS AND WHARVES (GAS).

By Months.

1906.	Labor.	Material.	Total.
January		\$346.82	\$ 346.82
February		208.31	208.31
March		282.90	282.90
April	\$ 152.60		152.60
May	1,274.55	273.45	1,548.00
June	136.34	45.99	182.33
			<u>\$2,720.96</u>

GAS AND ELECTRICITY RATES

REPAIRS—SCRUBBERS, CONDENSERS, PURIFIERS AND EXHAUSTS

(GAS).

1906.	By Months.		
	Labor.	Material.	Total.
January		\$11.75	\$ 11.75
February			
March .....		.03	.03
April	18.25		18.25
May	5.00		5.00
June	86.45		86.45
	<u>\$109.70</u>	<u>\$11.78</u>	<u>\$121.48</u>

REPAIRS—OIL APPARATUS (GAS).

1906.	By Months.		
	Labor.	Material.	Total.
April 30	\$3.00		\$3.00

REPAIRS AND RENEWALS OF MANUFACTURING PLANT (GAS).

1906.	By Months.		
	Labor.	Material.	Total.
January		\$ 282.98	\$ 282.98
February		203.43	203.43
March		245.77	245.77
April	\$ 857.29	90.40	947.69
May	346.11		346.11
June		5.50	5.50
July	335.44	94.63	430.07
August	81.00	75.00	156.00
September	1,182.41		1,182.41
October	1,194.80	397.00	1,591.80
November	783.05	45.00	828.05
December	1,794.55	1,772.80	3,567.35
	<u>\$6,574.65</u>	<u>\$3,212.51</u>	<u>\$9,787.16</u>

BOILER FUEL (GAS).

1906.	By Months.		
	Labor.	Material.	Total.
January		\$4,316.87	
February		778.98	
			<u>\$5,095.85</u>

GENERATOR FUEL (GAS)

1906.	By Months.		
	Labor.	Material.	Total.
January		\$31,848.98	
February		26,739.23	
March		22,536.49	
April		7,403.26	
June		236.16	
			<u>\$88,764.12</u>

GAS AND ELECTRICITY RATES

1071

WORKS, SUPPLIES (GAS).

		By Months.		
1906.		Labor.	Material.	Total.
January	\$298.41	
February	234.71	
March	688.27	
April	181.69	
May	3.10	
			<hr/>	\$1,406.18

WORKS, EXPENSES (GAS).

		By Months.		
1906.		Labor.	Material.	Total.
January	.....	.....	\$2,504.43	\$2,504.43
February	.....	.....	2,289.01	2,289.01
March	.....	.....	2,147.02	2,147.02
April	.....	\$403.25	1,020.37	1,423.62
		<hr/>	<hr/>	<hr/>
		\$403.25	\$7,960.83	\$8,364.08

FURNITURE AND FIXTURES—FIRE LOSSES.

		By Months.		
1906.		Labor.	Material.	Total.
July	31.....	.....	\$ 185.19	
	31.....	.....	615.55	
Aug.	31.....	.....	531.92	
Sept.	29.....	.....	2,280.85	
Oct.	31.....	.....	310.20	
Nov.	30.....	.....	517.63	
Dec.	31.....	.....	220.30	
			<hr/>	\$4,661.64
Deduct sundry sales.....				478.88
				<hr/>
				\$4,182.76

BUILDINGS—FIRE LOSS.

		By Months.		
1906.		Labor.	Material.	Total.
July	31.....	\$102.01	\$2,858.96	\$2,960.97
Aug.	31.....	388.94	1,296.99	1,685.93
	31.....	.....	276.25	276.25
Sept.	29.....	105.70	80.08	185.78
	29.....	.....	56.00	56.00
Oct.	31.....	199.19	221.35	420.54
Nov.	30.....	11.97	.....	11.97
Dec.	31.....	.....	213.84	213.84
	31.....	.....	206.50	206.50
			<hr/>	<hr/>
				\$6,017.78

GENERATING PLANT—FIRE LOSS.

By Months.

1906.	Labor.	Material.	Total.
Aug. 31.....	\$1,071.65	.....	\$1,071.65
Sept. 29.....	.....	\$3,982.00	3,982.00
			<hr/>
			\$5,053.65
Less sundry sales			150.00
			<hr/>
			\$4,903.65

HOLDERS—FIRE SALES.

By Months.

1906.	Labor.	Material.	Total.
July 31.....	\$1,490.73	\$214.49	\$1,705.22
Aug. 31.....	972.37	197.09	1,169.46
Oct. 31.....	931.60	.....	931.60
Nov. 30.....	1,203.10	.....	1,203.10
Dec. 31.....	1,665.12	.....	1,665.12
			<hr/>
			\$6,674.50
Less sundry sales			1,737.98
			<hr/>
			\$4,936.52

STATEMENT OF MANUFACTURING EXPENSE.

By Months.

1907.	Labor.	Material.	Total.
Gas purchased .....	.....	\$720,998.70	\$720,998.70
Water .....	.....	1,490.73	1,490.73
Gas oil used .....	.....	159,861.80	159,861.80
Purification—Labor and materials.....	\$4,843.74	4,028.56	8,872.30
Repairs and renewals of holders.....	551.10	530.03	1,081.13
Repairs and renewals of works and buildings	3,386.45	421.61	3,808.06
Lampblack used (purchased).....	.....	17,846.23	17,846.23
Waste and lubricants.....	.....	337.73	337.73
Anthracite coal used.....	.....	643.84	643.84
Foreman at Gas Works.....	1,546.20	.....	1,546.20
Gas makers	3,817.95	.....	3,817.95
Gas makers' assistants.....	5,215.75	.....	5,215.75
Engineers and fireman	6,772.45	.....	6,772.45
General labor at Gas Works.....	19,370.75	.....	19,370.75
Repairs and renewals of generating plant	8,599.73	6,803.50	15,403.23
Manufacturing sundry	6,318.94	20,723.31	27,042.25
Add buildings, replacement	3,018.33	.....	3,018.33
			<hr/>
			\$997,127.43

GAS PURCHASED.

By Months.

1907.	Labor.	Material.	Total.
January		\$116,679.00	
February		96,302.70	
March		104,079.90	
April		86,859.90	
May		76,494.60	
June		66,873.60	
July		67,261.80	
August		72,560.70	
September		3,486.00	
October		3,941.70	
November		6,381.30	
December		20,077.50	
			\$720,998.70

WATER PURCHASED (GAS).

By Months.

1907.	Labor.	Material.	Total.
September		\$140.12	
October		566.25	
November		351.94	
December		432.42	
			\$1,490.73

GAS OIL USED (GAS).

By Months.

1907.	Labor.	Material.	Total.
Sept. 30.....		\$37,035.01	
Oct. 31.....		40,581.35	
Nov. 30.....		41,915.82	
Dec. 31.....		40,329.62	
			\$159,861.80

PURIFICATION—LABOR AND MATERIAL (GAS).

By Months.

1907.	Labor.	Material.	Total.
September	\$1,167.30	\$2,264.74	\$3,432.04
October	1,441.10	1,096.82	2,537.92
November	795.29	230.00	1,025.29
December	1,440.05	437.00	1,877.05
	\$4,843.74	\$4,028.56	\$8,872.30

REPAIRS AND RENEWALS OF HOLDERS (GAS).

By Months.

1907.	Labor.	Material.	Total.
January	\$436.50	\$137.29	\$ 573.79
February	51.95	93.16	145.11
March	11.00	.....	11.00
April	2.70	42.41	45.11
May	10.00	91.98	101.98
June	17.00	.....	17.00
July	14.00	23.00	37.00
August .....	.....	4.76	4.76
September .....	.....	115.11	115.11
October	7.95	.....	7.95
November .....	.....	22.32	22.32
December .....	.....	.....	.....
	<u>\$551.10</u>	<u>\$530.03</u>	<u>\$1,081.13</u>

REPAIRS AND RENEWALS OF WORKS AND BUILDINGS (GAS).

By Months.

1907.	Labor.	Material.	Total.
January	\$ 188.40	.....	\$ 188.40
February	196.15	.....	196.15
March	382.08	\$ 50.00	432.08
April	346.90	94.69	441.59
May	143.72	27.50	171.22
June	228.20	14.31	242.51
July	1.50	22.25	23.75
August	39.00	74.03	113.03
September	785.40	78.07	863.47
October	322.20	36.44	358.64
November	447.35	7.13	454.48
December	305.55	17.19	322.74
	<u>\$3,386.45</u>	<u>\$421.61</u>	<u>\$3,808.06</u>

LAMPBLACK USED (GAS).

By Months.

1907.	Labor.	Material.	Total.
October	\$ 5,600.00	.....
November	1,281.80	.....
December	10,964.43	.....
	<u>.....</u>	<u>.....</u>	<u>\$17,846.23</u>

WASTE AND LUBRICANTS (GAS).

By Months.

1907.	Labor.	Material.	Total.
September	\$162.10	
October	29.90	
December	145.73	
	<u>.....</u>	<u>.....</u>	<u>\$337.73</u>

GAS AND ELECTRICITY RATES

1075

ANTHRACITE COAL USED (GAS).

		By Months.		Total.
1907.		Labor.	Material.	
December	\$643.84	\$643.84
		<hr/>	<hr/>	

FOREMAN AT GAS WORKS.

		By Months.		Total.
1907.		Labor.	Material.	
September	.....	\$150.00	.....
October	.....	226.20	.....
November	.....	650.00	.....
December	.....	520.00	.....
		<hr/>	<hr/>	\$1,546.20

GAS MAKERS.

		By Months.		Total.
1907.		Labor.	Material.	
September	.....	\$954.55	.....
October	.....	962.50	.....
November	.....	947.75	.....
December	.....	953.15	.....
		<hr/>	<hr/>	\$3,817.95

GAS MAKERS' ASSISTANTS.

		By Months.		Total.
1907.		Labor.	Material.	
September	.....	\$1,230.70	.....
October	.....	1,263.20	.....
November	.....	1,347.50	.....
December	.....	1,374.35	.....
		<hr/>	<hr/>	\$5,215.75

ENGINEERS AND FIREMAN (GAS).

		By Months.		Total.
1907.		Labor.	Material.	
September	.....	\$1,439.65	.....
October	.....	1,871.10	.....
November	.....	1,658.05	.....
December	.....	1,803.65	.....
		<hr/>	<hr/>	\$6,772.45

GENERAL LABOR AT GAS WORKS.

		By Months.		Total.
1907.		Labor.	Material.	
September	.....	\$3,437.65	.....
October	.....	4,597.55	.....
November	.....	5,579.10	.....
December	.....	5,756.45	.....
		<hr/>	<hr/>	\$19,370.75

GAS AND ELECTRICITY RATES

REPAIRS AND RENEWALS OF GENERATING PLANT (GAS).

By Months.

1907.	Labor.	Material.	Total.
January	\$1,362.60	\$1,349.98	\$ 2,712.58
February	68.25	243.80	312.05
March .....	.....	35.02	35.02
April	215.05	1,878.75	2,093.80
May	43.88	.....	43.88
June	540.65	27.00	567.65
July	755.85	69.22	825.07
August	73.60	8.40	82.00
September	1,436.25	1,592.27	3,028.52
October	1,149.75	1,198.78	2,348.53
November	1,600.70	23.93	1,624.63
December	1,353.15	376.35	1,729.50
	<hr/>	<hr/>	<hr/>
	\$8,599.73	\$6,803.50	\$15,403.23

MANUFACTURING—SUNDRY (GAS).

By Months.

1907.	Labor.	Material.	Total.
September	\$1,167.19	\$ 5,085.34	\$ 6,252.53
October	1,592.25	5,499.12	7,091.37
November	1,741.50	3,915.22	5,656.72
December	1,818.00	6,223.63	8,041.63
	<hr/>	<hr/>	<hr/>
	\$6,318.94	\$20,723.31	\$27,042.25

BUILDINGS, REPLACEMENT

By Months.

1907.	Labor.	Material.	Total.
Dec. 31.....	\$3,018.33	
	<hr/>	<hr/>	<hr/>
			\$3,018.33

STATEMENT OF DISTRIBUTION EXPENSE.

1906.	Labor.	Material.	Total.
Street lamp operation (Contract Welsbach Co.)		\$40,962.20	\$ 40,962.20
Collectors	\$10,894.91		10,894.91
Inspectors	521.40		521.40
Statements	3,611.78		3,611.78
Watchmen	1,938.71		1,938.71
Distribution wages	48,420.83	2,649.24	51,070.07
Foreman of distribution	3,843.00		3,843.00
Sundry distribution	1,481.79	7,511.38	8,993.17
Distribution supplies		1,479.67	1,479.67
Distribution expense	1,600.99	2,687.38	4,288.37
Repairs—Distribution plant.....	1,088.35		1,088.35
Removing and setting meters.....	24,038.56	9,026.80	33,065.36
Repairs—Mains	20,621.06	15,900.49	36,521.55
Add maintenance			110,697.49
Repairs—Meters	4,191.62	6,810.55	11,002.17
Add maintenance			78,855.87
Repairs—Street lamps	829.58	862.58	1,692.16
Add maintenance			1,055.99
Repairs—Services	10,363.57	8,017.17	18,380.74
Add maintenance			97,605.16
Repairs and renewals of wagons and autos	1,079.30	4,300.18	5,379.48
Damages to persons and property.....		1,218.04	1,218.04
Repairs and renewals and tools.....	724.11	178.60	902.71
Advertising		3,059.38	3,059.38
Gas stoves advertising		522.07	522.07
Renovation—Gas stoves		15,639.38	15,639.38
			<u>\$544,289.18</u>

STREET LAMP OPERATION.

By Months.

1906.	Labor.	Material.	Total.
January		\$ 5,416.67	\$ 5,416.67
February		5,415.52	5,415.52
March		5,410.77	5,410.77
April		3,069.45	3,069.45
May		1,411.82	1,411.82
June		2,423.49	2,423.49
July		2,036.03	2,036.03
August		3,199.78	3,199.78
September		2,790.26	2,790.26
October		3,098.32	3,098.32
November		3,205.82	3,205.82
December		3,484.27	3,484.27
		<u>\$40,962.20</u>	<u>\$40,962.20</u>

COLLECTORS.

By Months.

1906.	Labor.	Material.	Total.
July	\$ 2,221.75		\$ 2,221.75
August	2,064.66		2,064.66
September	1,716.00		1,716.00
October	1,776.35		1,776.35
November	1,582.60		1,582.60
December	1,533.55		1,533.55
	<u>\$10,894.91</u>		<u>\$10,894.91</u>

INSPECTORS.

By Months.

1906.	Labor.	Material.	Total.
August	\$100.00		\$100.00
September	100.00		100.00
October	100.00		100.00
November	100.00		100.00
December	121.40		121.40
	<u>\$521.40</u>		<u>\$521.40</u>

STATEMENTS.

By Months.

1906.	Labor.	Material.	Total.
July	\$ 770.65		\$ 770.65
August	568.03		568.03
September	531.00		531.00
October	536.45		536.45
November	595.00		595.00
December	610.65		610.65
	<u>\$3,611.78</u>		<u>\$3,611.78</u>

GAS AND ELECTRICITY RATES

1079

WATCHMEN.

By Months.

1906.	Labor.	Material.	Total.
July	\$ 441.20	.....	\$ 441.20
August	507.51	.....	507.51
September	320.00	.....	320.00
October	235.00	.....	235.00
November	185.00	.....	185.00
December	250.00	.....	250.00
	\$1,938.71		\$1,938.71

DISTRIBUTION WAGES.

By Months.

1906.	Labor.	Material.	Total.
January	\$ 7,797.68	.....	\$ 7,797.68
February	7,651.53	.....	7,651.53
March	7,836.25	.....	7,836.25
April	7,130.53	.....	7,130.53
May	2,767.15	.....	2,767.15
June	5,808.14	.....	5,808.14
July	677.48	\$ 355.99	1,033.47
August	3,301.31	1,338.58	4,639.89
September	1,097.21	294.02	1,391.23
October	1,742.25	451.90	2,194.15
November	701.85	148.45	850.30
December	1,909.45	60.30	1,969.75
	\$48,420.83	\$2,649.24	\$51,070.07

FOREMAN OF DISTRIBUTION.

By Months.

1906.	Labor.	Material.	Total.
July	\$ 500.00	.....	\$ 500.00
August	1,721.55	.....	1,721.55
September	871.45	.....	871.45
October	250.00	.....	250.00
November	250.00	.....	250.00
December	250.00	.....	250.00
	\$3,843.00		\$3,843.00

SUNDRY (DISTRIBUTION) GAS.

By Months.

1906.	Labor.	Material.	Total.
July	\$ 457.15	.....	\$ 457.15
August	893.64	\$ 85.25	978.89
September	43.50	1,005.14	1,048.64
October .....	.....	1,987.91	1,987.91
November	17.50	1,834.51	1,852.01
December	70.00	2,598.57	2,668.57
	\$1,481.79	\$7,511.38	\$8,993.17

GAS AND ELECTRICITY RATES

DISTRIBUTION SUPPLIES.

By Months.

1906.	Labor.	Material.	Total.
January		\$ 88.00	
February		56.95	
March		365.66	
April		45.91	
May		131.93	
June		791.22	
			\$1,479.67

DISTRIBUTION EXPENSE (GAS).

By Months.

1906.	Labor.	Material.	Total.
January		\$ 676.43	\$ 676.43
February		655.39	655.39
March		753.81	753.81
April	\$ 373.84	153.81	527.65
May	126.50	35.90	162.40
June	1,100.65	412.04	1,512.69
			5
	\$1,600.99	\$2,687.38	\$4,288.37

REPAIRS DISTRIBUTION PLANT, MISCELLANEOUS.

By Months.

1906.	Labor.	Material.	Total.
April	\$ 886.05		\$ 886.05
June	202.30		202.30
	\$1,088.35		\$1,088.35

REMOVING AND SETTING METERS (GAS).

By Months.

1906.	Labor.	Material.	Total.
January		\$1,802.45	\$ 1,802.45
February		1,704.91	1,704.91
March		2,077.87	2,077.87
April	\$ 1,141.96	15.14	1,157.10
May	572.50	60.68	633.18
June	4,606.30	59.81	4,666.11
July	5,786.38	695.94	6,482.32
August	4,220.36	687.13	4,907.49
September	2,257.21	789.61	3,046.82
October	2,554.66	479.33	3,033.99
November	1,762.70	313.43	2,076.13
December	1,136.49	340.50	1,476.99
	\$24,038.56	\$9,026.80	\$33,065.36

GAS AND ELECTRICITY RATES

1081

REPAIRS—MAINS.

By Months.

1906.	Labor.	Material.	Total.
January		\$ 849.81	\$ 849.81
February		3,338.57	3,338.57
March		2,787.02	2,787.02
April	\$ 3,250.95	326.70	3,577.65
May	528.07	217.21	745.28
June	14,412.32	6,869.42	21,281.74
October	1,807.12	756.15	2,563.27
November	254.87	415.96	670.83
December	367.73	339.65	707.38
	\$20,621.06	\$15,900.49	\$36,521.55

REPAIRS—METERS.

By Months.

1906.	Labor.	Material.	Total.
January		\$1,936.18	\$ 1,936.18
February		1,221.58	1,221.58
March		2,145.84	2,145.84
April	\$1,529.36	46.35	1,575.71
May	638.40	55.13	693.53
June	1,307.30	355.09	1,662.39
October	515.31	763.55	1,278.86
November	85.13	230.99	316.12
December	116.12	55.84	171.96
	\$4,191.62	\$6,810.55	\$11,002.17

REPAIRS,—STREET LAMPS.

By Months.

1906.	Labor.	Material.	Total.
January		\$240.30	\$ 240.39
February		181.11	181.11
March		249.96	249.96
April	\$ 77.15	36.47	113.62
May	30.00	14.71	44.71
June	203.16	1.32	204.48
July	45.60		45.60
August		21.35	21.35
September		78.52	78.52
October	30.93	32.79	63.72
November	312.25	4.55	216.80
December	130.49	1.41	131.90
	\$829.58	\$862.58	\$1,692.16

GAS AND ELECTRICITY RATES

REPAIRS—SERVICES.

1906.	By Months.		
	Labor.	Material.	Total.
January		\$1,631.22	\$ 1,631.22
February		1,733.57	1,733.57
March		2,023.34	2,023.34
April	\$ 1,726.30	193.81	1,920.11
May	96.50	360.02	456.52
June	7,106.14	456.03	7,562.17
October	1,235.80	863.46	2,099.26
November	105.70	420.39	526.09
December	93.13	335.33	428.46
	<u>\$10,363.57</u>	<u>\$8,017.17</u>	<u>\$18,380.74</u>

REPAIRS AND RENEWALS OF WAGONS AND AUTOMOBILES.

1906.	By Months.		
	Labor.	Material.	Total.
July	\$ 7.51	\$ 428.71	\$ 436.22
August	6.80	1,144.28	1,151.08
September	149.32	301.84	451.16
October	189.19	717.65	906.84
November	208.48	650.64	859.12
December	518.00	1,057.06	1,575.06
	<u>\$1,079.30</u>	<u>\$4,300.18</u>	<u>\$5,379.48</u>

DAMAGES TO PERSONS AND PROPERTY.

1906.	By Months.		
	Labor.	Material.	Total.
July		\$ 181.07	
August		181.07	
September		181.07	
October		181.08	
November		181.08	
December		181.07	
		<u>\$1,086.44</u>	<u>\$1,086.44</u>

REPAIRS AND RENEWALS OF TOOLS.

1906.	By Months.		
	Labor.	Material.	Total.
July	\$ 88.05	\$ 16.78	\$104.83
August	107.27	1.08	108.35
September	94.03	8.86	102.89
October	185.19	11.82	197.01
November	144.12		144.12
December	105.45	140.06	245.51
	<u>\$724.11</u>	<u>\$178.60</u>	<u>\$902.71</u>

GAS AND ELECTRICITY RATES

1083

ADVERTISING.

By Months.

1906.	Labor.	Material.	Total.
March	\$ 88.00	
May	311.87	
June	122.20	
July	509.89	
August	509.89	
September	509.90	
October	509.90	
November	509.90	
December	509.90	
			\$3,581.45

GAS STOVES—RENOVATION.

By Months.

Dec. 31—Written off to P. and L. as losses on this account.....\$15,639.38

STATEMENT OF DISTRIBUTION EXPENSE.

By Months.

1907.	Labor.	Material.	Total.
Street lamp operation (contract Welsbach Co.) .....	.....	\$ 48,934.36	\$ 48,934.36
Collectors	\$ 21,164.39	.....	21,164.39
Inspectors	2,718.15	.....	2,718.15
Statements	8,645.95	.....	8,645.95
Watchmen	3,196.90	.....	3,196.90
Distribution wages (general labor).....	37,074.45	901.05	37,975.50
Foreman of distribution	2,529.05	.....	2,529.05
Sundry distribution	1,970.70	24,009.31	25,980.01
Sets, outs and complaints.....	23,518.30	3,631.95	27,150.25
Repairs and renewals street mains.....	19,291.88	14,372.81	33,664.69
Repairs and renewals of meters	14,351.35	8,380.07	22,731.42
Repairs of street lamps.....	4,677.40	1,745.63	6,423.03
Repairs and renewals street service.....	4,091.12	2,925.58	7,016.70
Repairs and renewals wagons and autos	2,345.12	12,393.76	14,738.88
Gas stove repairs and complaints.....	1,013.30	1,166.72	2,180.02
Repairs and renewals of tools.....	1,518.86	412.12	1,930.98
Replacement mains .....	.....	50,000.00	50,000.00
Replacement services .....	.....	193,199.41	193,199.41
Replacement meters .....	.....	120,467.69	120,467.69
	\$148,106.92	\$482,540.46	\$630,647.38

STREET LAMP OPERATION.

1907.	By Months.		
	Labor.	Material.	Total.
January		\$ 3,883.88	\$ 3,883.88
February		3,391.83	3,391.83
March		4,070.28	4,070.28
April		3,992.22	3,992.22
May		4,172.63	4,172.63
June		4,039.99	4,039.99
July		4,255.63	4,255.63
August		4,128.84	4,128.84
September		4,068.55	4,068.55
October		4,274.25	4,274.25
November		4,241.35	4,241.35
December		4,414.91	4,414.91
		<u>\$48,934.36</u>	<u>\$48,934.36</u>

COLLECTORS.

1907.	By Months.		
	Labor.	Material.	Total.
January	\$ 1,709.96		\$ 1,709.96
February	1,781.46		1,781.46
March	1,853.55		1,853.55
April	1,722.35		1,772.35
May	1,936.30		1,936.30
June	1,930.00		1,930.00
July	1,741.95		1,741.95
August	1,810.30		1,810.30
September	1,774.44		1,774.44
October	1,677.98		1,677.98
November	1,590.80		1,590.80
December	1,635.30		1,635.30
	<u>\$21,164.39</u>		<u>\$21,164.39</u>

INSPECTORS.

1907.	By Months.		
	Labor.	Material.	Total.
January	\$ 100.00		\$ 100.00
February	100.00		100.00
March	100.00		100.00
April	105.00		105.00
May	300.00		300.00
June	282.50		282.50
July	296.90		296.90
August	298.75		298.75
September	272.50		272.50
October	302.50		302.50
November	287.50		287.50
December	272.50		272.50
	<u>\$2,718.15</u>		<u>\$2,718.15</u>

STATEMENTS.

By Months.

1907.	Labor.	Material.	Total.
January	\$ 702.35	.....	\$ 702.35
February	717.12	.....	717.12
March	713.95	.....	713.95
April	667.65	.....	667.65
May	770.70	.....	770.70
June	720.00	.....	720.00
July	691.90	.....	691.90
August	718.30	.....	718.30
September	731.38	.....	731.38
October	768.20	.....	768.20
November	722.20	.....	722.20
December	722.20	.....	722.20
	<u>\$8,645.95</u>	<u>.....</u>	<u>\$8,645.95</u>

WATCHMEN.

By Months.

1907.	Labor.	Material.	Total.
January	\$ 278.50	.....	\$ 278.50
February	328.50	.....	328.50
March	354.25	.....	354.25
April	255.00	.....	255.00
May	187.50	.....	187.50
June	255.00	.....	255.00
July	260.00	.....	260.00
August	250.00	.....	250.00
September	259.50	.....	259.50
October	258.65	.....	258.65
November	255.00	.....	255.00
December	255.00	.....	255.00
	<u>\$3,196.90</u>	<u>.....</u>	<u>\$3,196.90</u>

GENERAL LABOR AND DISTRIBUTION.

By Months.

1907.	Labor.	Material.	Total.
January	\$ 3,459.35	\$ 67.60	\$ 3,526.95
February	1,475.70	833.45	2,309.15
March	2,789.95	.....	2,789.95
April	2,408.75	.....	2,408.75
May	2,806.85	.....	2,806.85
June	2,839.40	.....	2,839.40
July	3,209.85	.....	3,209.85
August	3,235.70	.....	3,235.70
September	4,097.65	.....	4,097.65
October	4,315.20	.....	4,315.20
November	3,467.75	.....	3,467.75
December	2,968.30	.....	2,968.30
	<u>\$37,074.45</u>	<u>\$901.05</u>	<u>\$37,975.50</u>

GAS AND ELECTRICITY RATES

FOREMAN OF DISTRIBUTION.

1907.	By Months.		
	Labor.	Material.	Total.
January	\$ 254.05	.....	\$ 254.05
February	250.00	.....	250.00
March	250.00	.....	250.00
April	250.00	.....	250.00
May	250.00	.....	250.00
June	250.00	.....	250.00
July	250.00	.....	250.00
August	250.00	.....	250.00
September	225.00	.....	225.00
October	100.00	.....	100.00
November	100.00	.....	100.00
December	100.00	.....	100.00
	<hr/>	<hr/>	<hr/>
	\$2,529.05		\$2,529.05

SUNDRY (DISTRIBUTION) GAS.

1907.	By Months.		
	Labor.	Material.	Total.
January	\$ 3.50	\$ 1,992.54	\$ 1,996.04
February	146.30	2,164.70	2,311.00
March .....	.....	1,709.16	1,709.16
April	169.35	3,024.65	3,194.00
May	269.55	1,771.61	2,041.16
June	203.75	1,484.41	1,688.16
July	181.00	1,593.72	1,774.72
August	127.00	1,644.30	1,771.30
September	101.50	1,075.18	1,176.68
October	204.00	3,399.75	3,603.75
November	182.50	3,532.19	3,714.69
December	382.25	617.10	999.35
	<hr/>	<hr/>	<hr/>
	\$1,970.70	\$24,009.31	\$25,980.01

SETS, OUTS AND COMPLAINTS (GAS).

1907.	By Months.		
	Labor.	Material.	Total.
January	\$ 1,250.20	\$ 444.41	\$ 1,694.61
February	1,568.46	155.67	1,724.13
March	1,324.19	203.00	1,527.19
April	1,796.50	355.05	2,151.55
May	1,915.82	128.64	2,044.46
June	2,033.30	377.28	2,380.58
July	1,858.30	284.53	2,142.83
August	1,738.77	388.07	2,126.84
September	2,283.95	331.42	2,615.37
October	2,330.43	235.23	2,555.66
November	2,617.80	227.42	2,845.22
December	2,840.58	501.23	3,341.81
	<hr/>	<hr/>	<hr/>
	\$23,518.30	\$3,631.95	\$27,150.25

REPAIRS AND RENEWALS OF STREET MAINS.

1907.	By Months.		
	Labor.	Material.	Total.
January	\$ 475.35	\$ 519.18	\$ 994.53
February	979.15	233.10	1,212.25
March	1,291.86	287.79	1,579.65
April	1,300.20	260.86	1,561.06
May	1,537.52	1,684.42	3,221.94
June	1,497.75	2,394.27	3,892.02
July	1,520.55	363.07	1,883.62
August	2,515.70	1,999.07	4,514.77
September	1,962.80	2,652.49	4,615.29
October	2,006.00	2,735.26	4,741.26
November	2,257.95	1,060.82	3,318.77
December	1,947.05	182.48	2,129.53
	<u>\$19,291.88</u>	<u>\$14,372.81</u>	<u>\$33,664.69</u>

REPAIRS AND RENEWALS OF METERS.

1907.	By Months.		
	Labor.	Material.	Total.
January	\$ 115.25	\$ 680.66	\$ 795.91
February	1,601.22	613.67	2,214.89
March	1,766.95	612.27	2,379.22
April	1,630.65	473.87	2,104.52
May	1,655.93	1,023.03	2,678.96
June	1,438.88	1,432.49	2,871.37
July	1,436.10	713.21	2,149.31
August	1,376.48	1,063.98	2,440.46
September	979.45	514.11	1,493.56
October	1,182.80	1,042.41	2,225.21
November	683.24	104.10	787.34
December	484.40	106.27	590.67
	<u>\$14,351.35</u>	<u>\$8,380.07</u>	<u>\$22,731.42</u>

REPAIRS AND RENEWALS OF STREET LAMPS AND POSTS.

1907.	By Months.		
	Labor.	Material.	Total.
January	\$ 708.75	\$ 403.39	\$1,112.14
February	389.20	87.91	477.11
March	363.50	27.26	390.76
April	427.25	49.17	476.42
May	427.25	51.02	478.27
June	419.55	28.27	447.82
July	6.00	15.03	21.03
August	561.15	290.62	851.77
September	221.30	117.38	338.68
October	262.80	167.66	430.46
November	167.75	230.39	398.14
December	722.90	277.53	1,000.43
	<u>\$4,677.40</u>	<u>\$1,745.63</u>	<u>\$6,423.03</u>

GAS AND ELECTRICITY RATES

REPAIRS AND RENEWALS OF STREET SERVICES.

By Months.

1907.	Labor.	Material.	Total.
January	\$ 379.55	\$ 314.42	\$ 693.97
February	197.80	178.64	376.44
March	82.22	160.90	243.12
April	131.90	179.21	311.11
May	241.00	193.10	434.10
June	165.00	166.59	331.59
July	451.85	206.23	658.08
August	465.70	765.20	1,230.90
September	469.45	273.25	742.70
October	543.00	165.41	708.41
November	447.75	156.64	604.39
December	515.90	165.99	681.89
	<hr/>	<hr/>	<hr/>
	\$4,091.12	\$2,925.58	\$7,016.70

REPAIRS AND RENEWALS OF WAGONS AND AUTOMOBILES.

By Months.

1907.	Labor.	Material.	Total.
January	\$ 311.52	\$ 184.74	\$ 496.26
February	237.60	1,107.11	1,344.71
March	278.20	852.30	1,130.50
April	303.55	916.97	1,220.52
May	336.43	751.83	1,088.26
June	405.25	436.41	841.66
July	302.87	1,228.29	1,531.16
August	139.30	980.74	1,120.04
September	13.30	132.30	145.60
October	4.15	198.24	202.39
November		433.79	433.79
December	12.95	146.04	
December, Charge for depreciation.....		5,025.00	5,183.99
	<hr/>	<hr/>	<hr/>
	\$2,345.12	\$12,393.76	\$14,738.88

GAS STOVE REPAIRS AND COMPLAINTS.

By Months.

1907.	Labor.	Material.	Total.
October	\$ 282.50	\$ 228.10	\$ 510.60
November	388.30	672.37	1,060.67
December	342.50	266.25	608.75
	<hr/>	<hr/>	<hr/>
	\$1,013.30	\$1,166.72	\$2,180.02

GAS AND ELECTRICITY RATES

1089

REPAIRS AND RENEWALS OF TOOLS.

By Months.

1907.	Labor.	Material.	Total.
January	\$ 114.50	-----	\$ 114.50
February	129.00	\$ 15.43	144.43
March	91.18	4.12	95.30
April	131.75	-----	131.75
May	129.53	22.50	152.03
June	112.80	35.43	148.23
July	67.60	10.57	78.17
August	45.00	1.19	46.19
September	76.25	119.18	195.43
October	232.45	47.47	279.92
November	180.80	72.50	253.30
December	208.00	83.73	291.73
	<u>\$1,518.86</u>	<u>\$412.12</u>	<u>\$1,930.98</u>

REPLACEMENT.

By Months.

Mains	\$ 50,000.00
Services	193,199.41
Meters	120,467.69
	<u>\$363,667.10</u>

STATEMENT OF ADMINISTRATION EXPENSE (GAS).
RECONCILIATED DEC. 31, 1906.

1906.	Labor.	Material.	Total.
Bond interest	-----	\$288,396.00	\$288,396.00
Sinking Fund	-----	108,741.68	108,741.68
Taxes	-----	67,391.70	67,391.70
Salaries of executive officers	\$4,497.12	-----	4,497.12
General salaries	41,715.32	-----	41,715.32
Branch office salaries	5,230.71	-----	5,230.71
Main office expense	22.25	10,740.81	10,763.06
Office supplies	-----	4,004.96	4,004.96
Branch office expense	-----	1,902.73	1,902.73
General expense	101.90	8,122.27	8,224.17
Interest	-----	9,793.20	9,793.20
Automobile expense, salaries	801.90	-----	801.90
Bad debts	-----	42,667.04	42,667.04
Rents payable	-----	7,041.20	7,041.20
Legal expenses	1,404.62	-----	1,404.62
Shorts in collections	-----	111.20	111.20
Directors' fees	1,333.58	-----	1,333.58
Fire insurance	-----	2,089.82	2,089.82
Add W. II. expense and salaries.....	\$13,905.69	\$3,061.91	\$ 16,967.60
Casualty insurance	-----	4,442.64	4,442.64
Bad debts (fire losses).....	-----	70,372.77	70,372.77
Sund. sales (account lost ledgers)	-----	7,462.52	7,462.52
Fire and earthquake (Mov. debris)	-----	57,759.58	57,759.58
Storeroom (fire loss gas).....	-----	67,790.82	67,790.82
			<u>\$810,905.94</u>

GAS AND ELECTRICITY RATES

BOND INTEREST (GAS).

By Months.

1906.	Labor.	Material.	Total.
January		\$24,033.00	
February		24,033.00	
March		24,033.00	
April		24,033.00	
May		24,033.00	
June		24,033.00	
July		24,033.00	
August		24,033.00	
September		24,033.00	
October		24,033.00	
November		24,033.00	
December		24,033.00	
			\$288,396.00

SINKING FUND (GAS).

By Months.

1906.	Labor.	Material.	Total.
January		\$25,920.83	
February		7,529.16	
March		7,529.16	
April		7,529.16	
May		7,529.18	
June		7,529.17	
July		7,529.17	
August		7,529.17	
September		7,529.17	
October		7,529.17	
November		7,529.17	
December		7,529.17	
			\$108,741.68

TAXES (GAS).

By Months.

1906.	Labor,	Material.	Total.
January		\$6,966.20	
February		6,966.19	
March		6,966.19	
April		6,966.19	
May		6,966.19	
June		6,966.19	
July		4,265.76	
August		4,265.76	
September		4,265.76	
October		4,265.76	
November		4,265.76	
December		4,265.75	
			\$67,391.70

GAS AND ELECTRICITY RATES

1091

SALARIES OF EXECUTIVE OFFICERS (GAS).

1906.	By Months.		Total.
	Labor.	Material.	
July	\$749.52	\$4,497.12
August	749.52	.....
September	749.52	.....
October	749.52	.....
November	749.52	.....
December	749.52	.....
	<u> </u>	<u> </u>	

GENERAL SALARIES (GAS).

1906.	By Months.		Total.
	Labor.	Material.	
January	\$2,590.13	\$41,715.32
February	2,654.97	.....
March	2,706.25	.....
April	2,894.50	.....
May	2,090.76	.....
June	2,219.74	.....
July	4,426.49	.....
August	4,426.49	.....
September	4,426.49	.....
October	4,426.50	.....
November	4,426.50	.....
December	4,426.50	.....
	<u> </u>	<u> </u>	

BRANCH OFFICE SALARIES (GAS).

1906.	By Months.		Total.
	Labor.	Material.	
July	\$871.78	\$5,230.71
August	871.78	.....
September	871.78	.....
October	871.79	.....
November	871.79	.....
December	871.79	.....
	<u> </u>	<u> </u>	

OFFICE EXPENSES (GAS).

1906.	By Months.		Total.
	Labor.	Material.	
January	\$ 287.40	\$10,763.06
February	254.62	
March	241.82	
April	90.15	
May	118.30	
June	\$22.25	55.65	
July	1,615.47	
August	1,615.48	
September	1,615.48	
October	1,615.48	
November	1,615.48	
December	1,615.48	
	<u>\$22.25</u>	<u>\$10,740.81</u>	

GAS AND ELECTRICITY RATES

OFFICE SUPPLIES (GAS).

1906.	By Months.		Total.
	Labor.	Material.	
January		\$ 444.30	
February		686.07	
March		1,087.25	
April		292.98	
May		484.71	
June		1,009.65	
			\$4,004.96

BRANCH OFFICE EXPENSE (GAS).

1906.	By Months.		Total.
	Labor.	Material.	
July		\$317.12	
August		317.12	
September		317.12	
October		317.12	
November		317.12	
December		317.13	
			\$1,902.73

GENERAL EXPENSE (GAS).

1906.	By Months.		Total.
	Labor.	Material.	
January		\$ 876.87	\$ 876.87
February		462.46	462.46
March		1,044.98	1,044.98
April	73.36	204.01	277.37
May	28.54	730.02	758.56
June		223.41	223.41
July		763.42	763.42
August		763.42	763.42
September		763.42	763.42
October		763.42	763.42
November		763.42	763.42
December		763.42	763.42
	\$101.90	\$8,122.27	\$8,224.17

INTEREST (GAS).

1906.	By Months.		Total.
	Labor.	Material.	
January		\$753.47	
February		680.56	
March		753.47	
April		729.16	
May		753.47	
June		729.16	
July		898.98	
August		898.98	
September		898.98	
October		898.99	
November		898.99	
December		898.99	
			\$9,793.20

GAS AND ELECTRICITY RATES

1093

AUTOMOBILE EXPENSE SALARIES (GAS).

1906.	By Months.		Total.
	Labor.	Material.	
September	\$200.47	\$801.90
October	200.47	.....
November	200.48	.....
December	200.48	.....

BAD DEBTS (GAS).

1906.	By Months.		Total.
	Labor.	Material.	
January	\$4,316.66	\$42,667.04
February	4,316.66	
March	4,316.66	
April	4,316.66	
May	4,316.66	
June	4,316.66	
July	2,794.51	
August	2,794.51	
September	2,794.51	
October	2,794.51	
November	2,794.52	
December	2,794.52	

RENTS PAYABLE (GAS).

1906.	By Months.		Total.
	Labor.	Material.	
January	\$402.50	\$7,041.20
February	512.50	
March	637.50	
April	592.50	
May	306.50	
June	527.50	
July	667.03	
August	667.03	
September	667.03	
October	667.03	
November	667.04	
December	727.04	

LEGAL EXPENSES (GAS).

1906.	By Months.		Total.
	Labor.	Material.	
January	\$ 42.50	\$1,404.62
February	37.50	.....
March	662.20	.....
April	37.50	.....
May	500.00	.....
July	62.46	.....
December	62.46	.....

GAS AND ELECTRICITY RATES

SHORTS IN COLLECTIONS (GAS).

By Months.

1906.	Cash.	Total.	Total.
September	\$37.07	\$37.07	
October	37.07	37.07	
December	37.06	37.06	
			\$111.20

DIRECTORS' FEES (GAS).

By Months.

1906.	Labor.	Material.	Total.
January	\$330.00	.....
February	190.00	.....
March	155.00	.....
April	55.00	.....
May	55.00	.....
June	60.00	.....
July	81.43	.....
August	81.43	.....
September	81.43	.....
October	81.43	.....
November	81.43	.....
December	81.43	.....
			\$1,333.58

INSURANCE (GAS).

By Months.

1906.	Labor.	Material.	Total.
January	\$ 6.73	
February	6.73	
March	7.75	
April	9.27	
May	9.28	
June	9.27	
July	340.13	
August	340.13	
September	340.13	
October	340.13	
November	340.13	
December	340.14	
			\$2,089.82

WAREHOUSE SALARIES (GAS).

By Months.

1906.	Labor.	Material.	Total
April	\$ 431.27	\$ 36.40	\$ 467.67
May	1,641.69	55.30	1,696.99
June	3,024.59	29.20	3,053.79
			\$5,218.45
Proportion to gas	\$ 3,902.29	.....	\$ 3,902.29
July	1,667.23	\$ 510.32	2,177.55
August	1,667.23	510.32	2,177.55
September	1,667.23	510.32	2,177.55
October	1,667.23	510.32	2,177.55
November	1,667.24	510.32	2,177.56
December	1,667.24	510.31	2,177.55
	\$13,905.69	\$3,061.91	\$16,967.60

CASUALTY INSURANCE (GAS).

By Months.

1906.	Labor.	Material.	Total.
March		\$416.67	
April		416.66	
May		416.66	
June		416.66	
July		462.66	
August		462.66	
September		462.66	
October		462.67	
November		462.67	
December		462.67	
			\$4,442.64

BAD DEBTS.

Fire Losses.

1906,	Labor.	Material.	Total.
Dec. 31 (Entry made for instructions of President and Comptroller, being actual replacement caused by losses by fire April 18, 1906).....		\$70,372.77	\$70,372.77

SUNDRY SALES.

Fire Losses.

1906.			
Dec. 31 (Loss of accounts by destruction of sales ledgers, fire April 18, 1906, per instructions of President and Comptroller).....			\$7,462.52

FIRE AND EARTHQUAKE.

Fire Loss.

1906.			
Dec. 31 (The cost of removing debris from gas building).....			\$37,759.58

STOREROOM—MATERIALS AND SUPPLIES.

Fire Loss.

1906.			
Dec. 31 (Proportion of loss by destruction of material and supplies by fire April 18, 1906, being difference between inventory and general ledger at end of year, this amount being the estimated figure for fire loss, per instructions of President and Comptroller).....			\$67,790.82

STATEMENT OF ADMINISTRATION EXPENSE.

1907.	Labor.	Material.	Total.
Bond interest		\$291,582.00	\$291,582.00
Sinking Fund		90,350.00	90,350.00
Taxes		54,334.74	54,334.74
Salaries of executive officers	\$ 7,912.08		7,912.08
Main office salaries	48,052.03		48,052.03
Branch office salaries	20,114.85		20,114.85
Main office expense		12,845.62	12,845.62
Branch office expense		5,931.24	5,931.24
General expense (sundry)		14,057.29	14,057.29
Interest		36,848.60	36,848.60
Automobile expense, salaries	2,170.99		2,170.99
Automobile expense		792.32	792.32
Bad debts		23,443.20	23,443.20
Rents payable		7,295.55	7,295.55
Legal expenses	1,125.34		1,125.34
Shorts in collections		1,194.92	1,194.92
Directors' fees	825.40		825.40
Advertising gas		8,185.32	8,185.32
Insurance		4,850.64	4,850.64
Add Warehouse salaries	\$23,975.65		\$ 23,975.65
Warehouse expense		\$3,996.06	3,996.06
Damages to persons and property..		3,085.82	3,085.82
Casualty insurance		814.00	814.00
Gas on hand (in holders).....		113.92	113.92
			<u>\$663,897.58</u>

BOND INTEREST (GAS).

By Months.

1907.	Labor.	Material.	Total.
January		\$24,298.50	
February		24,298.50	
March		24,298.50	
April		24,298.50	
May		24,298.50	
June		24,298.50	
July		24,298.50	
August		24,298.50	
September		24,298.50	
October		24,298.50	
November		24,298.50	
December		24,298.50	
			<u>\$291,582.00</u>

GAS AND ELECTRICITY RATES

1097

SINKING FUND (GAS).

By Months.			
1907.	Labor.	Material.	Total.
January	\$7,529.16	
February	7,529.16	
March	7,529.16	
April	7,529.16	
May	7,529.17	
June	7,529.17	
July	7,529.17	
August	7,529.17	
September	7,529.17	
October	7,529.17	
November	7,529.17	
December	7,529.17	
			\$90,350.00

TAXES (GAS).

By Months.			
1907.	Labor.	Material.	Total.
January	\$4,527.89	
February	4,527.89	
March	4,527.89	
April	4,527.89	
May	4,527.89	
June	4,527.89	
July	4,527.90	
August	4,527.90	
September	4,527.90	
October	4,527.90	
November	4,527.90	
December	4,527.90	
			\$54,334.74

SALARIES OF EXECUTIVE OFFICERS (GAS).

By Months.			
1907.	Labor.	Material.	Total.
January	\$659.34	.....
February	659.34	.....
March	659.34	.....
April	659.34	.....
May	659.34	.....
June	659.34	.....
July	659.34	.....
August	659.34	.....
September	659.34	.....
October	659.34	.....
November	659.34	.....
December	659.34	.....
			\$7,912.03

GAS AND ELECTRICITY RATES

OFFICE SALARIES (GAS).

By Months.

1907.	Labor.	Material.	Total.
January	\$4,004.33	.....
February	4,004.33	.....
March	4,004.33	.....
April	4,004.33	.....
May	4,004.33	.....
June	4,004.34	.....
July	4,004.34	.....
August	4,004.34	.....
September	4,004.34	.....
October	4,004.34	.....
November	4,004.34	.....
December	4,004.34	.....
			\$48,052.03

BRANCH OFFICE SALARIES (GAS).

By Months.

1907.	Labor.	Material.	Total.
January	\$1,676.24	.....
February	1,676.24	.....
March	1,676.24	.....
April	1,676.24	.....
May	1,676.24	.....
June	1,676.24	.....
July	1,676.24	.....
August	1,676.24	.....
September	1,676.24	.....
October	1,676.23	.....
November	1,676.23	.....
December	1,676.23	.....
			\$20,114.85

MAIN OFFICE EXPENSE (GAS).

By Months.

1907.	Labor.	Material.	Total.
January	\$1,070.47	
February	1,070.47	
March	1,070.47	
April	1,070.47	
May	1,070.47	
June	1,070.47	
July	1,070.47	
August	1,070.47	
September	1,070.47	
October	1,070.47	
November	1,070.46	
December	1,070.46	
			\$12,845.62

GAS AND ELECTRICITY RATES

1099

BRANCH OFFICE EXPENSE (GAS).

By Months.

1907.	Labor.	Material.	Total.
January	\$494.27	
February	494.27	
March	494.27	
April	494.27	
May	494.27	
June	494.27	
July	494.27	
August	494.27	
September	494.27	
October	494.27	
November	494.27	
December	494.27	
			\$5,931.24

SUNDRY GENERAL EXPENSE (GAS).

By Months.

1907.	Labor.	Material.	Total.
January	\$ 1,171.44	
February	1,171.44	
March	1,171.44	
April	1,171.44	
May	1,171.44	
June	1,171.44	
July	1,171.44	
August	1,171.44	
September	1,171.45	
			\$14,057.29

INTEREST (GAS).

By Months.

1907.	Labor.	Material.	Total.
January	\$3,070.71	
February	3,070.71	
March	3,070.71	
April	3,070.71	
May	3,070.72	
June	3,070.72	
July	3,070.72	
August	3,070.72	
September	3,070.72	
October	3,070.72	
November	3,070.72	
December	3,070.72	
			\$36,848.60

GAS AND ELECTRICITY RATES

AUTOMOBILE EXPENSE, SALARIES (GAS).

By Months.

1907.	Labor.	Material.	Total.
January	\$180.91	.....
February	180.91	.....
March	180.91	.....
April	180.91	.....
May	180.91	.....
June	180.92	.....
July	180.92	.....
August	180.92	.....
September	180.92	.....
October	180.92	.....
November	180.92	.....
December	180.92	.....
			\$2,170.99

AUTOMOBILE EXPENSE (GAS).

By Months.

1907.	Labor.	Material.	Total.
February	\$72.03	
March	72.03	
April	72.03	
May	72.03	
June	72.03	
July	72.03	
August	72.03	
September	72.03	
October	72.03	
November	72.03	
December	72.02	
			\$792.32

BAD DEBTS (GAS).

By Months.

1907.	Labor.	Material.	Total.
January	\$1,953.60	
February	1,953.60	
March	1,953.60	
April	1,953.60	
May	1,953.60	
June	1,953.60	
July	1,953.60	
August	1,953.60	
September	1,953.60	
October	1,953.60	
November	1,953.60	
December	1,953.60	
			\$23,443.20

GAS AND ELECTRICITY RATES

1101

RENTS PAYABLE (GAS).

By Months.

1907.	Labor.	Material.	Total.
January		\$608.00	
February		607.95	
March		607.96	
April		607.96	
May		607.96	
June		607.96	
July		607.96	
August		607.96	
September		607.96	
October		607.96	
November		607.96	
December		607.96	
			\$7,295.55

LEGAL EXPENSES (GAS).

By Months.

1907.	Labor.	Material.	Total.
January	\$225.07		
May	225.07		
June	225.07		
October	225.07		
December	225.06		
			\$1,125.34

SHORTS IN COLLECTIONS (GAS).

By Months.

1907	Cash	Total
January	\$99.57	
February	99.57	
March	99.57	
April	99.57	
May	99.58	
June	99.58	
July	99.58	
August	99.58	
September	99.58	
October	99.58	
November	99.58	
December	99.58	
		\$1,194.92

DIRECTORS' FEES (GAS).

By Months.

1907.	Labor.	Material.	Total.
January	\$68.79		
February	68.79		
March	68.79		
April	68.79		
May	68.78		
June	68.78		
July	68.78		
August	68.78		
September	68.78		
October	68.78		
November	68.78		
December	68.78		
			\$825.40

GAS AND ELECTRICITY RATES

ADVERTISING (GAS).

By Months.

1907.	Labor.	Material.	Total.
January		\$ 634.48	
February		594.05	
March		2,322.64	
April		582.98	
May		583.84	
June		301.71	
July		408.00	
August		548.77	
September		925.26	
October		357.20	
November		288.50	
December		687.89	
			\$8,185.32

INSURANCE (FIRE) GAS.

By Months.

1907.	Labor.	Material.	Total.
January		\$404.22	
February		404.22	
March		404.22	
April		404.22	
May		404.22	
June		404.22	
July		404.22	
August		404.22	
September		404.22	
October		404.22	
November		404.22	
December		404.22	
			\$4,850.64

WAREHOUSE SALARIES (GAS).

By Months.

1907.	Labor.	Material.	Total.
January	\$1,997.97		
February	1,997.97		
March	1,997.97		
April	1,997.97		
May	1,997.97		
June	1,997.97		
July	1,997.97		
August	1,997.97		
September	1,997.97		
October	1,997.97		
November	1,997.97		
December	1,997.98		
			\$23,975.65

WAREHOUSE EXPENSE (GAS).

By Months.

1907.	Labor.	Material.	Total.
January		\$333.00	
February		333.00	
March		333.00	
April		333.00	
May		333.00	
June		333.00	
July		333.01	
August		333.01	
September		333.01	
October		333.01	
November		333.01	
December		333.01	
			\$3,996.06

DAMAGE TO PERSONS AND PROPERTY (GAS).

By Months.

1907.	Labor.	Material.	Total.
January		\$ 782.95	\$ 782.95
February		129.70	129.70
March		270.15	270.15
April		541.07	541.07
May	\$ 76.50	145.25	221.75
June	75.00	117.70	192.70
July	72.00	57.50	129.50
August	75.00	153.45	228.45
September	75.00	202.30	277.30
October	69.00	2.25	71.25
November	81.00	51.50	132.50
December	69.00	39.50	108.50
	\$592.50	\$2,493.32	\$3,085.82

CASUALTY INSURANCE (GAS).

By Months.

1907.	Labor.	Material.	Total.
January		\$407.00	
February		407.00	
			\$814.00

CONTRACTS FOR OIL, 1908-1909.

Associated Oil Company,
With Pacific Gas and Electric Company.

February 6th, 1908.

To furnish a minimum of 245,022 bbls. gas oil from June 12, 1908, to July 13, 1910; oil to be of Sp. gravity 14 Baume at 60° Fahrenheit and not to contain more than 1% sulphur.

GAS AND ELECTRICITY RATES

Associated Oil Company,
With Pacific Gas and Electric Company.

February 6th, 1908.

Minimum quantity to be delivered, 4,179,005.89 bbls. of 42 gals. each.

Gas oil to be 14°-25° Sp. Gr. at 60° Fahrenheit and not to contain more than 1% sulphur.

Fuel oil, 14° Sp. Gr. at 60° Fahrenheit.

Price to be \$1.00 per bbl. of 42 gals. for all gas and fuel oil delivered hereunder except at Martin Station and at Vallejo, and at these places price to be \$1.05 per bbl.

GAS BOUGHT.

By Months.

1907.	Cubic Feet.	Price.	Total.
January	388,930,000	\$116,679.00	
February	321,009,000	96,302.70	
March	346,933,000	104,079.90	
April	289,533,000	86,859.90	
May	254,982,000	76,949.60	
June	222,912,000	66,873.60	
July	224,206,000	67,261.80	
August	241,869,000	72,560.70	
September	11,620,000	3,486.00	
October	13,139,000	3,941.70	
November	21,271,000	6,381.30	
December	66,925,000	20,077.50	
	2,403,329,000		\$720,998.70
			Cubic Feet.
Gas sold 1907			2,528,767,400
Add 27.5% leak.....			959,187,634
			3,487,955,034
Gas bought 1907			2,403,329,000
Gas manufactured 1907			1,084,626,034

LAMPBLACK USED.

1907.	By Months.		
October	3,200 tons.	\$1.75	\$ 5,600.00
November	732 tons.	1.75	1,281.80
December	6,265 tons.	1.75	10,964.43
	10,197 tons.		\$17,846.23

GAS OIL USED.

1907.	By Months.		
September	48,265 bbls.	\$0.76	\$37,035.01
October	54,314 bbls.	0.74	40,581.35
November	56,580 bbls.	0.74	41,915.82
December	56,807 bbls.	0.71	40,329.62
	215,967 bbls.		\$159,861.80

GAS OIL USED.

By Months.

1906.			
January	40,072.42 bbls.	\$0.66	\$26,447.89
February	30,226.06 bbls.	0.66	19,949.20
March	27,192.68 bbls.	0.66	17,947.17
April	2,480.40 bbls.	0.65	1,628.80
	7,094.46 bbls.	0.67	4,769.73
	107,066.32 bbls.		\$70,742.79

ORGANIZATION.

San Francisco Gas and Electric Company organized.

Capital	\$20,000,000.00	
In 200,000 shares at \$100.		
Issued up to December 31, 1907, 158,484½ shares	15,848,433.34	
Discount	54,149.00	
		\$15,794,284.34

BONDS.

8,000 to be delivered forthwith.....	\$8,000,000.00	
187 to be delivered for funds current.....	187,000.00	
1,813 to be delivered for purchase:		
Pacific Gas Imp., 1,190 bonds		
at 4 per cent.....	\$1,190,000	
Electric Light and Power, 623		
bonds at 6 per cent.....	623,000	
	1,813,000.00	
		\$10,000,000.00

BONDS ISSUED DECEMBER 31, 1907.

San Francisco Gas and Electric.....	7,043
Pacific Gas Improvement Co.....	1,149
Edison Light and Power Co.....	623
In treasury	985
Redeemed	200
Total	10,000

SAN FRANCISCO GAS AND ELECTRIC COMPANY BALANCE SHEET
DECEMBER 31, 1907.

ASSETS.

Real estate, buildings, plant—gas and electric.....	\$15,170,906.49
Mains, services, meters and street lamps (gas), conduits, arc lamps, meters, pole lines, trans- formers, etc. (electric).....	12,202,618.40
Material and supplies.....	430,854.01
Other current assets.....	426,713.08
Amounts due from consumers—gas and electric.....	418,935.57
	\$28,650,027.55

LIABILITIES.

Capital stock issued, 158,484 $\frac{1}{2}$ shares fully paid at \$100.00.....	\$15,848,433.33	
Less stock discount on 2973 $\frac{1}{2}$ shares.....	54,148.97	
	<hr/>	\$15,794,284.36
Bonds issued, S. F. G. & E. Co.....	\$8,028,000.00	
Less bonds not sold.....	984,288.33	
	<hr/>	\$7,043,711.67
Bonds issued, Pacific Gas Improvement Co.....	1,149,000.00	
Bonds issued, Edison	623,000.00	
	<hr/>	8,815,711.67
Bond interest accrued		64,435.00
Sinking Fund accrued		24,166.68
Uncollected dividends		3,813.74
Unpaid payrolls, December, 1907.....		85,748.37
Notes payable		1,056,840.67
Other outstanding accounts.....		1,585,596.98
Surplus prior to December 31, 1906.....		1,061,722.81
Surplus, year 1907		157,707.27
		<hr/>
		\$28,650,027.55

ASSETS AND LIABILITIES.

Estimated Apportionment to Gas.

ASSETS.

Plant	\$17,894,173.27	
Cash	(one-half \$178,527.85)	89,263.92
Accrued sales		158,047.37
Stove account		14,725.76
Anthracite coal		5,246.60
Gas oil		18,094.06
Purifying materials		1,169.70
Stores on hand		17,920.93
Miscellaneous stores.....	(one-half \$4,672.16)	2,336.08
Sundries	(one-half \$1,232,473.56)	616,236.78
		<hr/>
		\$18,817,214.47

LIABILITIES.

Capital	60%	\$15,794,284.36	\$9,349,329.18
Bonds	70%	9,800,000.00	6,860,000.00
Floating debts—Notes.....		1,056,840.67	
Sundry credits		851,332.34	
		<hr/>	
	60%	\$1,908,173.01	1,154,903.80
Sundries		\$2,070,330.60	
		<hr/>	
Less above		1,908,173.01	
One-half hereof		\$162,157.59	81,078.79
California Gas Co.....			450,576.12
Accrued purchases	50%	\$ 186,967.06	93,483.53
Accrued taxes	50%	56,744.76	28,372.38
Accrued bond interest.....	50%	64,435.00	32,217.50
Accrued note interest.....	50%	16,218.71	8,109.35
Accrued Sinking Fund.....	50%	24,166.68	12,083.34
Surplus	50%	1,219,430.08	609,715.04
All others	50%	274,690.94	137,345.47
			<hr/>
			\$18,817,214.50

Reply of San Francisco Gas and Electric Company to Reports of Messrs. A. M. Hunt and C. D. Stuart Presented to Board of Supervisors on Valuation of Gas Plant and Cost of Manufacture, Distribution and Administration in the Matter of Fixing Gas Rate for Fiscal Year 1908-1909.

May 29, 1908.

To the Joint Committee on Finance and Artificial Lights,
of Board of Supervisors, City and County of San Francisco.

Gentlemen:—In conformity with your request for submission in writing of a statement embodying the views of this company on reports submitted to your Committee by Experts Messrs Hunt and Stuart, on the physical and financial status of Gas Department, as a basis for fixing the rate to be charged for gas during the fiscal year 1908-1909, the following is submitted for your consideration:

FIGURES OF COMPANY CONFIRMED.

It is interesting to note that the figures and statements submitted to the Board of Supervisors by this company in its initial argument filed with said Board and in subsequent printed arguments submitted, compare exactly with the reports of the experts who in every way confirm the same, disputing only upon the basis of calculation in fixing the cost of gas manufactured and distributed, which basis will be discussed later in this argument.

REPORT OF MR. A. M. HUNT.

APPRAISAL OF PROPERTY.

In his estimate of the value of the gas plant now in actual use by the company, the absence of detailed statement makes a full criticism impossible.

COMPANY'S VALUATION.

In our opinion, the valuation of the property, on a most conservative basis, should be in excess of \$12,500,000, for example:

VALUE OF PIPE BY CITY ENGINEER.

In the matter of street main valuation, the appraisal of Mr. Hunt is \$5,027,760.00, on a basis of approximately \$12,000.00 per mile, while in a published report by Marsden Manson, C. E., City Engineer, issued under authority of Ordinance No. 353 (New Series) of the Board of Supervisors of this City and County, the cost of 483,558 lineal feet of pipe and fittings for water distribution is given at a mileage cost of \$31,674.50. This would indicate that the value of \$12,000.00 per mile for the present installed system of gas mains owned by this company in San Francisco is too low.

MANUFACTURED COST.

Passing thus briefly the matter of appraisal of property, and assuming, for the sake of argument, that Mr. Hunt was not controlled by a decision of the Supreme Court of the State of California, later discussed, we come to the cost,

on his basis, of the production and delivery of gas. Said cost he bases upon the gas manufactured during the last four months of the year and fixes the same at 24.051 cents. Subsequently he makes an allowance of 4.887 cents as the added cost of oil at \$1.00 per barrel in place of 74.02 cents, price paid during 1907. We contend that the last four months of the year form no criterion for the entire year, as these months are of necessity ones of greatest economy due to largest output.

COST OF OIL IN 1908-1909 CONFIRMED.

At this point we desire to quote from Mr. Hunt's report:

"From personal knowledge of the market, I can state that satisfactory oil for use in gas making cannot at the present time be procured for less (one dollar per barrel)."

The basis of Mr. Hunt's estimate of cost for manufacture is the gas manufactured and not the gas distributed. This point will be later considered.

DISTRIBUTION COST—ERROR IN COMPUTING.

In distribution, the first item of objection in his report is the cost of \$48,934.36, for street lamp operation, under Welsbach contract. It cannot be conceived how in any way this could be a matter of objection, as it enters directly into the cost of distributing the gas, as much as the collection of the bills from customers or the attention to complaints. His basis of reasoning falls to the ground by reason of his error in computation of amount received from City by lighting. He states that the income from the lamps in operation would be \$116,662.42. It is of record in the office of the City Clerk that the revenue from street lighting was \$98,220.45, the net revenue, therefore, after deducting Welsbach costs, being \$49,286.09. The number of lamps actually lighted on the basis of a consumption per lamp of four feet per hour, gives a total of only 64,900,800 cubic feet or 75.946 cents per thousand. It is, therefore obvious that this charge of 1.935 cents per thousand for street lamp operation should remain.

REPLACEMENT.

As to the replacement charges for mains, services and meters, this will later be considered in connection with Mr. Stuart's report, but in this connection it would seem immaterial (in referring to Mr. Hunt's report) what the number of meters and services replaced were, as the conditions of demand necessitated this large expenditure. Whether or not it will reoccur during the coming year is only a matter of conjecture, and the company must be compensated by a rate in one year to take care of actual losses in the preceding year.

ADMINISTRATION COSTS NO CONTENTION.

This matter can be dismissed briefly, as there is no material contention between company and experts. At no time, in the presentation of its case by company was any claim made for interest on bonds or for amount of sinking fund. It was contended, however, that interest on floating debt should be allowed as a factor of cost, when such interest was necessitated by the borrowing of money to meet actual expense in construction or otherwise, and on this question, I beg to quote from the case of San Diego Land and Water Co. vs. City of National City, et al., 174 U. S. Reports, page 757:

"The contention of the appellant is, that in ascertaining what are just rates, the Court should take into consideration the cost per annum of operating the plant, including interest on moneys borrowed and reasonably necessary to use in constructing same."

The Court sustaining the contention of the appellant, says:

"Undoubtedly all these matters ought to be taken into consideration and such weight be given them when rates are being fixed as under all circumstances would be just to the company and to the public."

The opinion of the Court in the case of San Diego Land and Town Co. vs. National City, et al., 174 U. S., 757, was quoted approvingly by the Supreme Court of the United States in the case of Cotting vs. Kansas City Stockyards Co., et al., 183 U. S., 79, 89-90. In the case of the Spring Valley Water Works vs. City and County of San Francisco, 124 Fed., 574, Judge Morrow, in discussing the question whether the Board of Supervisors in fixing the rates for water should take into consideration the annual depreciation of the perishable part of the company's plant resulting from its use and from natural causes, says:

"It seems just and proper that such an allowance should be made. It is sanctioned by authority, but I do not think it necessary to take that element into consideration at this time."

This opinion was rendered upon an application for preliminary injunction, which was granted. The significance of the last clause in the above quotation is, that upon the facts shown by affidavits, the plaintiff was entitled to the preliminary injunction without taking into consideration the annual depreciation of the perishable part of the company's plant.

It seems only reasonable that where a business, by reason of imposed rates by a municipality, is non-productive, that money borrowed to sustain said business should be a proper charge against operating; this, according to Mr. Hunt's report, being 1.457 cents, should be allowed.

LEAKAGE.

Mr. Hunt deals at length with the question of leakage, but leaves undetermined the amount which should be allowed.

Our contention is that all the calculations should be based, not upon what gas may be manufactured for, but what gas the company is able to deliver to consumers; this point is argued later.

The records of the Engineering Department of the San Francisco Gas and Electric Company, which were not destroyed in the fire of April, 1906, disclose the fact that the average leakage for a term of years was approximately 12 per cent. This amount of leakage has been accepted both here and elsewhere as indicating first-class construction of distributing systems. Leakage does not necessarily mean only the escape of gas from the mains, but is the result as well of condensation, due to differences in temperature and also defective registration of meters in use; but for purposes of argument we will assume a leakage of 12 per cent, and by the equation which Mr. Hunt gives, the cost of gas would be increased to 32.884 cents per thousand, an increase over his figures of 3.946 cents.

REASONABLE ALLOWANCE FOR PRESENT CONDITIONS.

It is contended that the Board of Supervisors should take into consideration, as Mr. Hunt suggests, an allowance for present conditions, due to losses suffered and over which the distributing company had absolutely no control. I quote from his report:

"The Gas Company must render service and such service can only be given through the mains which it has."

I quote further on the matter of leakage:

"Another system of mains, now a part of the system of the San Francisco Gas and Electric Company, comprising sixty miles of pipe, having no leakage the first eight months under pressure."

Such a condition from a gas engineering standpoint is absolutely untenable. Sixty miles of pipe absolutely tight would lose from 3½ to 4 per cent of the volume of gas by condensation, providing no usage was had from it whatever.

RATES ESTABLISHED BY EXPERT FIGURES.

On the basis of Mr. Hunt's report, he makes the rate exclusive of interest on appraised value, and eliminating leakage, Welsbach charge, replacement and interest on floating debt 47.254 cents, to which we claim should be added the cost on the basis of gas sold with an allowance of 12 per cent leakage, Welsbach charge, interest on floating debt, 7 per cent on his value of plant, and on the basis of Mr. Stuart's report, 2½ per cent on said valuation for maintenance and 2½ per cent for depreciation, and the further sum of 1.4 cents for the cost of taking care of increase of consumers due to increased sales on the basis of an increase in such sales of 10 per cent and .771 cents on the basis of increased taxation of company's property by Assessor for coming fiscal year, making a total cost of 99.923 cents per thousand, allowing for his estimate of manufactured cost based on the four largest delivery months of the year.

COMPARATIVE COSTS AND ALLOWANCES TO BE MADE.

	Hunt.	Stuart.	
	Cents.	Cents.	
Manufacture cost.....	28.938		Allows only on gas made and extra cost oil.
Manufacture cost.....		39.312	Allows for gas sold, and extra cost oil on same basis.
Distribution.....	8.623		Does not allow for Welsbach cost. Does not allow for replacement.
Distribution.....		10.438	Allows for Welsbach. Allows for replacement later.
Administration.....	9.693		
Administration.....		10.885	Stuart allows for interest on floating debt.
Totals.....	47.254	60.635	Neither figure allows for depreciation, increased expense of new business, extra taxes, or interest on investment, nor dividends.
Add the following:			
On basis 12% leakage..	3.946	Allowed	
Welsbach expense.....	1.935	Allowed	
Interest on floating debt	1.457	Allowed	
2½% on maintenance..	7.516	7.516	On basis all property except real estate and allowing 10% increase in sales.
2½% on depreciation...	7.516	7.516	
Extra allowance increased sales.....	1.400	1.400	
Extra allowance increased taxes.....	0.771	0.771	Hunt and Stuart both agree.
7% interest on investment.....	22.085	22.085	Computed on basis of 3.155 cents per thousand for each one per cent allowed.
	93.880	99.923	
Legal rate.....	85.000	85.000	
Loss per thousand.....	8.880	14,923	Or on estimated increase in sales.
Loss for year.....	\$247.006	\$405.696	

ACCESS TO COMPANY'S PLANT AND BOOKS FREELY ACCORDED.

In dismissing the details of Mr. Hunt's report we desire to quote his concluding sentence:

"In conclusion I desire to acknowledge the courtesies extended by the officials of the Gas Company with whom I have come in contact. They have afforded me every facility and information asked for, freely and frankly."

This disposes of the criticisms heretofore made regarding the attitude of the company in the matter of submitting its books and plant to the experts for free examination.

REPORT OF MR. C. D. STUART.

In the details of the cost as determined by the examination of the books of the company, Mr. Stuart has not followed the figures given by Mr. Hunt, as will appear from the foregoing table, in that he has allowed the leakage item as contended, the Welsbach cost of lighting and maintenance of street lamps, interest upon floating debt in administration account, and he recommended an allowance for maintenance and depreciation.

On page 3 of his report, Mr. Stuart frankly states:

"Referring to the calculations of Mr. Hunt as to the cost of gas manufactured during the last four months of 1907, this cost is below the average, because the period covers a time of maximum consumption."

REPLACEMENT.

We beg particularly to call your attention to the matter of an allowance for replacement and refer to article from which Mr. Stuart has quoted the instructions issued by the State of New York Public Service Commission in a circular to the several gas companies governing costs of operation:

"Whether through wear and tear or through casualty it becomes necessary to replace some part of any structure, facility or unit or equipment, and the extent of such replacement does not amount to a substantial change of identity in the structure, facility, or unit of equipment, the replacement of such part is to be considered a repair, and the cost of such repair is to be treated as an operating expense, and must not be charged as a replacement to any capital account."

As also the quotation on page 4 of his report from the same authority:

"By an extraordinary casualty is meant one of such violence and irregularity that provision cannot be made against it through the exercise of ordinary reasonable prudence; e. g., the Galveston tidal wave and the San Francisco earthquake. All other casualties of classes occurring with such degree of frequency and uniformity that the principles of insurance are applicable thereto, must be provided for through suitable charges to the insurance account."

I have heretofore dwelt in this discussion on Mr. Hunt's report of the matter of the increased cost of gas distributed by reason of the increased cost of oil and increased taxes, which items are supported by Mr. Stuart.

REASONS FOR DEFICIT IN COMPANY'S FINANCES.

On page 8 of his report, Mr. Stuart makes the following statement, referring to a deficit in earnings of the company of \$1,800,000.

"How long this deficit has been accumulating or where the amount was expended, it is difficult to say, in the absence of the burned ledgers, but it appears like a sum that will require years of fair profit to pay off."

It can be said that this deficit is directly the result of the rate of gas at 85 cents per thousand established in 1906 and perpetuated in 1907.

We contend that Mr. Stuart's allowance of 5 per cent on value of plant as interest on investment is too low, as will later appear in this argument.

ARGUMENT ON DEPRECIATION.

As the contentions of both experts in the matter of an allowance for depreciation and proper interest charge upon invested capital seems to be the only vital questions at issue, we desire to submit certain authorities and reasons for such allowance.

REPLACEMENT A CHARGE AGAINST PROFITS.

In several of the States of the United States of America, where Public Service Commissions have been established by the Legislatures of said States, notably New York, Massachusetts and Wisconsin, said Commissioners have, in allowing rates to be charged by gas companies, made the matter of replacement, depreciation and maintenance a charge against the operating expense, and as a basis for determination of profit in England, the several municipal bodies have gone even further and allowed a charge against operation annually which would provide a sinking fund to take care of extraordinary charges. Quotations have already been given you from the instructions of the Public Service Commission of the State of New York.

In the State of Massachusetts the Board of Gas and Electric Light Commissioners allow annually to the several companies a charge for depreciation approximately three per cent, and allow all maintenance and ordinary repair charges in addition thereto, as does the Public Service Commission of New York.

The Public Service Commissioners of the State of Wisconsin, in the matter of the application of the La Crosse Gas and Electric Company for authority to increase rates, lays down the following as its ruling in the matter of depreciation charges, from which we quote:

"The question of depreciation is an exceedingly important one, there is continually in progress in the plants or industries of this character (gas and electric), except, perhaps, in the land on which they are located, a waste or depreciation, which is due to its use and to the ravages of time. A part of this wear and decay is offset by the ordinary repairs. Some kinds of property becomes useless in a few years, other kinds again, last longer. It all must be replaced sooner or later. This replacement is properly an operating expense. It should in some form be charged against the earnings. The manner in which this is done is not of special importance. Depreciation is an expense which must be met."

They further state:

"In fixed charges, are annually included, rent of plant, taxes, depreciation and interest upon the investment."

COURT DECISIONS.

In the case of the Long Branch Commission vs. Tinnern Manor Water Company, 62 Atl., 474, the Court decides:

"In a suit to determine reasonable rates at which a water company should be compelled to furnish water to a city for public and private consumption, such rates should be established as would enable the water company to derive a fair income, based upon a fair value of its property at the time it is being used by the public, taking into account the cost of maintenance, depreciation, current operating expense, etc."

In the case of the Kennebec Water District vs. City of Waterville, et al., 54 Atl., 6, the Court says:

"Summarized, these elemental principles are the right of the company to derive a fair income based upon a fair value of the property at the time it is being used by the public, taking into account the cost of maintenance, depreciation and current operating expense, etc."

Again, in the case of Andrew Brymer, et al., vs. Butler Water Company, 36 L. R. A., 260, the Court decides:

“A system of water rates that yields no more income than is fairly required to maintain the plant, pay fixed charges and operating expenses, provide a suitable sinking fund for the payment of debts and pay a fair profit to the owners of the property, is not unreasonable.”

ALLOWANCES FOR MAINTENANCE AND DEPRECIATION.

With reference to the above, it may be said, that to maintain a plant, it is necessary to provide for two items: (1) Ordinary repairs, (2) Replacement of worn out or obsolete apparatus and machinery.

The necessity of making an annual allowance or sinking fund to cover depreciation, arises from the fact that the second item of maintenance above mentioned, i. e., replacement of worn out or obsolete apparatus and machinery, must be provided for periodically rather than annually, although the actual diminution in value, resulting from use, is constantly progressing.

Therefore, when the Courts say that rates should make an adequate provision for the maintenance of the plant, this means that a proper allowance must be made for periodical replacement of apparatus that depreciates gradually.

What is meant by depreciation as an item to be considered in fixing gas rates can best be explained by a concrete example. A plant for the manufacture and distribution of gas includes buildings, machinery and mains. Some parts of such machinery and buildings wear out rapidly and are frequently broken. These parts are from time to time repaired or replaced and the expense of repairing and replacing them is charged to maintenance and repairs. But the mains laid in the streets gradually rust out. Even the most durable parts of the machinery and the buildings in which such machinery is housed gradually deteriorate and eventually have to be replaced by new mains, machinery and buildings. This gradual deterioration of mains, machinery and buildings can not possibly be repaired from time to time or year to year. Such deterioration is called depreciation. As this deterioration is continuously progressing, though the ultimate repair or replacement occurs in more or less frequent periods,* it must be provided for from the earnings of the company in the same way as current repairs. The replacing of worn out and obsolete machinery and apparatus periodically is as essential to the maintenance of the plant as is the making of current repairs. Properly speaking, therefore, maintenance of a plant includes both current repairs and the charges made to cover depreciation. To hold that the company is not entitled to rates that will enable it to set aside annually a sufficient sum of money to pay for the periodical replacement of worn out and obsolete machinery and apparatus is just as reasonable as to say that when a man lends money for a term of years he is not entitled to the return of his principal in addition to the stipulated or legal interest. If a company invests ten million dollars in a plant for the manufacture and distribution of gas, and is allowed only rates sufficient to enable it to pay the cost of production, operating expenses, repairs, taxes and a reasonable interest or return upon its investment, and if the life of the plant is, for example, twenty years, then at the end of the first period of twenty years the company will have received for the benefit of its stockholders only the reasonable interest upon its original investment and the original investment itself will have been consumed in serving the public. The public, by enforcing such rates as the maximum, will have appropriated and taken to itself the entire original investment and the use thereof for the said period, although it will have paid for nothing except the use. The injustice of such action must be apparent to the most casual observer.

SAN DIEGO DECISION UNJUST AND IRRATIONAL.

In discussing the San Diego decision, under which Mr. Hunt formulated his report, we desire to call your attention to the absurd deductions which are forced by a strict interpretation of that portion of the decision referred to by Mr. Hunt.

If a company is not permitted to charge depreciation to operating expenses, but must charge the same to construction, and, if, under the same decision, the actual amount placed into construction cannot be considered, but only the amount of property actually in use, it would not be long, acting under such decision, before a company would be forced into the bankruptcy courts, as, under the ruling, additional amounts charged to construction other than actually placed in the property, could not be considered as a basis for fixing rates.

REASONABLE INTEREST.

In the matter of a reasonable amount of interest to be allowed to public service corporations, it must be apparent that an amount of 5, 6 or 7 per cent should not be considered as compensatory, owing to the risks incident to the business and the necessity for borrowing money by bonds or otherwise to meet the growth of the business in every well-developed city. To borrow money at 5 per cent and then only earn 5 per cent upon the money invested, would bring nothing for dividends to the stockholders who initiated the business, and whose money, in good faith, was put in to meet the differences between the necessities of construction by bond borrowing and the actual cost of the plant. No commercial enterprise would be satisfied with less than 20 to 30 per cent upon its capitalization, and such amounts are earned every day by well-established institutions who are not under governmental regulation.

There are many decisions of the Courts of this land, deciding that public service corporations, with the risk of its business being controlled by municipal bodies, and the attendant risk of dealing with a large number of consumers, together with the fact that its plants cannot be converted to other uses, entitled such corporations to a much larger rate of interest than the ordinary rate paid upon State or Government bonds.

LEAKAGE NO FACTOR IN COST.

In the matter of leakage, and repeating what has been before stated in this argument, the calculations of the revenue to be obtained by a gas company should be based, not upon the amount of gas manufactured, but the amount sold, and for which it receives revenue.

In the case of the New York Consolidated, on appeal from decision of the Commission, fixing rate at eighty cents, it was determined by the Court that the amount distributed was the factor in computation of cost.

Such has been the decision in all cases where a question of rate for either gas or electric service was concerned.

COSTS BASED ON SALES.

Commercial enterprises base their costs upon delivered costs and not manufactured. Their leakage, whether by theft, error, losses in manufacture and distribution, or otherwise, is added to the cost of the article distributed and the consumer pays for the same. The same ruling should prevail in the estimate of the cost to the gas company of its distributed commodity.

In the attempt to make this argument a brief one, avoidance of unnecessary details has been made, which will be fully brought out in an oral argument proposed to be made before the Board of Supervisors, with its permission, when the matter comes before it for hearing.

All of which is respectfully submitted,

SAN FRANCISCO GAS AND ELECTRIC COMPANY,
By JOHN A. BRITTON, President.

Reply of A. M. Hunt to Statements of San Francisco Gas and Electric Company.

Joint Committee of the Board of Supervisors,
On Artificial Lights and Finance.

Gentlemen:—I this afternoon received a copy of reply of the San Francisco Gas and Electric Company to reports made by Mr. Stuart and myself on the valuation of gas plant and cost of manufacture and delivery of gas.

I have gone over same as carefully as the time at my disposal would permit, and submit the following comments thereon:

On page 1 the company takes exception to the valuation of the property, and in support of its contention notes the fact that my valuation of the street mains is on a basis of approximately \$12,000 per mile, while a recent report by Mr. Manson, City Engineer, gives a cost of \$31,674.70 per mile for a water distribution system.

The company fails to call attention to the fact that this report is the one made on the question of a salt water fire-protection system for the City of San Francisco, and the estimate for same is noted as covering the following:

Distributing system, consisting of 483,558 lineal feet of cast iron pipe, with necessary specials, gate valves, gate boxes, hydrants, air valves, relief valves, blow-off valves and fire bolt connections, \$2,900,000. No pipe in this system is smaller than ten inches in diameter, and most of it of larger sizes, up to 20 inches in diameter. It is, furthermore, of very heavy construction and designed to carry a pressure of 300 pounds per square inch, whereas the pipe used by the Gas Company is of much lighter weight, in fact as light as is consistent with the matter of handling and resistance of corrosion. Furthermore, the Gas Company has large quantities of 2, 3 and 4 inch pipe; also, the valve system figured on in the salt-water system is many times more expensive than the valve system which the Gas Company has.

This citation is entirely misleading, and, so far as I can judge, intentionally so. I am prepared to stand by my valuation.

If the value of the San Francisco Gas and Electric Company's system is computed on the basis of cost per mile, as given in Mr. Grunsky's report, it would be over thirteen and a quarter million dollars; or, in other words, the cost of the system of mains alone would be greater than that which the company itself claims should be the value of its entire investment.

As I anticipated, the company takes exception to figuring the cost of gas on the basis of the last four months of the year. My original report contains my reasons for so doing.

On page 2, under the head of "Distribution Cost," the company calls attention to an error in computation. In making the computation with reference to the revenue derived from street lighting, I did make an error. This error arose from a misunderstanding of information obtained from the Chief Engineer of the Gas Company as to the number of street lamps in use. Some of these lamps have three burners and others only one burner, and it is a confusion on this point which led to the error. The actual facts are as follows:

The Chief Engineer of the company reports that on Dec. 31, 1907, there were in operation 3,945 street lamps having one burner each, and 215 street lamps having three burners each. On this basis, and taking the rates provided in the Ordinance, on the assumption that the number of lamps in use Dec. 31st, 1907, would represent the average between the periods of July 1st, 1907, and July 1st, 1908, the gross return of the company for these lamps would be \$106,057.54, instead of \$116,662.42, as given in my report. The number of

cubic feet of gas used by these burners during the year would be 73,715,400 cubic feet. The rate to the company in excess of the Welsbach contract would, therefore, be 78.848 cents instead of 91.877 cents, as stated.

I regret exceedingly that this error should have occurred, and trust the company's interests have not been prejudiced thereby.

Under the head of "Leakage," the company states that the leakage prior to the fire was 12 per cent and that they should be allowed this amount, and that this amount of leakage is accepted elsewhere as indicating first-class construction of distribution systems. In my opinion, the company is in error in this statement.

The company also takes exception to my statement as to there being no leakage from a system now incorporated with theirs during the first eight months under pressure. It is, of course, inevitable that if gas is sent into the mains at a temperature above that at which it will pass through the consumer's meter, there will be a reduction in volume, due to the cooling. This, however, in the case in question was probably very small, as the plant was operated much below its normal capacity and the gas had ample time to cool in the works system, thus obtaining normal temperature, with consequent shrinkage and condensation before it was sent into the street mains.

Nothing which the company presents offsets the data and facts given with reference to the companies operating in the State of Massachusetts, and especially in the City of Boston. The amounts which I quoted for these localities are what is known in gas parlance as "unaccounted for" gas, and not leakage, leakage being a misleading term.

I think the above covers all the points which it is incumbent upon me to take cognizance of. If there are any other on which you desire information, please advise me.

Yours very truly,

A. M. HUNT.

Report of Joint Committee of Finance and Artificial Lights.

On June 1, 1908, the Joint Committee on Finance and Artificial Lights, having had under consideration the matter of fixing rates for gas and electricity, submitted the foregoing reports of A. M. Hunt and C. D. Stuart and rendered its report as follows:

REPORT OF FINANCE AND ARTIFICIAL LIGHTS COMMITTEES ON BILL FIXING HEAT, LIGHT AND POWER RATES FOR FISCAL YEAR 1908-9.

Supervisor Jennings presented the following report:

To the Honorable the Board of Supervisors,
Of the City and County of San Francisco.

Gentlemen:—Your Finance and Artificial Light Committees, to whom were referred by Resolution No. 2,103 (New Series) of your Honorable Board, the matter of employing experts to examine into all phases of the business of manufacturing and distributing gas in the City and County of San Francisco, beg leave to present the following report:

As authorized by said Resolution your committee engaged on April 1, 1908, the services of A. M. Hunt, civil engineer, and Chas. D. Stuart, expert accountant, and instructed said gentlemen to examine into the matter referred to your committee and to present their reports and conclusions.

The report of Engineer Hunt was filed on May 15, 1908, and that of Expert Stuart on May 18, 1908, and were given due consideration by your committee, as was also the reply of the San Francisco Gas and Electric Company to the reports of the experts, filed May 29, 1908.

From the report of the expert gas engineer and of the expert accountant and from the investigations made by your committee, we estimated that the sum of 85 cents per 1,000 cubic feet of gas will yield to the San Francisco Gas and Electric Company for the year commencing July 1, 1908, a fair and reasonable return upon the value of its plant actually used in supplying gas to the City and County of San Francisco and to its inhabitants.

We find that the following items and amounts should be allowed in computing the cost of manufacturing and distributing gas for the year commencing July 1, 1908, and ending June 30, 1909:

Manufacturing cost of 1,000 cubic feet of gas	28.938 cents
Distribution	8.623 cents
Administration	9.693 cents
Leakage	3.946 cents
Welsbach expense	1.935 cents
Interest on floating debt	1.457 cents
Maintenance	7.516 cents
Extra expense through increased sales.....	0.700 cents
Increased taxes	0.711 cents
Seven per cent interest on investment, estimated at \$8,875,086.....	22.085 cents
	<hr/>
Total cost of gas at burner	85.664 cents

Inasmuch as a very liberal appraisal was made by Engineer A. M. Hunt of the distributing plant of the San Francisco Gas and Electric Company, and as the Hunt appraisal is even in excess of the valuation which the company

is willing to accept as a basis for the establishment of rates, your committee is of the opinion that the 85 cent rate is fair and equitable.

We append hereto and make a part of this report the reports of Engineer A. M. Hunt and of Expert Chas. D. Stuart, and also the reply thereto of the San Francisco Gas and Electric Company.

Your committee, therefore, recommends the amendment of Bill No. 454 by reducing the rate for gas therein recommended from 95 cents per 1,000 cubic feet to 85 cents per 1,000 cubic feet, and also recommends the re-enactment of the present electric light and power rates for the ensuing fiscal year, as expressed in Bill No. 455.

Respectfully submitted,

THOS. JENNINGS.
D. C. MURPHY.
JAS. A. JOHNSTON.

GAS RATES BILL.

Thereupon, Bill No. 454, Ordinance No. — (New Series), entitled, "Fixing the minimum standard quality and illuminating power of gas and the maximum rate and price to be charged therefor for the year commencing July 1, 1908, and ending June 30, 1909," was taken up.

John A. Britton, President of the San Francisco Gas and Electric Company, addressed the Board, stating that the experts' figures were based on the maximum months of sale, that the City should make good "depreciation" as well as "maintenance" and that 7 per cent on approximately \$9,000,000 was not an adequate return.

Supervisor Murdock moved the amendment of Bill No. 454 by fixing the maximum rate of gas at 90 cents per one thousand cubic feet in lieu of 95 cents.

Motion lost by the following vote:

Ayes—Supervisors Broderick, Center, Comte, Murdock, Pollok, Rixford—6.
Noes—Supervisors Bancroft, Booth, Connolly, D'Ancona, Giannini, Hocks, Jennings, Johnston, McAllister, McLeran, Murphy, Payot—12.

Supervisor Johnston moved that the recommendation of the Joint Committee to amend Bill 454 by fixing the gas rate at 85 cents per one thousand cubic feet be adopted.

Amendment carried by the following vote:

Ayes—Supervisors Bancroft, Booth, Connolly, D'Ancona, Giannini, Hocks, Jennings, Johnston, McAllister, McLeran, Murphy, Payot—12.

Noes—Supervisors Broderick, Center, Comte, Murdock, Pollok, Rixford—6.

Thereupon said Bill No. 454 was passed for printing by the following vote:

Ayes—Supervisors Bancroft, Booth, Connolly, D'Ancona, Giannini, Hocks, Jennings, Johnston, McAllister, McLeran, Murphy, Payot—12.

Noes—Supervisors Broderick, Center, Comte, Murdock, Pollok, Rixford—6.

ELECTRIC LIGHT RATES BILL.

The bill fixing rates for electricity heretofore referred to the Finance and Artificial Lights Committees and reported upon favorably by said committees was passed for printing by the following vote:

Ayes—Supervisors Bancroft, Booth, Broderick, Center, Comte, Connolly, D'Ancona, Giannini, Hocks, Jennings, Johnston, McAllister, McLeran, Murdock, Murphy, Payot, Pollok, Rixford—18.

ORDINANCES FINALLY PASSED.

On June 8, 1908, Bill No. 454, Ordinance No. 451 (New Series) was finally passed by the following vote:

Ayes—Supervisors Bancroft, Booth, Broderick Connolly, D'Ancona, Giannini, Hocks, Jennings, Johnston, McAllister, McLeran, Murdock, Murphy, Payot, Rixford—15.

Noes—Supervisors Center, Comte, Pollok—3.

Bill No. 455, Ordinance No. 452 (New Series), was finally passed by the following vote:

Ayes—Supervisors Bancroft, Booth, Broderick, Center, Comte, Connolly, D'Ancona, Giannini, Hocks, Jennings, Johnston, McAllister, McLeran, Murdock, Murphy, Payot, Pollok, Rixford—18.

The said Ordinances are as follows:

BILL NO. 454. ORDINANCE NO. 451.

(New Series.)

Fixing the minimum standard quality and illuminating power of gas and the maximum rate and price to be charged therefor, for the year commencing July 1, 1908, and ending June 30, 1909.

Be it ordained by the people of the City and County of San Francisco as follows:

Section 1. The minimum standard quality and illuminating power of gas to be furnished by any person, company or corporation to be used in the City and County of San Francisco, is hereby established at nineteen (19) candles, said candle power to be determined by the Board of Public Works of the City and County of San Francisco, and the maximum rate and price to be charged and collected therefor from consumers by any such person, company or corporation, for the year commencing July 1, 1908, and ending June 30, 1909, is hereby fixed and established at eighty-five (85) cents per one thousand cubic feet.

Section 2. The maximum rate and price to be charged by any person, company or corporation for furnishing gas for lighting public buildings for the year commencing July 1, 1908, and ending June 30, 1909, is hereby fixed at eighty-five (85) cents per one thousand cubic feet.

Section 3. The maximum rate and price to be charged by any person, company or corporation for furnishing incandescent gas lamps for lighting the public streets, parks or squares for the year commencing July 1, 1908, and ending June 30, 1909, is hereby fixed at eight and seven-tenths (8.7) cents per lamp per night, including care, lighting and extinguishing, each lamp to be kept burning from thirty (30) minutes after sunset until thirty (30) minutes before sunrise on the next day, and the number of such gas lamps may be increased or diminished by the Board of Supervisors, and subject to any moonlight schedule the Board may adopt, provided that the price of incandescent gas lamps of three lights each is hereby fixed at fifteen (15) cents a cluster lamp per night.

Section 4. The maximum rate and price to be charged by any person, company or corporation for furnishing gas for heating purposes for the year commencing July 1, 1908, and ending June 30, 1909, is hereby fixed at eighty-five (85) cents per one thousand cubic feet.

Section 5. All Ordinances and parts of Ordinances in conflict with the provisions of this Ordinance are hereby repealed.

Section 6. This Ordinance shall take effect and be in force on the first day of July, 1908.

In Board of Supervisors, San Francisco, June 8, 1908.

After having been published five successive days, according to law, taken up and finally passed by the following vote:

Ayes—Supervisors Bancroft, Booth, Center, Connolly, D'Aucona, Giannini, Hocks, Jennings, Johnston, McAllister, McLeran, Murdock, Murphy, Payot, Rixford.

Noes—Supervisors Broderick, Comte, Pollok.

JOHN E. BEHAN, Clerk.

Approved, San Francisco, June 10, 1908.

EDWARD R. TAYLOR,

Mayor and ex-Officio President of the Board of Supervisors.

BILL NO. 445. ORDINANCE NO. 452.

(New Series.)

Fixing the maximum rate and price to be charged for incandescent and electric lights, and for electricity for heat and power purposes for the year commencing July 1, 1908, and ending June 30, 1909.

Be it ordained by the people of the City and County of San Francisco as follows:

Section 1. The maximum rate and price to be charged by any person, company or corporation for furnishing incandescent electric light to the City and County of San Francisco and the inhabitants thereof for the year commencing July 1, 1908, and ending June 30, 1909, is hereby fixed at nine (9) cents per one thousand (1,000) watt hours.

From this rate discounts shall be allowed for quantity consumed per sixteen candle power lamp as follows:

On a consumption per 16 candle power incandescent lamp of 2,000 to 3,000 watt hours in one month, 5 per cent.

On a consumption per 16 candle power incandescent lamp of 3,000 to 4,000 watt hours in one month, 10 per cent.

On a consumption per 16 candle power incandescent lamp at 4,000 to 5,000 watt hours in one month, 15 per cent.

On a consumption per 16 candle power incandescent lamp of 5,000 to 6,000 watt hours in one month, 20 per cent.

On a consumption per 16 candle power incandescent lamp of 6,000 to 7,000 watt hours in any one month, 25 per cent.

On a consumption per 16 candle power incandescent lamp of 7,000 to 8,000 watt hours in one month, 30 per cent.

On a consumption per 16 candle power incandescent lamp of 8,000 to 9,000 watt hours in one month, 35 per cent.

On a consumption per 16 candle power incandescent lamp of over 9,000 watt hours per month, 40 per cent.

In estimating the discounts, one arc lamp shall be equivalent to two sixteen incandescent lamps for each ampere of current used by said arc lamp.

A charge of \$1.00 for the maintenance of a meter during any month may be made to any consumer whose bill for current furnished during such month does not exceed \$1.00, but in the event of such charge being made no further charge shall be made for current furnished during said month to said consumer.

Section 2. The maximum rate and price to be charged by any person company or corporation for furnishing arc lights of 7 amperes and pressure at each lamp of not less than 70 volts or lamps of equal wattage, to the City and County of San Francisco and the inhabitants thereof for the year commencing July 1, 1908, and ending June 30, 1909, is hereby fixed as follows:

For each arc light burning twenty-four hours, \$5.00 per week.

For each arc light burning from sunrise to sunset, \$3.00 per week.

For each arc light burning from sunset to sunrise, \$2.25 per week.

For each arc light burning from sunset to midnight, \$1.75 per week.

For each arc light burning for six nights from sunset to 9:00 p. m., \$1.40 per week.

Section 3. The maximum rate and price to be charged by any person, company or corporation for furnishing electricity for heat and power purposes to the City and County of San Francisco and the inhabitants thereof for the year commencing July 1, 1908, and ending June 30, 1909, is hereby fixed at 9 cents per 1,000 watt hours, subject to the above discounts, each horse power of motor capacity connected being considered as equivalent to twelve and one-half sixteen candle power incandescent lamps.

Section 4. All Ordinances or parts of Ordinances in conflict with the provisions of this Ordinance are hereby repealed.

Section 5. This Ordinance shall take effect and be in force on the first day of July, 1908.

In Board of Supervisors, San Francisco, June 8, 1908.

After having been published five successive days, according to law, taken up and finally passed by the following vote:

Ayes—Supervisors Bancroft, Booth, Broderick, Center, Comte, Connolly, D'Ancona, Giannini, Hocks, Jennings, Johnston, McAllister, McLeran, Murdock, Murphy, Payot, Pollok, Rixford.

JOHN E. BEHAN, Clerk.

Approved, San Francisco, June 10, 1908.

EDWARD R. TAYLOR,

Mayor and ex-Officio President of the Board of Supervisors.

Lighting Streets and Public Buildings.

Following the fixing of rates to be charged for light, heat and power, the Board of Supervisors entered into a contract with the San Francisco Gas and Electric Company to light the streets and public buildings, and adopted the following resolution:

RESOLUTION NO. 2,456.

(New Series.)

Resolved, That the contract to light the streets and the outlying districts of, and all public buildings (except school buildings) of the City and County of San Francisco with gas and electricity, and for supplying power for all purposes for the term of one year commencing July 1st, 1908, and ending June 30th, 1909, in strict accordance with the specifications and advertisements inviting proposals thereon be and the same is hereby awarded to the San Francisco Gas and Electric Company, a corporation, at the hereinafter designated prices and modifications thereof, said company being the lowest responsible bidder, to-wit:

For each separate gas lamp per night .....	.087
For each separate arc light per night.....	.20712
For gas for public buildings, per 1,000 cubic feet.....	.60
For electric current for public buildings, and for power purposes, per kilo-watt hour .....	.04

Provided, that the sureties on the bond of the San Francisco Gas and Electric Company, which bond is hereby fixed at \$45,000.00, shall be satisfactory to His Honor, the Mayor, who is hereby authorized to enter into said contract, subject to the following conditions, to-wit:

That said San Francisco Gas and Electric Company shall, during said term of one year, from July 1, 1908, to June 30, 1909, light the public streets and outlying districts of the City and County with not less than 4,336 gas lamps and not less than 1,931 electric arc lamps during the said term.

Of the above 1,931 electric arc lamps 1,681 shall be lighted all night and the remaining 250 may be extinguished at midnight, as it is the practice at the present time, it being distinctly understood, however, that the City and County may during the period of said term order any and all said last mentioned lights to be lighted all night, subject, however, to the increased scale for all night lighting as hereinafter provided.

The term of lighting and extinguishing shall be as follows:

Arc lights shall be lighted three-quarters of an hour after sunset and shall be extinguished not earlier than three-quarters of an hour before sunrise, excepting, however, the aforesaid 250 lights extinguished at midnight. In the case of gas lamps the last lamp shall be lighted not later than one hour after sunset and the first gas lamp shall be extinguished not earlier than an hour and a quarter before sunrise, provided that the last lamp shall not be extinguished not earlier than fifteen minutes before sunrise.

The acceptance of the bids aforesaid are subject to the following conditions, to-wit:

That said bids be and they are hereby reduced and modified so that the total sum to be paid hereunder to the San Francisco Gas and Electric Company, a corporation, for the lighting of all public buildings (except school buildings), streets, and the supplying of power to the City and County for the term of one year shall be three hundred and twenty-five thousand dollars (\$325,000), payable in such monthly sums as may be chargeable according to the monthly usage, but not to exceed in the aggregate for the year three hundred and twenty-five thousand dollars (\$325,000).

Deductions for lights not burning shall be computed at the rate of 6.548 cents per night for single burner gas lamps, 5 cents per night for each lamp of an all-night or 12 o'clock triple-lamp cluster, except where one of the lamps of a triple-lamp cluster should continue to burn all night, then the deduction charge for that lamp shall be 6.548 cents per night, 20.712 cents per night for each all-night electric arc lamp, and 13.81 cents per night for each 12 o'clock arc lamp.

That, irrespective of the number of lights installed, the City and County shall not be obligated to pay more than the following scale of rates to the San Francisco Gas and Electric Company, a corporation, to-wit:

For each single burner gas lamp, lighted all night, 6.548 cents per lamp per night.

For each gas triple-lamp cluster lighted until 12 o'clock, or all night, 5 cents for each lamp of the cluster per lamp per night.

For a single lamp of a triple-lamp cluster used all night where two lamps of the cluster are extinguished at midnight, 6.548 cents.

For each electric arc lamp, lighted all night, 20.712 cents per lamp per night.

For each electric arc lamp, lighted until midnight, 13.81 cents per lamp per night.

It is understood that all the single-burner gas lamps and all triple-lamp clusters not 12 o'clocks shall be what is termed all-night every-night lamps, i. e., lighted upon the sunset-sunrise schedule, for 365 nights in the year.

It is understood that all 12 o'clock arc lights and 12 o'clock triple-lamp clusters are to burn from the lighting times as above noted until 12 o'clock midnight.

It is understood that in order to facilitate extinguishing all 12 o'clock triple-lamp clusters shall be grouped and contiguous.

And the Clerk is hereby directed to advertise this Resolution in the Evening Post Newspaper.

In Board of Supervisors, San Francisco, June 29, 1908.

Adopted by the following vote:

Ayes—Supervisors Bancroft, Broderick, Center, Comte, Connolly, D'Ancona, Giannini, Hocks, Jennings, Johnston, McAllister, McLeran, Murdock, Murphy, Payot, Pollok, Rixford.

Absent—Supervisor Booth.

JOHN E. BEHAN, Clerk.

Approved, San Francisco, July 1, 1908.

EDWARD R. TAYLOR,

Mayor and ex-Officio President of the Board of Supervisors.

Telephone Rates

TELEPHONE RATES FOR 1908-1909.

The Charter of the City and County of San Francisco was amended in 1907 so as to permit the Board of Supervisors to fix the rates to be charged and collected for telephonic service.

Subdivision 14 of Chapter II of Article II of the Charter is as follows:

14. To fix and determine by ordinance in the month of February of each year, to take effect on the first day of July thereafter, the rates or compensation to be collected by any person, company or corporation in the City and County, for the use of water, heat, light, power or telephonic service, supplied to the City and County, or to the inhabitants thereof, and to prescribe the quality of the service.

Under the authority of the above provision the Board of Supervisors, for the first time, commenced the investigation preliminary to the fixing of rates for telephonic service for the year commencing July 1, 1908, and ending June 30, 1909.

On January 6, 1908, the Board of Supervisors adopted the following Ordinance,

ORDINANCE REQUIRING STATEMENTS TO BE FILED.

BILL NO. 388. ORDINANCE NO. 342.

(New Series.)

Providing for statements being filed by companies, persons or corporations engaged in the business of furnishing telephonic service to the City and County, or to the inhabitants thereof, and imposing a penalty for failure to file the same.

Be it ordained by the people of the City and County of San Francisco as follows:

Section 1. It is hereby made the duty of every person, firm or corporation supplying telephones, telephone service or telephone connections to the City and County of San Francisco, or its inhabitants, to furnish to the Supervisors in the month of January of each year a statement in writing, verified by the oath of such person, or of a member of such firm or of the president or secretary of such corporation, as the case may be, showing in detail the amount received by such person, firm or corporation from the renting of telephones, the furnishing of telephone service and the making of telephone connections within the City and County of San Francisco, and the revenue derived by such person, firm or corporation, or in any manner arising from the use or operation of a telephone system in the City and County of San Francisco, in connection with the telephone system outside of the City and County of San Francisco, during the year preceding the date of such statement, and showing in detail all expenditures made by such person, firm or corporation during the same time for supplying telephones, telephone service and telephone connections to the City and County of San Francisco and its inhabitants, and for the purchase, construction and maintenance respectively of the property necessary for the carrying on of such business. Every such person, firm or corporation shall furnish a detailed statement verified in like manner as the statement hereinbefore in this section

mentioned, containing an itemized inventory of all of the works, lines, plant and property owned or used by such person, firm or corporation, and necessary or convenient to the carrying on of the business of supplying telephones, telephone service and telephone connections to the City and County of San Francisco, or to the inhabitants thereof, and showing the actual cost and present cash value of each item thereof.

Section 2. Any person, firm or corporation failing to make such statements within the time and in the manner in this Ordinance prescribed shall be deemed guilty of a misdemeanor, and upon conviction thereof shall be punishable by a fine in a sum not exceeding \$100, or by imprisonment in the County Jail for a period not exceeding ninety days, or by both such fine and imprisonment.

Section 3. This Ordinance shall take effect and be in force from and after its passage.

INVESTIGATION COMMENCED.

On February 19, 1908, the Board of Supervisors commenced the investigation, and for that purpose resolved itself into the Committee of the Whole with Supervisor Bancroft in the chair.

The committee made the following report:

That it had heard the testimony of E. C. Bradley and C. W. Burkett, Vice President and General Manager, respectively, of the Pacific Telephone and Telegraph Company, concerning the property of said company. That certain documents referred to the committee had been considered and were filed as exhibits Nos. 1 and 2.

Further hearing was continued until February 27th, at which the Board of Supervisors again met in Committee of the Whole, with Supervisor Johnston in chair. The committee made the following report:

That it had heard the testimony of E. C. Bradley representing the Pacific Telephone and Telegraph Company and submitted documents and statements were filed as Exhibits 3, 3A, 4, 5, 6, 7, 8, 9 and 10.

The exhibits filed are as follows:

THE PACIFIC TELEPHONE
STATEMENT OF EARNINGS AND EXPENSES SA

	Jan.	Feb.	March	April	May
REVENUE—					
Local -----	\$112,009.97	\$113,733.68	\$118,395.02	\$136,858.77	\$119,595.5
Long Distance -----	2,657.37	2,821.77	3,288.15	3,624.26	1,648.4
Real Estate -----	4,570.00	4,570.00	4,570.00	4,570.00	4,570.0
Interest -----	452.70	452.62	454.87	454.06	401.7
Miscellaneous -----	4.65			1,996.70	15.3
Total -----	\$119,694.69	\$121,578.07	\$126,708.04	\$147,503.79	\$126,230.0
EXPENSES—					
General -----	\$ 7,949.40	\$ 8,100.74	\$ 8,098.53	\$ 9,189.28	\$ 10,095.5
Operating -----	27,382.81	29,593.13	28,703.78	36,502.23	24,804.3
Maintenance, Salaries and Wages -----	32,018.33	30,407.59	33,017.70	23,285.77	18,885.5
" Material -----	10,238.50	14,107.44	11,949.29	12,339.01	5,928.3
" Traveling -----	1,336.46	1,253.57	1,121.06	1,322.78	1,963.3
" Conduit Pole and Roof Rent -----	105.96	456.48	384.79	401.13	312.7
" Damages -----	283.50	552.90	438.83	160.68	467.6
Rent, Light and Heat -----	6,596.71	5,151.64	7,534.88	6,719.56	5,987.7
Directory -----	910.24	904.04	993.35	1,038.79	1,029.6
Advertising and Canvassing -----	1,974.18	1,445.71	1,285.77	1,451.02	1,030.0
Miscellaneous -----	5,904.53	5,775.02	6,188.27	7,827.73	16,097.7
Instrument Rental -----	6,388.11	6,493.30	6,071.99	6,747.39	6,113.3
Taxes, Personal -----	4,403.90	4,403.90	4,403.90	4,403.90	4,403.9
Taxes, Real Estate -----	417.37	417.37	417.37	417.37	417.3
R. E. Expense, not including Taxes or Insurance -----	3,878.77	730.00	799.81	1,762.29	1,943.3
Interest -----	6,764.90	6,519.69	7,360.24	7,526.15	8,589.3
Real Estate Insurance -----	285.75	314.15	267.78	304.95	273.3
Plant Insurance -----	475.00	572.49	393.28	637.27	546.3
Total -----	\$117,314.42	\$117,199.58	\$119,430.62	\$122,037.30	\$108,896.4
Net Revenue -----	\$ 2,380.27	\$ 4,378.49	\$ 7,277.42	\$ 25,466.49	\$ 17,334.3
Amount required to pay 6 per cent on investment in San Francisco -----	\$ 32,400.00	\$ 32,400.00	\$ 32,400.00	\$ 32,400.00	\$ 32,400.0

State of California, }
 City and County of San Francisco. } ss.

F. W. Eaton, being first duly sworn, deposes and says: That he is an officer, to-wit: the Secretary of the Pacific Telephone and Telegraph Company, a corporation, and that he makes this affidavit for and on behalf of said corporation; that he has read the foregoing statement of receipts and expenditures for the year ending December 31, 1907, made by the Pacific Telephone and Telegraph Company; that the same are correct to the best of his knowledge and belief.

F. W. EATON.

Subscribed and sworn to before me this tenth day of February, A. D. 1907.

(Seal)

GEO. J. PETTY,

Notary Public in and for the City and County
 of San Francisco, State of California.

STATEMENT SHOWING INVESTMENT IN THE CITY AND COUNTY OF
 SAN FRANCISCO, AS OF JANUARY 1, 1908.

C. O. equipment	\$1,326,850.00
Sub-station equipment	421,627.00
Exchange pole line	625,350.00
Exchange aerial cable	520,156.00
Exchange aerial wire	679,020.00
Exchange under-ground conduit	848,150.00
Exchange under-ground cable	896,431.00
Furniture and fixtures	7,912.00
Tools	15,830.00
Real estate	1,026,450.00
General supplies	95,620.00
Teams, wagons, barn, etc.....	33,200.00
Total	\$6,496,596.00

State of California, }
 City and County of San Francisco. } ss.

F. W. Eaton, being first duly sworn, deposes and says: That he is an officer, to-wit: the Secretary of the Pacific Telephone and Telegraph Company, a corporation, and that he makes this affidavit for and on behalf of said corporation; that he has read the foregoing itemized inventory; that the same is correct to the best of his knowledge and belief.

F. W. EATON.

Subscribed and sworn to before me this tenth day of February, A. D. 1907.

(Seal)

GEO. J. PETTY,

Notary Public in and for the City and County
 of San Francisco, State of California.

EXHIBIT NO. 2.

COMMUNICATION FROM HOME TELEPHONE COMPANY.

San Francisco, January 30, 1908.

John E. Behan, Esq.,

Clerk of the Board of Supervisors,
 San Francisco, California.

Dear Sir:—I beg to acknowledge receipt of your letter of the 28th instant enclosing copy of Ordinance No. 342 (New Series), which provides for the making of a statement by "every person, firm or corporation supplying tele-

TELEPHONE RATES

1129

phones, telephone service or telephone connections to the City and County of San Francisco, or its inhabitants.''

I beg to advise you that at the present time the Home Telephone Company of San Francisco is engaged in the construction of its plant and is not yet supplying telephones or telephone service, therefore the company does not come within the terms of the Ordinance.

Please accept my thanks for furnishing the copy of the Ordinance for the Company.

Respectfully yours,

MARK L. GERSTLE,
President Home Telephone Company of San Francisco.

EXHIBIT NO. 3.

ASSESSMENT OF PACIFIC TELEGRAPH AND TELEPHONE COMPANY.

Mr. John A. Behan,
Clerk of Board of Supervisors,
32 Eddy street, City.

San Francisco, February 18, 1908.

Dear Sir.—Answering your communication of February 17th, relating to the assessed valuation of the property of the Pacific States Telegraph and Telephone Company for the year 1907-08, I submit the following data:

Real estate	\$ 208,210.00
Improvements	113,000.00
Personal property	2,280,168.00
Franchise	450,000.00
	<hr/>
	\$3,051,378.00

Very truly yours,
WASHINGTON DODGE, Assessor.

San Francisco, February 27, 1908.

Hon. D. C. Murphy,
407 Mutual Savings Bank Building,
San Francisco, California.

Dear Sir:—I beg leave to submit you herewith details of the personal property assessment of the Pacific Telephone and Telegraph Company for the year 1907-8, as obtained by Mr. Cronin from the assessment roll:

Public lines	\$ 100,000.00
Underground Const.	1,299,000.00
Telephones	131,312.00
Furniture and fixtures	10,000.00
Wagons and buggies	5,960.00
Horses	3,500.00
Automobiles	3,540.00
Switch board, etc.	615,000.00
Machinery and tools	5,000.00
Supplies	59,856.00
Sub cables	47,000.00
	<hr/>
	\$2,280,168.00
Franchise	450,000.00
	<hr/>
	\$2,730,168.00

Yours truly,

JOHN E. BEHAN, Clerk.

EXHIBIT NO. 3A.

COMMUNICATION OF CITY ATTORNEY.

San Francisco, California, February 27, 1908.

To the Honorable Board of Supervisors.

Gentlemen:—Your communication dated February 21, inquiring whether it is necessary for the Board of Supervisors to fix and determine in the month of February of each year telephone rates to be collected for the year commencing July 1 thereafter, received.

The power to fix and determine by ordinance the rates to be collected by any person, company or corporation in the City and County for telephone service supplied to the City and County, or to its inhabitants, is conferred upon the Board of Supervisors by the amendment of Subdivision 14 of Section 1 of Chapter II of Article II of the Charter adopted November 5, 1907. Prior to the adoption of this amendment the Board had no authority to fix and determine such rates.

At first glance it would appear that this grant of power should be strictly construed and that the Board could have no power to fix telephone rates except in accordance with the express provisions of the amendment; that is to say, "by ordinance in the month of February, etc." The wording of the section in this respect, however, is substantially the same as that used in Article XIV of the Constitution of California regarding the fixing of water rates—"said ordinances or resolutions shall be passed in the month of February of each year, and take effect on the first day of July thereafter."

The Supreme Court of this State, sitting in banc, by a unanimous decision, in *Fitch vs. Supervisors*, 122 Cal. 285, sustained an ordinance fixing water rates passed June 2 to take effect the first day of July thereafter, saying, page 287:

"The provision of the Constitution that the ordinance fixing the rates shall not take effect until July, although it is to be passed in February, is manifestly for the purpose of affording to the person or company supplying water ample time to adjust the individual rates for its consumers in accordance with the terms of the schedule fixed by the ordinance, and also to provide an opportunity if necessary, in case the ordinance shall not be passed in February, to invoke process for compelling the Board to pass an ordinance prior to July." And again on page 290, same case:

"We have seen that an ordinance fixing rates which is not passed until after February is as valid for the purpose of determining the rates to be collected as though passed in the month of February."

Though the nature of the remedy was the controlling question in that case, and the passage quoted may be termed dicta, they are strong enough to warrant the conclusion that the Court would hold the provision of the Charter regarding the date of passage of the ordinances to be directory only, and that an ordinance fixing rates passed after February, but before the first of July, is as valid as if passed in the month of February.

Respectfully,

PERCY V. LONG, City Attorney.

TELEPHONE RATES

1131

EXHIBIT NO. 4.

THE PACIFIC TELEPHONE AND TELEGRAPH COMPANY PROPERTY, SAN FRANCISCO EXCHANGE, JANUARY 1, 1908.

* Figures Denote Appraised Values.

	Lot.	Improvements.	Total.
New Main Office—			
South side of Bush street, 157½ feet E. of Grant avenue—Size of lot, 40 x 137½; size of building, 40 x 120; 8 stories and basement.....\$	70,000.00	\$188,000.00	\$258,000.00
	*40,000.00		
West Office—			
NW. cor. Pine and Steiner streets— Size of lot 62½ x 103:01½; size of building, 62½ x 100; 3 story and basement; brick	25,000.00	199,000.00	224,000.00
	*18,750		
Franklin Office—			
West side of Hyde street, 77½ feet N. of Sutter—Size of lot, 50 x 137½; size of building, 50 x 110; 3 story and basement; brick.....	18,750.00	93,000.00	111,750.00
	*25,000.00		
Market Office—			
N. side of W. Mission street, 51 feet 1¾ inches W. of Brady—Size of lot, S. side, 116 feet 6⅞ inches; E. side, 81 feet 2 inches; W. side, 62 feet 3 inches; size of building, 62 feet 3 inches x 116 feet 2½ inches, approximate	16,000.00	110,000.00	126,000.00
	*23,200.00		
Park Office—			
S. side of Page street, bet. Scott and Pierce—Size of lot, 50 x 137½; size of building, 25 x 121; 1 story and basement; brick and frame.....	10,000.00	9,000.00	19,000.00
	*7,000.00		
Former Executive Office Site—			
New Montgomery street (S. side), bet. Minna and Natoma—Size of lot, 148 x 160; office building, 160 x 80; 2 stories and basement: brick. Storage building in rear—Size, 42 x 156 feet 9 inches; 1 story and basement; galvanized iron construc- tion	120,000.00	42,000.00	162,000.00
	*160,000.00		
Former Mission Office Site—			
E. side of Mission 70 feet N. of 18th street—Size of lot, 23 x 100; size of building, 19 x 19; 1 story; frame	7,500.00		7,500.00
	*9,200.00		
	<u>\$267,250.00</u>	<u>\$641,000.00</u>	<u>\$908,250.00</u>
	*\$283,150.00		

TELEPHONE RATES

UNIMPROVED PROPERTY.

Former Chinatown Office Site—	Lot.	Improvements.	Total.
S. side of Washington street, E. of Dupont—Size of lot, 25 ½ x 40 ½; former building destroyed.....\$	10,000.00	.....
	*6,250.00		
Former Main Office Site—			
N. side of Bush street, 137 ½ feet W. of Sansome street—Size of lot, 68 ¾ x 137 ½; former building destroyed	100,000.00	.....
	*138,000.00		
Former South Office Site—			
N. side of Jessie street, 175 feet E. of 6th street—Size of lot, 50 x 75; former building destroyed.....	5,000.00	.....
	*7,500.00		
Proposed Site Richmond Office—			
E. side of 5th avenue, 250 feet N. of A street—Size of lot, 50 x 120.....	3,200.00	.....	118,200.00
	<u> </u>		<u> </u>
	*\$151,750.00		\$1,026,450.00

EXHIBIT NO. 5.

INVENTORY AND STATEMENT OF OFFICE FURNITURE AND FIXTURES OF PACIFIC TELEPHONE AND TELEGRAPH COMPANY.

The detailed statement is on file in the Office of the Clerk of the Board of Supervisors. Following is a recapitulation of office furniture and fixtures.

RECAPITULATION.

Office of General Superintendent of Construction.....	\$ 2,683.50
Office of Superintendent of Supplies.....	1,540.42
Office of Traffic Department	2,876.50
Office of Auditing and Bookkeeping Department.....	13,090.80
Office of Engineering Department	3,903.00
Total	\$24,094.22
West Office	\$3,927.45
Park Office	673.90
Franklin Office	1,236.50
Market Office	2,092.05
Shreve Building	9,979.20
445 Bush street.....	7,787.10
Van Ness and Eddy Public Station.....	101.50
Eddy and Fillmore Public Station.....	204.90
Market and New Montgomery.....	137.00
Mission and Eighteenth Public Office.....	298.45
	<u> </u>
	26,438.05
Total	\$50,532.27

TELEPHONE RATES

1133

EXHIBIT NO. 6.

INVENTORY OF TOOLS OF PACIFIC TELEPHONE AND TELEGRAPH COMPANY.

This inventory is on file in the Office of the Clerk of the Board of Supervisors.

EXHIBIT NO. 7.

THE PACIFIC TELEPHONE AND TELEGRAPH COMPANY'S STATEMENT SHOWING INVESTMENT IN THE CITY AND COUNTY OF SAN FRANCISCO AS OF JANUARY 1, 1908.

Toll Plant not included. Engineering Department Figures.

Central Office equipment.....	\$1,326,850.00
Sub-station equipment	421,627.00
Exchange pole line	625,350.00
*Exchange aerial cable	520,156.00
Exchange aerial wire	679,020.00
Exchange underground conduit	848,150.00
*Exchange underground cable	896,431.00
Furniture and fixtures	7,912.00
Tools	15,830.00
Real estate	1,026,450.00
General supplies	95,620.00
Teams, Wagons, barns, etc.....	33,200.00
Total	\$6,496,596.00

* Included in same sub-statement.

The detailed statement is on file in the Office of the Clerk of the Board of Supervisors.

EXHIBIT NO. 8.

MEMORANDA CONCERNING THE SAN FRANCISCO EXCHANGE.

Area covered by underground district.....	4.9 sq. miles, equals	10.7%
Area covered by aerial district.....	16.4 sq. miles, equals	35.8%
Area unoccupied	24.4 sq. miles, equals	53.5%

Total area of City and County..... 45.8 sq. miles, equals 100%

Total mileage of wire of all kinds outside of Central Offices and substations129,000 miles

Total number of pairs of wires entering each office—

Bush street	21,800
Market	13,800
West	11,600
Franklin	9,900
Park	4,650
Butchertown	250

Total 62,000

TELEPHONE RATES

Total ducts entering each office—

	For Subscribers Cable.	For Trunk Cable.	Total.
Bush	62	10	72
Market	52	8	60
West	29	4	33
Franklin	27	3	30
Park	27	3	30
Butchertown	3	1	4
	<hr/>	<hr/>	<hr/>
Total	200	29	229

The following is the capacity of each office—

	Subscribers Lines.	Trunk Lines.
Bush	24,800	4,000
Market	20,800	3,200
West	11,600	1,600
Franklin	10,800	1,200
Park	10,800	1,200
Butchertown	600	200
	<hr/>	<hr/>
Total	79,400	11,400

Average local calls per day..... 218,885
 Average local calls per month..... 5,691,018

Duct mileage 3,448 miles
 Trench mileage 77.2 miles
 Cable mileage 309.6 miles

EXHIBIT NO. 9.

INVENTORY AND VALUE OF CENTRAL OFFICE EQUIPMENT.

Detailed inventory on file in the Office of the Clerk of the Board of Supervisors.

EXHIBIT NO. 10.

DETAILED STATEMENT OF EARNINGS AND EXPENSES OF PACIFIC
TELEPHONE AND TELEGRAPH COMPANY.

Statement on file in the Office of the Clerk of the Board of Supervisors.

INVESTIGATION CONTINUED.

The matter was further investigated at meetings held on March 3rd and March 10th, at which times further testimony was given by E. C. Bradley, E. W. Burkett, T. E. Sherwin, Vice-President, General Manager, Chief Engineer and Auditor, respectively, of the Pacific Telephone and Telegraph Company, and on March 13th, at which additional testimony was made by E. S. Pillsbury, General Counsel, Geo. B. Bush, General Contract Agent, and W. S. Phillips, Division Superintendent of said company.

INVESTIGATION CLOSED.

On March 19th, additional testimony was adduced by the officers of the company above mentioned, and on motion the hearing was declared closed and the Committee on Telephone Rates was directed to prepare a bill fixing such rates for the year commencing July 1, 1908, and ending June 30, 1909. Thereafter, on May 12th, the committee submitted the following report:

REPORT OF TELEPHONE RATES COMMITTEE IN MATTER OF FIXING
AND DETERMINING TELEPHONE RATES TO BE COLLECTED IN THE
CITY AND COUNTY OF SAN FRANCISCO FOR THE YEAR COM-
MENCING JULY 1, 1908, AND ENDING JUNE 30, 1909.

To the Honorable the Board of Supervisors.

Gentlemen:—Your Telephone Rates Committee to whom was referred the matter of preparing a bill fixing and determining telephone rates for the year commencing July 1, 1908, and ending June 30, 1909, begs leave to present the following report.

Your Committee has carefully examined the evidence submitted by the representatives of the Pacific Telephone and Telegraph Company and has also obtained the assistance of Professor C. L. Cory of the University of California in reviewing the evidence and exhibits filed. From the testimony adduced in the recent investigation before your honorable Board it appears that the books of account of the Telephone Company were destroyed in the fire of April 18, 1906, and it was therefore impossible to make a comparison of the business and expenses of the company in the year 1905, a normal year, with those in the year 1907.

The company officials furthermore testify that the present book value of their plant, namely, \$6,496,596, was determined by surveys made by their engineers of the properties remaining after the fire of April 18, 1906, and by estimating the value of the same together with the additions to the plant up to the first of January, 1908.

Your Committee being limited by time did not have an opportunity to examine into the physical properties of the company and determine by actual measurements and surveys whether or not the estimates of the company were correct, such a study necessarily involving a work extending over several months. However, three of the items constituting a portion of the company's valuation have apparently been overvalued and reductions have been therefore made as follows:

Exchange pole line reduced from \$625,350 to \$556,866.

Exchange aerial wire reduced from \$679,020 to \$547,900.

Real estate not in use reduced to the extent of \$118,200.

Total reductions, \$317,804.

Amended valuation after reductions have been made, \$6,178,792.

In the judgment of your Committee 6 per centum per annum is a fair return upon an investment in a telephone plant and in order to yield the company a return at said rate of interest upon the amended valuation of \$6,178,792, together with an allowance of \$350,000 for new equipment to meet increased business, the yearly net revenue must be at least \$391,000.

Taking into consideration the natural increase in the business of the company during the next ensuing fiscal year, which amounts to approximately 20 per cent, as testified to by the officials of the company, and allowing for the increased operating expenses due to this increase in business, your Committee is of the opinion that an average 10 per cent reduction at least can be made in the prevailing rates of the telephone company.

Inasmuch as the statements of the company show that the measured service subscribers use more than the complement allowed under the various schedules, your Committee believes it expedient to increase the complement of monthly switching service rather than lower the minimum rates, and therefore recommends that the switching schedules be increased as follows:

In the case of a single party business line now rated at \$5.00 per month and 5 cents for each switch, that said rate include 42 switches per month and 5 cents for each additional switch.

In the \$9.15 business rate that the complement of switches included in the rate be increased from 83 to 125 switches per month, the additional switching rate to remain at 4 cents.

In the \$12.47 business rate that the complement be increased from 166 to 209 switches per month, the additional switching rate to remain at 3 cents.

In the \$15.00 business rate that the complement be increased from 250 to 292 switches per month, the additional switching rate to remain at 2½ cents.

In the \$17.48 business rate that the complement be increased from 416 to 500 switches per month, the additional switching rate to remain at 2 cents.

In the \$19.57 business rate that the complement of switches be increased from 583 to 667 switches per month, the additional switching rate to remain at 1½ cents.

In the business prepayment service (nickel in slot) the complement of switches within the \$5.50 rate for a single party line is increased from 40 to 60 switches per month and on a two-party line rated at \$4.50 per month, the complement of switches is also increased from 40 to 60.

Your Committee recommends that the rate for residence telephones with unlimited exchange switching be reduced from \$5.00 to \$4.00 per month for one-party lines, and for two-party lines from \$4.00 to \$3.50 per month.

Recommendation is also made that trunk lines connecting private branch exchanges with the company's offices be reduced from \$3.00 to \$2.50 per month each, and that the rental for stations connected with private branch exchanges be reduced from \$1.00 per month to 50 cents per month.

Extension telephones, both business and residence are recommended to be reduced to a uniform rate of 50 cents per month.

Private line telephones, that is to say, telephones not connected with the company's offices, are reduced from \$1.00 to 50 cents per month, and for every name listed in the telephone directory in excess of main and extension telephones installed, a charge of 25 cents is permitted, instead of 50 cents as heretofore.

Further recommendation is made that no higher charge than 5 cents per switch be made for exchange switching from public telephone offices or elsewhere in the City and County.

The above reductions are made after a very careful analysis of the earning capacity of each kind of service and the aggregate thereof will, in the opinion of your Committee, return a revenue of at least 6 per centum per annum to the company on the estimated valuation of its plant.

The Charter requires your honorable Board, in addition to fixing the telephone rates, to prescribe the quality of the service as well.

Your Committee therefore recommends that the Telephone Company be required to furnish either portable or stationary telephonic apparatus within the prescribed rates, as its patrons may select, and it is also recommended that no charge of any kind be made excepting for an availing call.

Provision is also made that telephone companies shall upon twenty days' notice furnish telephonic service of any kind or class specified in the Ordinance without discrimination, qualification or restriction as to employees of subscribers or otherwise, this latter clause being designated to relieve private exchange subscribers from being compelled to employ at their own expense such operators as the Telephone Company may select.

Provision is made for the installation and maintenance upon demand of subscribers of meters on measured service business lines (excepting nickel in slot telephones) and the company is required to permit a subscriber to inspect the said meter at all reasonable times.

As stated aforesaid in this report and now repeated with emphasis, your Committee could not within the limited time at its disposal make or cause to be made a detailed study and estimate of value of the component elements of the San Francisco Exchange of the Pacific Telephone and Telegraph Company and was compelled in the main to rely upon the figures presented by the company's officials.

We do not commit ourselves to the valuation of \$6,178,792, but as it cannot be disproved at the present time it must necessarily be used as the basis of valuation for the next fiscal year. The recommendations of the Committee will, however, affect a saving to subscribers of approximately \$17,000 per month and will grant relief in all the generally patronized classes of service.

Your Committee appends herewith and makes a part of its report and conclusions the report of Professor C. L. Cory upon rates for telephone service and also recommends the passage of a bill, herewith submitted, fixing and determining telephone rates for the year commencing July 1, 1908, and ending June 30, 1909.

Respectfully submitted,

D. C. MURPHY,
PAUL BANCROFT,
A. H. GIANNINI,

Telephone Rates Committee.

**Report of Professor C. L. Cory to Telephone Rates Committee
of Board of Supervisors on Rates for Telephone Service
in San Francisco.**

April 30, 1908.

To the Telephone Rates Committee,
Board of Supervisors, City and County of San Francisco.

Gentlemen:—After a careful perusal of the minutes of the proceedings had before the Board of Supervisors of the City and County of San Francisco, under the investigation preliminary to fixing telephone rates for the fiscal year commencing July 1, 1908, and ending June 30, 1909, and of the evidence submitted by the Pacific Telephone and Telegraph Company in connection with the pending investigation, and which has been filed as exhibits of the above mentioned proceedings, and also various letters, traffic records, etc., which have been submitted to your Committee by the above named company, relative to the operation of its telephone system in the City and County of San Francisco, I beg herewith to submit the following report:

I have carefully gone over the first seven items in the table on page 5 of the Pacific Telephone and Telegraph Company's statement, dated February 10, 1908, to the Board of Supervisors, which table gives the investment in the City and County of San Francisco of the Telephone Company as of January 1, 1908, and have compared each of the first seven items with other data which it has been possible to obtain in the short time available, and as a result of such comparisons, in my opinion the following reductions in the valuation of the physical plant of the company should be made:

ITEM 3. EXCHANGE POLE LINE.

Company's valuation	\$625,350.00	
Reduced valuation	556,866.00	
	<hr/>	
Reduction		\$ 68,484.00

ITEM 5. EXCHANGE AERIAL WIRE.

Company's valuation	\$679,020.00	
Reduced valuation	547,900.00	
	<hr/>	
Reduction		\$131,120.00
		<hr/>
Total reduction		\$199,604.00

Reference to pages 39 to 42 of Vol. 2 of the Proceedings held before the Board of Supervisors shows that unused real estate amounting to \$118,200.00 is included in the statement of the investment of the company, and this amount should therefore be added to the reductions proposed upon items No. 3 and No. 5 above mentioned. The proper investment is, therefore, as indicated below:

TELEPHONE RATES

1139

Valuation as per company's statement	\$6,496,596.00
Reduction Items Nos. 3 and 5.....	\$199,604.00
Reduction real estate	118,200.00
	\$ 317,804.00
 Total reductions	 \$ 317,804.00
 Amended valuation	 \$6,178,792.00

The above amount, \$6,178,792.00, will therefore be considered as the proper valuation of the company's telephone system as installed in San Francisco on January 1, 1908.

Your committee, however, should bear in mind that in the main I have accepted as final the figures pertaining to investment contained in the company's statement, primarily for the reason that it has been impossible to obtain the information necessary to determine if the system in use at the present time includes the equipment as set forth in said statement, or if the different component parts of the plant are modern and in first-class operating condition, and in reality represent, at the present time, values equal to the first cost as stated by the company.

I wish also to say that it is not because the Telephone Company has in any way made it impossible for such a complete examination of their present equipment to be made, but rather that in the short time available and under the conditions prevailing in connection with the investigation by your committee, it has been impossible to make an examination and prepare a complete statement showing the present value of the telephone system in San Francisco.

EARNINGS AND EXPENSES.

From the statement of earnings and expenses for the year 1907, set forth on page 3 of the above mentioned statement of the company to the Board of Supervisors, the net revenue for the year is given as \$156,272.34. In obtaining this net revenue, however, interest amounting to \$114,779.66 is, in effect, included in the expenses of operation.

Reference to page 153, volume IV. of the Proceedings held before the Board of Supervisors, the testimony of Mr. E. C. Bradley shows that this interest is in fact interest paid during the year 1907 upon the bonded and floating debt of the company, properly chargeable to the system in use in San Francisco. Manifestly such an interest expense cannot under any circumstances be properly chargeable to the cost of operation of the system, and should be added to the net revenue as given in the company's statement, in order to give the true net revenue of the company as a result of the year's business in San Francisco.

The proper net revenue for the year is, therefore, \$271,052.00, which is obtained by adding the interest expenses to the net revenue as given in the company's statement. The true net revenue, therefore, for the year 1907 is 4.38 per cent upon the total investment in San Francisco, which is taken as \$6,178,792.00.

As is well known, conditions during the greater part of the year were very unfavorable to the company. A large portion of the system was not in use, and in addition the earnings of the company were materially reduced as a result of strikes of its employees.

It is manifestly impossible to use the earnings and expenses for the year 1907 to determine what would be just and equitable rates for the year ending June 30, 1909. This will be at once appreciated by comparing the revenue and expenses of operation during the early months of 1907 and the latter months of the same year.

TELEPHONE RATES

The revenue for the month of January was \$119,694.69, while for December it was \$159,493.99, an increase of \$39,799.30, or the revenue for December was 30.7 per cent greater than the revenue for January. For the same months the expenses of operation, not including interest, were \$110,549.52 for January, and \$119,347.33 for December, an increase of only \$8,797.81, or the expenses of operation for December were only 7.9 per cent greater than the corresponding expenses for January.

In order further to show that the revenue and expenses for the year 1907 cannot be used as a basis for fixing the rates for the year beginning July 1, 1908, and ending June 30, 1909, the following table is given from the company's statement of revenue, expenses not including interest, and net revenue for each month of the year 1907:

Month,	Revenue.	Expenses.	Net Revenue.
January	\$ 119,694.69	\$ 110,549.52	\$ 9,145.17
February	121,578.07	110,679.89	10,898.18
March	126,708.04	112,070.38	14,637.66
April	147,503.79	114,511.15	32,992.64
May	126,230.62	100,306.54	25,924.08
June	118,471.72	107,661.71	10,810.01
July	116,286.43	111,630.03	4,656.40
August	123,562.92	107,649.25	15,913.67
September	136,835.47	105,707.31	31,128.16
October	152,408.57	114,350.37	38,058.20
November	153,971.00	117,229.83	36,741.17
December	159,493.99	119,347.33	40,146.66
Totals	\$1,602,745.31	\$1,331,693.31	\$271,052.00

The revenue for the months of May, June, July, August and September is much less than would have been the case had no strike of the company's employees taken place, and the effect upon the net revenue for the year is forcibly shown by the reduced net revenue, especially for June, July and August.

Finally, an examination of the following table compiled from the figures submitted to your committee by the Telephone Company shows that 23,028 telephones were in use on January 1, 1907, and that this number was increased to 35,270 on January 1, 1908, or 12,232 new telephones were installed during the year, or an increase from January 1 to December 31, 1907, of 52.1 per cent.

TELEPHONE SUBSCRIBERS IN SAN FRANCISCO. SEPTEMBER, 1903 TO
MARCH, 1908.

Date.	Number of Subscribers.
Sept. 1, 1903.....	39,698
May 1, 1904.....	42,798
Dec. 1, 1904.....	44,914
Feb. 1, 1905.....	45,770
Jan. 1, 1906.....	49,853
Apr. 18, 1906.....	(Approx.) 17,000
July 1, 1906.....	21,113
Jan. 1, 1907.....	23,038
Jan. 1, 1908.....	35,270
Mar. 19, 1908.....	38,000

There can be no question that the investment in the system, as well as the revenue and expenses for the year 1907, during which the number of telephones

in service was increased more than 50 per cent, cannot be made use of in order to determine the rates for the year ending June 30, 1909.

It is to be regretted that data relative to the revenue and expenses for some normal year, or number of years, is not available, since data of this kind would be immensely valuable in determining rates which would yield a just return to the company, and at the same time not be excessive to the telephone users. This data, however, not being available, and the year 1907 having unquestionably been unusual in so many respects that the record for the year as a whole is of little value as a criterion for succeeding years, the only reasonable method which may be used to determine whether or not the existing rates are fair to both the public and the company is to compare them with the rates charged in other cities, taking into consideration all differences in conditions which may exist in other cities as compared with San Francisco.

EXISTING RATES.

The existing rates for the different classes of service furnished in the City and County of San Francisco by the Pacific Telephone and Telegraph Company are given on the printed statement of the company submitted herewith (page 10).

The table on page 4 of the statement of the company to the Board of Supervisors affords an opportunity for investigation which has been very carefully carried out in order to determine the actual cost of telephone service to the various classes of subscribers, i. e., the cost per message which is unquestionably the fundamental point which should be considered in any comparison of rates wherever it is practicable to make such a comparison.

The following table has been prepared from the data given on page 4 of the company's statement to the Board of Supervisors, and gives the average revenue to the company per station, and per message, obtained from the different classes of subscribers, including Business, Residence, Direct and Party Line Telephones, as well as Private Exchanges:

TELEPHONE RATES

TABLE SHOWING COST PER MESSAGE AT PRESENT RATES.

Business Measured. Kind of Line.	No. of Stas.	Aver. Mess.		Aver. Rev.	
		per sta.	per mo.	per sta. per mo.	per mess.
1 party	412		69.7	\$ 8.49	12.18c
1 party	800		160.7	12.26	7.62c
1 party	479		259.8	15.28	5.88c
1 party	220		377.1	18.18	4.82c
1 party	50		496.5	19.09	3.84c
1 party	28		832.5	23.70	2.84c
Total	1,989	Aver.	207.5	\$13.19	6.35c
Business Prepayment.					
1 party	4,645		77.3	\$ 7.36	9.52c
2 party	159		53.8	5.19	9.64c
2 party	1,309		138.7	6.93	5.00c
4 party	680		19.9	1.99	10.00c
4 party	768		75.6	3.78	5.00c
10 party	155		60.0	3.00	5.00c
Total	7,716	Aver.	81.7	\$6.33	7.76c
Residence Unlimited.					
1 party	2,363		5.00	.....	.....
2 party	1,095		4.00	.....	.....
4 party	2,365		2.50	.....	.....
Total	5,823				
Residence Prepayment.					
2 party	354		60.0	3.00	5.00c
4 and 10 party	7,073		32.4	1.63	5.00c
Total	7,427	Aver.	33.7		5.00c
Private Exchanges.					
Switchboards	211			Total Revenue. \$ 1,055.00	
Stations—Com.			4999	4,999.00	
Stations—Hotels			2779	1,241.70	
Trunks	1,196			3,588.00	
Messages	574,342			11,681.53	
Total				\$22,565.23	3.92c
Aver. Mess. per private exchange, per month.....				2.722	

BUSINESS RATES.

CLASS "A"—INDIVIDUAL LINE.

- (1.) Business or Professional, \$5.00 per month.
- (5.) San Francisco Local Switches, Five Cents (5c) each.

SCHEDULE OF RATES, SAN FRANCISCO LOCAL SWITCHES.

Rate No.	Switches Per Year	Price in Advance	Extra Switches	Rate No.	Switches Per Month	Price	Extra Switches
10	1000	\$ 50.00	4 cents	15	83	\$ 4.15	4 cents
11	2000	90.00	3 cents	16	166	7.47	3 cents
12	3000	120.00	2½ cents	17	250	10.00	2½ cents
13	5000	150.00	2 cents	18	416	12.48	2 cents
14	7000	175.00	1½ cents	19	583	14.57	1½ cents

CLASS "B"—SERVICE WITH COIN COLLECTING ATTACHMENT.

X X
 20c
 PER DAY

X
 10c
 PER DAY

ONE
DOLLAR
 (\$1.00)
 Per Month

- 21. Individual Line, Business or Professional, \$5.50 per month, with 40 City Switches. All City Switches beyond the allowance, Five Cents (5c) each.
- 22. Party Line. (Limited to 2 subscribers.) Subscriber agrees to guarantee Twenty Cents (20c) per day. In other words, the Telephone Company agrees to furnish service at the rate of Five Cents (5c) for each and every local switch ordered from the telephone, provided that the subscriber agrees that the earnings shall not be less than Twenty Cents (20c) per day, and in case it is less, to make up the deficiency.
- 23. Party Line. (Limited to 4 subscribers.) Subscriber agrees to guarantee Ten Cents (10c) per day. In other words, the Telephone Company agrees to furnish service at the rate of Five Cents (5c) for each and every local switch ordered from the telephone, provided that the subscriber agrees that the earnings shall not be less than Ten Cents (10c) per day, and in case it is less, to make up the deficiency.
- 24. Party Line. (Limited to 4 subscribers.) Rental, \$1.00 per month. Each switch, 5 cents.

RESIDENCE RATES.

CLASS "C"—

V
 5c
 PER DAY

- 31. Individual Line, \$5.00 per month. Unlimited Exchange Switching.
- 32. Party line (limited to 2 subscribers), \$4.00 per month each. Unlimited Exchange Switching.
- 33. Party line (limited to 4 subscribers), \$2.50 per month each. Unlimited Exchange Switching.
- 34. Party line (limited to 4 subscribers), SERVICE WITH COIN COLLECTING ATTACHMENT. Subscriber agrees to guarantee Five Cents (5c) per day. In other words, the Telephone Company agrees to furnish service at the rate of Five Cents (5c) for each and every local switch ordered from the telephone, provided that the subscriber agrees that the earnings shall not be less than Five Cents (5c) per day, and in case it is less, to make up the deficiency.
- 35. Same as C 34, except beyond the 1½ -mile limit guarantee is Ten Cents (10c) per day.

TELEPHONE RATES

MILEAGE.

All above rates are based on a distance within one mile and a half of Central Office. An extra mileage charge of \$7.50 per year will be made for each one-quarter of a mile or fraction thereof beyond the mile and a half limit. Extra mileage charge on party wires will be divided among stations outside the mile limit.

NOTE.—Single conversations on party lines shall not exceed five minutes.

PROPOSED RATES.

As a result of a careful investigation of the rates for telephone service in six of the largest cities in the United States, the existing rates in San Francisco have been found to be higher than they should be in a city of the character and size of San Francisco, taking into consideration the magnitude and cost of plant, number of telephones in use, and cost of operation of the system of the Pacific Telephone and Telegraph Company.

In arriving at this conclusion the testimony of Mr. H. C. Bradley of the Telephone Company, that the cost of telephone service per message is greater in large cities with a large number of exchanges than in smaller cities with a less number of exchanges, has been given consideration, and also that as an actual fact the higher wages paid in San Francisco do not increase the cost of operation more than 5 per cent above what the cost would be if the Chicago wage scale were in force here.

The following rates for telephone service for the year July 1, 1908, to June 30, 1909, are recommended for adoption by the Board of Supervisors of San Francisco:

PROPOSED RATES.

Business Rates		Measured Service.	
Kind of line.	Rate per Month.	Switches Inc. in Rate.	Extra Switches.
1 party	\$ 5.00	42	5c
1 party	9.15	125	4c
1 party	12.47	208	3c
1 party	15.00	291	2½c
1 party	17.48	458	2c
1 party	19.57	625	1½c
Prepayment (Nickel-in-slot).			
1 party	5.50	60	5c
2 party	4.50	60	5c
2 party, 4 per day guaranteed.....	.....	.....	5c
4 party	1.00	.....	5c
4 party, 2 per day guaranteed.....	.....	.....	5c
Residence rates—Unlimited.			
1 party	4.00	.....	.....
2 party	3.50	.....	.....
4 party	2.50	.....	.....
Prepayment (Nickel-in-slot).			
2 party, 2 per day guaranteed.....	.....	.....	5c
4 party, 1 per day guaranteed.....	.....	.....	5c

PRIVATE BRANCH EXCHANGES AND EXTENSIONS.

Switchboard and operator set	\$5.00 per month
Trunk lines	2.50 per month
Stations .....	.50 per month
Stations in hotels .....	.25 per month
Switching, first 1,000 messages per month.....	.02 ½ c each
Switching, second and third 1,000 messages per month.....	.02 c each
Switching, over 3,000 messages per month.....	.01 ½ c each
Extension business .....	.50 per month
Extension residence .....	.50 per month
Private lines per mile	2.50 per month
Private line stations .....	.50 per month

It is also recommended that the following additional requirements be included in the general scheme of rates for telephone service:

First. That the Telephone Company shall at least four times each year furnish, free of charge, to each of its subscribers a complete directory of all its subscribers in San Francisco, and an additional copy of the directory for each extension telephone.

Second. That the Telephone Company shall include and list in the directory one name, free of charge, for each telephone, and also one additional name, free of charge for each extension telephone, when requested to do so by a subscriber, and further names in excess of those indicated above are to be charged for at a rate of not more than 25c per month for each name.

Third. A charge of not more than 5 cents per switch is to be collected by the Telephone Company for the use of a public telephone when the company manages and operates such public telephone station.

COMPARISON OF RATES.

On the following page is given a table showing the telephone rates in New York, Chicago, Philadelphia, Boston, St. Louis and Baltimore, as given in the Report of the Telephone Commission of Chicago in April, 1907, and in addition the existing as well as the proposed rates in San Francisco, for a number of the different classes of telephone service in general use in this City.

TELEPHONE RATES

	Chicago		New York		Philadelphia		St. Louis		Boston		Baltimore		San Francisco	
	Rate Yr. Mess.	Per c	Rate Yr. Mess.	Per c	Rate Yr. Mess.	Per c	Rate Yr. Mess.	Per c	Rate Yr. Mess.	Per c	Rate Yr. Mess.	Per c	Rate Yr. Mess.	Per c
Business flat rate...0.365														
Direct Line Meas.—														
600 messages			48	8.00	69	8.62	60	7.50	60	10.00	48	8.00	90.00	15.0
800 "			57	7.12	78	7.80	66	6.00	70	8.75	57	7.12	100.00	12.5
1000 "			66	6.60	88	7.33	72	6.00	78	7.80	66	6.60	110.00	11.0
1200 "		5.00	75	6.25	98	7.00	78	5.57	84	7.00	75	6.25	118.00	9.83
1400 "			85	6.07	105	6.56	84	5.25	90	6.43	84	6.00	126.00	9.00
1600 "			92	5.75	114	6.33	90	5.00	96	6.00	90	5.62	134.00	8.37
1800 "			99	5.50	124	6.20	96	4.80	102	5.66	96	5.33	142.00	7.88
2000 "			78	4.33	147	5.45	100	5.45	108	5.49	102	5.10	150.00	7.50
3000 "			147	4.90	150	5.00	126	4.20	138	4.60	132	4.40	180.00	6.00
4000 "			178	4.45	200	5.00	156	3.90	168	4.20	162	4.05	205.00	5.12
5000 "			209	4.18	243	4.92	186	3.72	198	3.96	192	3.84	210.00	4.2
6000 "			240	4.00	286	4.77	216	3.60	228	3.80	222	3.70	230.00	3.83
Residence														
Flat rate, direct line..72			None		Zone rate only		60		110		48		60	48
" " 2 party...60			None		Zone rate only		42		90		36		48	42
" " 3 party...51			None		None		None		None		None		30	30
" " 4 party...None			None		Zone rate only		36		None		None		30	30

TELEPHONE RATES

1147

In order to show the comparative cost of telephone service in New York, Chicago, Philadelphia, Boston, St. Louis, Baltimore, and San Francisco, the latter according to existing rates and also with the proposed rates, the average cost per month of a typical business telephone, including two extensions, and also a typical private exchange with 16 stations, is set forth below, taken from actual subscribers in San Francisco:

TYPICAL BUSINESS TELEPHONE.

City.	Cost per mo. for Switches. Aver. 172.	Cost per mo. for two extensions.
New York	\$ 9.35	\$1.00
Chicago	7.16	1.00
Philadelphia	10.69	Charge not known
Boston	9.32	Charge not known
St. Louis	8.28	Charge not known
Baltimore	8.80	Charge not known
San Francisco (present)	12.69	\$2.00
San Francisco (proposed)	10.93	1.00

TYPICAL PRIVATE EXCHANGE.

Equipment—Switchboard, 3 trunk lines, 16 stations.
Average messages per month—1,600.

	Cost per month.
New York	\$66.00
Chicago	45.00
San Francisco (present)	67.00
San Francisco (proposed)	57.50

ESTIMATED INVESTMENT, EARNINGS AND EXPENSES.

In order to approximate the investment, earnings and expenses of the Telephone Company for the year from July 1, 1908, to June 30, 1909, it is first necessary to determine as nearly as possible the probable number of telephones in use during this time. It is assumed that the number of telephones in use on January 1, 1909, will very closely represent the average for the year. Mr. W. H. Phillips of the Telephone Company stated in his testimony before the Board of Supervisors, as contained in the records of the proceedings, page 203, Vol. VI, that at the present time the number of new telephones installed per month is between 500 and 700, and also that the company estimates that at the end of the year 1908 there will be installed between 40,000 and 42,000 telephones, as against the 35,270 as of January 1, 1908.

For the purposes of this report, therefore, it is estimated that the increase in telephones installed during the year 1908 will be approximately 20 per cent, or 7,000 new telephones, making a total of about 42,000 stations on January 1, 1909.

During the year 1907 the monthly revenue of the company increased 30.7 per cent as a result of increasing the number of telephone stations 52.1 per cent, while the corresponding increase in expenses of operation was only 7.9 per cent.

For the year from July 1, 1908, to June 30, 1909, it is estimated that the 20 per cent increase in the number of telephones will result in increasing the

revenue but 10 per cent, and will cause an additional expense of operation of approximately 7 per cent. There is every reason to believe from the evidence submitted by the company that there will be a greater increase in the number of telephones installed, as well as the probable revenue during the year from July 1, 1908, to June 30, 1909, than the estimates given above, and also it is probable that the estimated increased cost of operation as heretofore indicated is greater than will actually result on account of the increase either in the number of telephones in service or the revenue resulting therefrom.

If 7,000 telephones are added during the year 1908 the investment of the company would necessarily be increased. Mr. E. C. Bradley stated in his testimony before the Supervisors, as recorded on page 199, Vol. VI, that if the number of telephones were materially increased it would necessitate the building of a new exchange, probably in the Richmond District.

The increased investment, therefore, as given below includes such a new exchange, and in addition an allowance for 7,000 new sub-stations, costing approximately \$12.00 each, as is shown by the company's detailed cost of equipment, wherein \$421,627 is given as the cost of 35,156 sub-stations.

On the other hand, from data furnished by the company the following table shows the capacity of each exchange at the present time, and also the cost of equipment:

Exchange.	Subscribers' Lines.	Trunk Lines.	Cost.
Bush	24,800	4,000	\$ 424,796.20
Market	20,800	3,200	231,322.80
West	11,600	1,600	240,128.85
Franklin	10,800	1,200	158,507.25
Park	10,800	1,200	21,256.80
Butchertown	600	200	861.70
	<hr/>	<hr/>	<hr/>
	79,400	11,400	\$1,076,873.60

The additional investment required for 7,000 new telephones it is estimated will cost approximately as follows:

New exchange building and real estate.....	\$ 40,000
Exchange equipment for same.....	160,000
New sub-stations, 7,000 @ \$12 each.....	84,000
Additional pole lines, aerial cable and wire and underground conduit and cable	66,000
	<hr/>
Total	\$350,000

The investment, therefore, as of January 1, 1908, of \$6,178,192, will, it is estimated, be increased by the addition of 7,000 new telephones, approximately \$350,000, or make a total investment as of January 1, 1909, of \$6,528,792.

In order to yield to the company a proper return upon the above investment, the yearly net revenue must be \$391,727.52, which is at the rate of 6 per cent per annum.

The following table has been prepared in order to show the monthly revenue resulting from the different classes of telephone service as estimated for the year from July 1, 1908, to June 30, 1909, with the existing rates in force and also with the proposed reduced rates. As is set forth above, the increase in revenue and expenses of operation are estimated to be an average of 10 per cent and 7 per cent respectively, for each class of service resulting from an increase of 20 per cent in the total number of telephones.

TELEPHONE RATES

1149

ESTIMATED REVENUE PER MONTH.

July 1, 1908, to June 30, 1909.

	Present Rates.	Proposed Rates.	Reduction.
Business measured	\$ 28,864.02	\$ 25,441.54	\$ 3,442.48
Business prepayment	53,732.25	48,471.17	5,261.08
Residence unlimited	24,318.25	21,116.15	3,202.10
Residence prepayment	13,812.81	13,812.81	
Private Exchanges, etc.			
Priv. Bus. Exchg. Com., including mileage	8,540.76	5,791.31	2,749.45
Private exchange hotels	1,365.87	1,365.87	
Private exchange trunks	3,946.80	3,289.00	657.80
Private exchange switchboards	1,160.50	1,160.50	
Private exchange messages	12,849.68	12,849.68	
Extensions	3,595.51	1,804.00	1,791.51
Miscellaneous rental	6,401.29	6,401.29	
Long distance	3,641.44	3,641.44	
Real estate	7,970.00	7,970.00	
Interest	448.88	448.88	
Miscellaneous	511.99	511.99	
<hr/>			
Total per month	\$ 171,160.05	\$ 154,075.63	\$ 17,084.42
Total per year	2,053,920.60	1,848,907.56	205,013.04

ESTIMATED EXPENSES.

July 1, 1908, to June 30, 1909.

Total expenses for 1907, exclusive of interest.....	\$ 1,331,693.31
Estimated increase of 7 per cent for 1908-9.....	93,218.53
	<hr/>
Total expense	\$ 1,424,911.84

ESTIMATED NET REVENUE.

July 1, 1908, to June 30, 1909.

Estimated total revenue with reduced rates.....	\$ 1,848,907.56
Estimated expense	1,424,911.84
	<hr/>
Net revenue	\$ 423,995.72

The above net revenue of \$423,995.72 is sufficient to yield upon the estimated investment \$6,528,792.00, a return at the rate of 6.5 per cent, or will leave a surplus, after paying 6 per cent upon the above investment, of \$32,268.20

CONCLUSION.

The proposed reduction in existing rates for the year July 1, 1908, to June 30, 1909, it will be seen, decreases the net revenue of the company approximately \$17,100 per month or \$205,200 per year. As compared with the total revenue which would result with the present rates in force, the

proposed reduced rates will cause a decrease of practically 10 per cent, or in other words, it may be said that in general the present rates for telephone service in San Francisco will be reduced 10 per cent.

However, of the five general classes of telephone service in force at the present time, namely, Business Measured, Business Prepayment, Residence Unlimited, Residence Prepayment and Private Exchange, only the first three and the last are reduced, as a reduction in rates is made only in those classes of service where it has been found by careful analysis that the cost per message with existing rates in San Francisco is materially larger than seems reasonable considering the class of service and number of messages per telephone per month.

In addition, the comparison between the rates proposed for San Francisco and those now existing in other cities, for the same classes of service, have also of necessity been considered in determining the proposed reduced rates.

Finally, it should be said that the information which has been placed at the disposal of your committee by the Pacific Telephone and Telegraph Company in connection with the items of investment, revenue and expenses, is confined entirely to the year 1907, and nothing has been given your committee by the company which pertains to conditions of plant and operation during a reasonably normal period prior to April, 1906.

Notwithstanding this fact, the rates proposed above are based entirely upon a conservative and careful analysis of telephone practice in similar cities of the United States, and with the information available from San Francisco, since the fire, it has been possible, with a reasonable degree of certainty, to arrive at a modified system of rates which will, without question, give a satisfactory return upon the investments in the telephone system.

Respectfully submitted,

C. L. CORY.

BILL FIXING AND DETERMINING TELEPHONE RATES FOR YEAR COMMENCING JULY 1, 1908, AND ENDING JUNE 30, 1909, SUBMITTED BY THE TELEPHONE RATES COMMITTEE TO THE BOARD OF SUPERVISORS OF THE CITY AND COUNTY OF SAN FRANCISCO, MAY 12, 1908.

Fixing and determining the maximum rates or compensation to be collected for telephonic service in the City and County of San Francisco for the year commencing July 1, 1908, and ending June 30, 1909, and prescribing the quality of said telephonic service during said year.

Be it ordained by the people of the City and County of San Francisco as follows:

Section 1. The maximum rates or compensation to be collected by any person, company or corporation for telephonic service supplied to the City and County of San Francisco, or to the inhabitants thereof, for the year commencing July 1, 1908, and ending June 30, 1909, shall be as follows:

BUSINESS AND PROFESSIONAL RATES.

The following maximum charges shall be made for business or professional measured service:

For a single party line telephone, business or professional, including 42 exchange switches, \$5.00 per month, and for all exchange switches in excess of the number included in this rate, a sum not to exceed 5 cents each.

For a single party line telephone, business or professional, including 125 exchange switches, \$9.15 per month, and for all exchange switches in excess of the number included in this rate, a sum not to exceed 4 cents each.

For a single party line telephone, business or professional, including 209 exchange switches, \$12.47 per month, and for all exchange switches in excess of the number included in this rate, a sum not to exceed 3 cents each.

For a single party line telephone, business or professional, including 292 exchange switches, \$15.00 per month, and for all exchange switches in excess of the number included in this rate, a sum not to exceed 2½ cents each.

For a single party line telephone, business or professional, including 500 exchange switches, \$17.48 per month, and for all exchange switches in excess of the number included in this rate, a sum not to exceed 2 cents each.

For a single party line telephone, business or professional, including 667 exchange switches, \$19.57 per month, and for all exchange switches in excess of the number included in this rate, a sum not to exceed 1½ cents each.

BUSINESS OR PROFESSIONAL SERVICE WITH COIN COLLECTING ATTACHMENT.

The following maximum charges shall be made for business or professional measured service with coin or token collecting attachment:

For a single party line telephone, business or professional, including 60 exchange switches, \$5.50 per month, and for all exchange switches in excess of the number included in this rate, a sum not to exceed 5 cents each.

For a two party line telephone, business or professional, including 60 exchange switches, \$4.50 per month, and for all exchange switches in excess of the number included in this rate, a sum not to exceed 5 cents each.

For a two party line telephone, business or professional, including 4 exchange switches per day, 20 cents per day, and for all exchange switches in excess of the number included in this rate, a sum not to exceed 5 cents each.

For a four party line telephone, business or professional, including 2 exchange switches per day, 10 cents per day, and for all exchange switches in excess of the number included in this rate, a sum not to exceed 5 cents each.

For a four party line telephone, business or professional, \$1.00 per month, and for each exchange switch a sum not to exceed 5 cents.

EXTENSION TELEPHONES.

For each extension telephone on a business or professional line the maximum charge shall be a sum not to exceed 50 cents per month.

PRIVATE BRANCH EXCHANGE AND EXTENSION SERVICE.

The following charges shall be made for private branch exchanges and for extension telephones connected with said exchanges and equipped and installed.

Monthly Rental Rates.—For each switchboard and operator telephone, a sum not to exceed \$5.00 per month.

For each trunk line connecting a private exchange with the telephone company exchange, a sum not to exceed \$2.50 per month.

For each additional telephone connected with a private exchange and installed in the same premises (except in hotels) a sum not to exceed 50 cents per month.

For each additional telephone installed in hotels and connected with a private exchange therein, a sum not to exceed 25 cents per month.

Monthly Switching Rates.—For exchange switching over trunk lines of private branch exchanges, a sum not to exceed 2½ cents per month for the first one thousand exchange switches, or less, made in any one month; for the second and third thousand exchange switches, or less, made in any one month, a sum not to exceed 2 cents per switch; and for all exchange switches in excess of three thousand made in any one month, a sum not to exceed 1½ cents per switch.

PUBLIC TELEPHONE SERVICE.

The charge for a single exchange switch from any telephone located in the City and County shall not exceed 5 cents and all persons, companies or corporations engaged in the business of supplying telephonic service in the City and County are hereby expressly forbidden to authorize or permit any of their lessees, subscribers or patrons to charge any person more than the rate above prescribed.

RESIDENCE RATES—UNLIMITED EXCHANGE SWITCHING.

The following maximum charges shall be made for residence flat rate service:

For a single party line residence telephone, including unlimited exchange switching, \$4.00 per month.

For a two-party line residence telephone, including unlimited exchange switching, \$3.50 per month.

For a four-party line residence telephone, including unlimited exchange switching, \$2.50 per month.

RESIDENCE SERVICE WITH COIN COLLECTING ATTACHMENT.

The following maximum charges shall be made for residence measured service with coin or token collecting attachment:

For a two-party line residence telephone, including two exchange switches per day, 10 cents per day, and for all exchange switches in excess of the number included in this rate, a sum not to exceed 5 cents each.

For a four-party line residence telephone, including one exchange switch per day, 5 cents per day, and for all exchange switches in excess of the number included in this rate a sum not to exceed 5 cents each.

EXTENSION TELEPHONES.

For each extension telephone on a residence telephone line the maximum charge shall be a sum not to exceed 50 cents per month.

NAMES IN TELEPHONE DIRECTORY.

Any person, company or corporation supplying telephonic service in this City and County shall at least four times a year furnish free of charge, to each subscriber, a complete directory of all subscribers in San Francisco, and an additional copy of said directory for each extension telephone; provided, however, that for every name listed in said directory under the telephone number of a subscriber, in excess of the number of main and extension telephones installed on the premises of the subscriber, a sum not to exceed 25 cents per month for each such name shall be charged.

PRIVATE LINES.

The following maximum charges shall be made for private telephones and lines not connected with a telephone exchange:

For private line telephones, a sum not to exceed 50 cents per month each.

For private lines, a sum not to exceed \$2.50 per mile per month.

QUALITY OF SERVICE.

Section 2. The term "telephone" as used in this Ordinance is hereby defined to mean both a transmitter and a receiver. It shall be optional with the person demanding telephonic service to elect to take or use either portable or stationary telephonic apparatus and it shall be the duty of the person, company or corporation supplying telephonic service in the City and County of furnish such apparatus without additional cost, except as in this Ordinance provided.

The term "exchange switch," as used in this Ordinance, is hereby defined to mean an availing call, that is to say, a call whereby an outgoing conversation or message is transmitted from one telephone station within the City and County and received at another telephone station within the City and County.

No switching charge shall be made for an unavailing call, and when a nickel or token is deposited in the coin collecting attachment for an unavailing call the same shall be returned to the person by whom it was deposited. Single conversations on party lines shall not exceed five minutes.

Any person, company or corporation engaged in the business of supplying telephonic service in the City and County, shall upon demand furnish within

twenty days telephonic service of the classes or kinds specified in this Ordinance, without discrimination, qualification or restriction as to employees of subscribers, or otherwise, at the same rates to all persons, companies or corporations who shall elect to take or use any of such classes or kinds of service.

Upon demand of any person, company or corporation using business or professional measured telephonic service (except prepayment service) every person, company or corporation supplying telephonic service within the City and County shall install and maintain in connection with each such measured service line, a meter which shall prove effective in actual use for accurately and correctly recording the number of outgoing messages or conversations over said line, and said meter shall be subject to inspection at all reasonable times by the subscriber upon whose line the same is installed.

Section 3. Any person, company or corporation, or any officer or agent of any person, company or corporation, violating any of the provisions of this Ordinance shall be deemed guilty of a misdemeanor, and upon conviction thereof shall be punished by a fine not exceeding five hundred (\$500.00) dollars, or by imprisonment not exceeding six (6) months, or by both such fine and imprisonment, and such person, company or corporation, or officer or agent of any such person, company or corporation shall be guilty of a separate offense for every day that such violation shall continue, and shall be subject to the penalty imposed by this section for each and every such separate offense.

Section 4. This Ordinance shall take effect and be in force from and after July 1, 1908.

Protest of the Pacific Telephone and Telegraph Company.

To the Honorable the Board of Supervisors
of the City and County of San Francisco, State of California.

The Pacific Telephone and Telegraph Company hereby protests against the final passage, in its present form, of the Ordinance which was passed to print by your honorable Board on the 25th day of May, 1908, fixing rates for telephone service for the year beginning July 1st, 1908, and submits the following:

Accepting Professor Cory's figures in every detail, the reduction made by the Ordinance in its present form would leave this company only $6\frac{1}{2}$ per cent on the investment. Professor Cory has, however, failed to show any reduction in two items, viz., private exchange messages and miscellaneous rental, which reductions, according to the proposed rates, would amount to \$2,220.19 and \$2,020.45 per month, respectively, making the actual reduction in net revenue \$256,140.72 instead of \$205,013.04. This means a return of 5.7 per cent on the investment. By "investment" is meant, in each case, the amount fixed upon by Professor Cory, which for the purpose of this protest is used, and the company makes no reference to what it considers should in all fairness be added to the investment, except to state that if it were allowed the admitted value of the real estate temporarily not in use, and the amount of its franchise, on the basis of its assessment, and on both of which it is paying taxes, and also the amount actually to be added to the plant during the year beginning July 1st, 1908, in excess of \$350,000 allowed by Professor Cory, and about which there can be no dispute, the return would be less than 5 per cent.

The company claims that 5.7 per cent, or even $6\frac{1}{2}$ per cent, is not a proper nor a fair return on an investment such as telephone property. In other cities where this matter has been carefully gone into 8 to 10 per cent is considered a proper return; and if the Board will take into consideration all the factors that enter into this question, namely, First: The unforeseen and unanticipated changes in the art which have in the past, and which will, unquestionably occur in the future; and, Second: The necessity of being able to offer an attractive investment to new capital for the improvement, expansion and increased efficiency of the telephone service, it must agree with the company that it should be allowed to earn 10 per cent on the investment.

The statement has been made that the present telephone rates in San Francisco are higher than those in other large cities. This is not altogether correct. While it is true that some of the business rates are higher, it is a fact that the residence rates are lower, so that on an average the rates in San Francisco are not as high as in other cities of the same class. The proposed Ordinance does not propose to equalize rates, but reduces the business rates and makes no increase whatever in the residence rates.

Respectfully submitted,

THE PACIFIC TELEPHONE AND TELEGRAPH COMPANY,

By (Signed) A. W. SCOTT, President.

San Francisco, June 1st, 1908.

Reply of C. L. Cory to Protest of Pacific Telephone and Telegraph Company.

Union Trust Building, San Francisco.

June 2, 1908.

Telephone Rates Committee, Board of Supervisors,
City and County of San Francisco, California.

Gentlemen:—Referring to the protest of the Pacific Telephone and Telegraph Company, dated June 1st, against the final passage, in its present form, of the Ordinance which was passed to print by the honorable Board of Supervisors on the 25th day of May, 1908, fixing rates for telephone service for the year beginning July 1st, 1908, I beg to make the following statement:

It is true, as per my report to you, that the net revenue to the company would be as estimated, 6½ per cent on the investment, this investment being \$6,528,792.00, if the estimated income, as per the report is \$423,995.72. In arriving at this net revenue it was estimated that there would be a total of but 42,000 telephones in use on January 1st, 1909. From the statement of the Telephone Company since the completion of this report, there will be not less than 45,000, or an increase of 10,000 in place of 7,000 above the 35,000 telephones in use on January 1st, 1908. From the company's statement of February 10th, the number of telephones in use in 1907 increased from 23,038 to 35,270, an increase of 52.1 per cent. This increase of telephones resulted in an increase of the gross revenue of 30.7 per cent and an increase of expenses of 7.9 per cent.

If this same proportion of increase in telephones, gross revenue and expenses is made to apply for the 45,000 telephones, the increase in the number of telephones will be 30 per cent; the gross revenue will be increased 17.6 per cent and the expense 4.54 per cent. In my report I conservatively estimated a 20 per cent increase in the number of telephones in use, corresponding to an increase in the gross revenue of but 10 per cent and allowing 7 per cent increase in the cost of operation.

With the increased number of telephones in use on January 1st, 1909, and applying the same rate of increase of gross revenue and expenses for the year 1907, to the year beginning July 1st, 1908, and ending June 30th, 1909, at the proposed reduced rates the total revenue would be \$1,992,768.84 in place of \$1,848,907.56, as given in my original report. The total expenses would be but \$1,374,152.18 as compared with \$1,424,911.84, as per the original report. The net revenue would be \$618,616.66 as compared with the net revenue of \$423,995.72, as per the original report. This net revenue would correspond to a return of 9 per cent on an investment of \$6,818,692. This investment would represent the cost, as per the statement of the Telephone Company, of installing 10,000 new telephones, or \$640,500, in addition to the amended valuation of \$6,178,792, as per the original report.

If the reduction for private exchange messages and miscellaneous rental jointly, according to proposed rates, would amount to \$2,220.19 and \$2,020.45 per month, respectively, or a total of \$51,127.68 per year, the net revenue instead of being \$618,616.66 would be this amount less \$51,127.68, or \$567,488.98, which would correspond to a return of 8.3 per cent on an investment of \$6,818,692.00.

If the present value of the franchise is to be added to the company's investment, then to be consistent it is necessary to take the present valuation of the plant rather than the original cost of constructing the plant. If the present value of a large part of the equipment of the Telephone Company, including

Central Office equipment, pole lines and aerial wire and cable, is taken, in place of the actual cost of these items, there would be a reduction in the investment much greater than the value of the franchise, as suggested by the Telephone Company, of approximately \$400,000.

If the admitted value of the real estate temporarily not in use is included in the investment, it is but proper that the expenses for rent of general offices in the Shreve Building should be deducted from the total expenses. Nine per cent interest upon the admitted value of the real estate, temporarily not in use, would be materially less than the company's expense at the present time for such rent.

Referring to the last paragraph of the company's protest, it is but necessary to refer to page nine of the original report and contrast the cost of telephone service in other cities with that at present under existing rates in San Francisco.

In conclusion I beg to say that I have not attempted to determine what is the proper return upon the investment in a telephone system, whether this should be 6 per cent, 8 per cent, or even 10 per cent.

Respectfully submitted,

C. L. CORY.

AMENDMENTS TO BILL.

Bill No. 515 came up on the question of passage to print on May 18th, and E. S. Pillsbury, attorney for the Pacific Telephone and Telegraph Company, addressed the Board.

Thereupon, Supervisor Pollok submitted the following amendments:

1. That the Committee's reductions of the company's estimated value of its properties be cut in half.
2. That the clause compelling company to furnish telephonic service within sixty days be stricken out.
3. That the clause compelling company to publish four instead of three telephone directories each year be stricken out.
4. That the provision authorizing subscribers to employ their own operators for private exchanges be stricken out.

Whereupon, the question was taken on each amendment as proposed with the following result:

Amendment 1. That the Committee's reductions of the company's estimated values of its properties be cut in half.

Amendment lost by the following vote:

Ayes—Supervisors Broderick, Center, Comte, Hocks, Murdock, Pollok, Rixford—7.

Noes—Supervisors Bancroft, Giannini, Jennings, Johnston, McAllister, McLeran, Murphy—7.

Absent—Supervisors Booth, Payot, Sachs, Stafford—4.

Amendment 2. That the clause compelling company to furnish telephonic service within sixty days from time of application be stricken out.

Amendment carried by the following vote:

Ayes—Supervisors Broderick, Center, Comte, Hocks, Jennings, Johnston, McLeran, Pollok, Rixford—9.

Noes—Supervisors Bancroft, Giannini, McAllister, Murdock, Murphy—5.

Absent—Supervisors Booth, Payot, Sachs, Stafford—4.

Amendment No. 3. That clause compelling company to publish four instead of three directories each year be stricken out.

Amendment carried by the following vote:

Ayes—Supervisors Broderick, Center, Comte, Hocks, Jennings, Johnston, McLeran, Murdock, Pollok—9.

Noes—Supervisors Bancroft, Giannini, McAllister, Rixford, Murphy—5.

Absent—Supervisors Booth, Payot, Sachs, Stafford—4.

Amendment 4. That provision authorizing subscribers to employ their own operators for private exchanges be stricken out.

Amendment carried by the following vote:

Ayes—Supervisors Broderick, Comte, Hocks, Jennings, McAllister, Murdock, Pollok, Rixford—8.

Noes—Supervisors Bancroft, Center, Giannini, Johnston, McLeran, Murphy—6.

Absent—Supervisors Booth, Payot, Sachs, Stafford—4.

Thereupon, the question being taken on Bill No. 515, as amended the same was refused passage by the following vote:

Ayes—Supervisors Bancroft, Broderick, Giannini, Jennings, Johnston, McAllister, Murphy—7.

Noes—Supervisors Center, Comte, Hocks, McLeran, Murdock, Pollok, Rixford—7.

Absent—Supervisors Booth, Payot, Sachs, Stafford—4.

Before the announcement of the result on the vote of the foregoing bill, Supervisor Murphy changed his vote from aye to no, and gave notice that at the next legislative session of the Board he would move the reconsideration of the vote whereby Bill 515 was refused passage to print.

BILL RECONSIDERED AND FURTHER AMENDED.

On May 25th the refusal to pass said bill to print was reconsidered by a unanimous vote.

Thereupon, the following amendments were presented:

Supervisor McLeran moved to amend Section 2 of the bill by adding thereto a paragraph reading as follows:

“No restrictions shall be placed by any company, person or corporation supplying telephonic service, upon the right of subscribers to employ operators, provided that any operator or substitute operator to be employed and paid by the subscriber shall conform to the reasonable rules and regulations pertaining to the service of such person, company or corporation.”

Amendment carried by the following vote:

Ayes—Supervisors Bancroft, Booth, Broderick, Center, Comte, Giannini, Hocks, Johnston, McAllister, McLeran, Murdock, Murphy, Payot, Pollok, Rixford—15.

No—Supervisor Jennings—1.

Absent—Supervisors Sachs, Stafford—2.

Supervisor Johnston moved to amend Section 2 of the bill by adding thereto a paragraph reading as follows:

“Upon the application in writing of the owner or occupant of any building or premises distant not more than 300 feet from any underground conduit or pole line of the person, company or corporation furnishing telephonic service, and payment by the applicant of all money due from him, the person, company or corporation must within thirty days supply telephonic service as required for such building or premises and cannot refuse on the ground of any indebtedness of any former owner or occupant thereof, unless the applicant has undertaken to pay the same.”

Amendment carried by the following vote:

Ayes—Supervisors Bancroft, Booth, Broderick, Center, Comte, Giannini, Hocks, Jennings, Johnston, McAllister, McLeran, Murdock, Murphy, Payot, Pollok, Rixford—16.

Absent—Supervisors Sachs, Stafford—2.

Supervisor McAllister moved to amend Section 2 of the bill by adding thereto a paragraph reading as follows:

“It shall be the duty of the telephone company to advise its subscribers by written notice if it is found that for three consecutive months the schedule charged is higher than the number of contract switches shown. Said notice to state:

“1. The rate charged.

“2. The number of contract switches.

“3. The number of excess switches.

“4. Advise as to average number of monthly switches.

“5. Advise as to what proper schedule subscriber should be under.

“The Telephone Company shall also print on the reverse side of their billheads their schedules, showing the various grades of monthly rental, contract switching and excess switching so the same can easily be understood by their subscribers.”

Amendment carried by the following vote:

Ayes—Supervisors Bancroft, Booth, Broderick, Center, Comte, Giannini, Hocks, Jennings, Johnston, McAllister, McLeran, Murdock, Murphy, Payot, Pollok, Rixford—16.

Absent—Supervisors Sachs, Stafford—2.

Supervisor Pollok moved that the Committee's recommendations as to estimated decreases in revenue under the proposed bill be reduced one-half.

Motion lost by the following vote:

Ayes—Supervisors Broderick, Comte, McAllister, Murdock, Pollok—5.

Noes—Supervisors Bancroft, Booth, Center, Giannini, Hocks, Jennings, Johnston, McLeran, Murphy, Payot, Rixford—11.

Absent—Supervisors Sachs, Stafford—2.

Whereupon Bill No. 525 as amended, was passed for printing by the following vote:

Ayes—Supervisors Bancroft, Booth, Broderick, Center, Comte, Giannini, Hocks, Jennings, Johnston, McLeran, Murdock, Murphy, Payot, Pollok, Rixford—15.

No—Supervisor McAllister—1.

Absent—Supervisors Sachs, Stafford—2.

On June 8th, Supervisor Murphy presented the following amendments and moved their adoption:

Amend Section 1 of the bill as follows:

In place of “for each additional telephone installed in hotels connected with the private exchange therein, a sum not to exceed 25 cents per month” insert, “for each additional telephone installed in hotels and connected with the private exchange therein:

“Fifty cents per month each for the first 100 telephones or less.

“Forty-five cents per month each for telephones over 100 and not over 150.

“Forty cents per month each for telephones over 150 and not over 200.

“Thirty-five cents per month each for telephones over 200 and not over 300.

“Twenty-five cents per month each for telephones over 300.

“For each desk set in place of wall set, 10 cents per month in addition to the above rates.”

Insert after, “not to exceed 1½ cents per switch,” “except that in case of hotels the charge shall not exceed 2½ cents for each and every exchange switch.”

Amendments carried.

TELEPHONE RATES

PASSAGE TO PRINT.

Whereupon, Bill No. 515 (New Series), as amended, was passed for printing by the following vote:

Ayes—Supervisors Bancroft, Booth, Broderick, Center, Comte, Connolly, D'Ancona, Giannini, Hocks, Jennings, Johnston, McAllister, McLeran, Murdock, Murphy, Payot, Pollok, Rixford—18.

FINAL PASSAGE.

On June 15th 1908, Bill No. 515 was finally passed and approved on June 16th. The Ordinance is as follows:

BILL NO. 515. ORDINANCE NO. 474.

(New Series.)

Fixing and determining the maximum rates or compensation to be collected for telephonic service in the City and County of San Francisco for the year commencing July 1, 1908, and ending June 30, 1909, and prescribing the quality of said telephonic service during said year.

Be it ordained by the People of the City and County of San Francisco as follows:

Section 1. The maximum rates or compensation to be collected by any person, company or corporation for telephonic service supplied to the City and County of San Francisco, or to the inhabitants thereof, for the year commencing July 1, 1908, and ending June 30, 1909, shall be as follows:

BUSINESS AND PROFESSIONAL RATES.

The following maximum charges shall be made for business or professional measured service:

For a single party line telephone, business or professional, including 42 exchange switches, \$5.00 per month, and for all exchange switches in excess of the number included in this rate a sum not to exceed 5 cents each.

For a single party line telephone, business or professional, including 125 exchange switches, \$9.15 per month, and for all exchange switches in excess of the number included in this rate a sum not to exceed 4 cents each.

For a single party line telephone, business or professional, including 209 exchange switches, \$12.47 per month, and for all exchange switches in excess of the number included in this rate, a sum not to exceed 3 cents each.

For a single party line telephone, business or professional, including 292 exchange switches, \$15.00 per month, and for all exchange switches in excess of the number included in this rate a sum not to exceed 2½ cents each.

For a single party line telephone, business or professional, including 500 exchange switches, \$17.48 per month, and for all exchange switches in excess of the number included in this rate a sum not to exceed 2 cents each.

For a single party line telephone, business or professional, including 667 exchange switches, \$19.57 per month, and for all exchange switches in excess of the number included in this rate a sum not to exceed 1½ cents each.

BUSINESS OR PROFESSIONAL SERVICE, WITH COIN COLLECTING
ATTACHMENT.

The following maximum charges shall be made for business or professional measured service with coin or token collecting attachment:

For a single party line telephone, business or professional, including 60 exchange switches, \$5.50 per month, and for all exchange switches in excess of the number included in this rate a sum not to exceed 5 cents each.

For a two party line telephone, business or professional, including 60 exchange switches, \$4.50 per month, and for all exchange switches in excess of the number included in this rate a sum not to exceed 5 cents each.

For a two party line telephone, business or professional, including four exchange switches per day, 20 cents per day, and for all exchange switches in excess of the number included in this rate a sum not to exceed 5 cents each.

For a four party line telephone, business or professional, including two exchange switches per day, 10 cents per day, and for all exchange switches in excess of the number included in this rate a sum not to exceed 5 cents each.

For a four party line telephone, business or professional, \$1.00 per month, and for each exchange switch a sum not to exceed 5 cents.

EXTENSION TELEPHONES.

For each extension telephone on a business or professional line the maximum charge shall be a sum not to exceed 50 cents per month.

PRIVATE BRANCH EXCHANGE AND EXTENSION SERVICE.

The following charges shall be made for private branch exchanges and for extension telephones connected with said exchanges and equipped and installed:

Monthly Rental Rates.—For each switchboard and operator telephone, a sum not to exceed \$5.00 per month.

For each trunk line connecting a private exchange with the telephone company exchange, a sum not to exceed \$2.50 per month.

For each additional telephone connected with a private exchange and installed in the same premises (except in hotels), a sum not to exceed 50 cents per month.

For each additional telephone installed in hotels and connected with the private exchange therein:

Fifty cents per month each for the first 100 telephones or less.

Forty-five cents per month each for telephones over 100 and not over 150.

Forty cents per month each for telephones over 150 and not over 200.

Thirty-five cents per month each for telephones over 200 and not over 300.

Twenty-five cents per month each for telephones over 300.

For each desk set in place of wall set, 10 cents per month in addition to the above rates.

Monthly Switching Rates.—For exchange switching over trunk lines of private branch exchanges, a sum not to exceed 2½ cents per month for the first one thousand exchange switches, or less, made in any one month; for the second and third thousand exchange switches, or less, made in any one month, a sum not to exceed 2 cents per switch; and for all exchange switches in excess of three thousand made in any one month, a sum not to exceed 1½ cents each per switch, except that in the case of hotels, the charge shall not exceed 2½ cents for each and every exchange switch.

TELEPHONE RATES

PUBLIC TELEPHONE SERVICE.

The charge for a single exchange switch from any telephone located in the City and County shall not exceed 5 cents and all persons, companies or corporations engaged in the business of supplying telephonic service in the City and County are hereby expressly forbidden to authorize or permit any of their lessees, subscribers or patrons to charge any person more than the rate above prescribed.

RESIDENCE RATES—UNLIMITED EXCHANGE SWITCHING.

The following maximum charges shall be made for residence flat rate service:

For a single party line residence telephone, including unlimited exchange switching, \$4.00 per month.

For a two party line residence telephone, including unlimited exchange switching, \$3.50 per month.

For a four party line residence telephone, including unlimited exchange switching, \$2.50 per month.

RESIDENCE SERVICE WITH COIN COLLECTING ATTACHMENT.

The following maximum charges shall be made for residence measured service with coin or token collecting attachment:

For a two party line residence telephone, including two exchange switches per day, 10 cents per day, and for all exchange switches in excess of the number included in this rate a sum not to exceed 5 cents each.

For a four party line residence telephone, including one exchange switch per day, 5 cents per day, and for all exchange switches in excess of the number included in this rate, a sum not to exceed 5 cents each.

EXTENSION TELEPHONES.

For each extension telephone on a residence telephone line the maximum charge shall be a sum not to exceed 50 cents per month.

NAMES IN TELEPHONE DIRECTORY.

Any person, company or corporation supplying telephonic service in this City and County shall at least three times a year furnish free of charge, to each subscriber, a complete directory of all subscribers in San Francisco, and an additional copy of said directory for each extension telephone; provided, however, that for every name listed in said directory under the telephone number of a subscriber, in excess of the number of main and extension telephones installed on the premises of the subscriber, a sum not to exceed 25 cents per month for each such name shall be charged.

PRIVATE LINES.

The following maximum charges shall be made for private telephones and lines not connected with a telephone exchange:

For private line telephones, a sum not to exceed 50 cents per month each.

For private lines, a sum not to exceed \$2.50 per mile per month.

QUALITY OF SERVICE.

Section 2. The term "telephone" as used in this Ordinance is hereby defined to mean both a transmitter and a receiver. It shall be optional with the person demanding telephonic service to elect to take or use either portable or stationary telephonic apparatus and it shall be the duty of the person, company or corporation supplying telephonic service in the City and County to furnish such apparatus without additional cost, except as in this Ordinance provided.

The term "exchange switch," as used in this Ordinance, is hereby defined to mean an availing call, that is to say, a call whereby an outgoing conversation or message is transmitted from one telephone station within the City and County and received at another telephone station within the City and County.

No switching charge shall be made for an unavailing call, and when a nickel or token is deposited in the coin collecting attachment for an unavailing call the same shall be returned to the person by whom it was deposited. Single conversations on party lines shall not exceed five minutes.

Upon the application in writing of the owner or occupant of any building or premises distant not more than three hundred feet from any underground conduit or pole line of the person, company or corporation furnishing telephonic service, and payment by the applicant of all money due from him, the person, company or corporation must within thirty days supply telephonic service as required for such building or premises, and cannot refuse on the ground of any indebtedness of any former owner or occupant thereof, unless the applicant has undertaken to pay the same.

No restriction shall be placed by any company, person or corporation supplying telephonic service upon the right of subscribers to employ operators, provided that any operator or substitute operator to be employed and paid by the subscriber shall conform to the reasonable rules and regulations pertaining to the service of such person, company or corporation.

It shall be the duty of the telephone company to advise their subscribers by written notice if it is found that for three consecutive months the schedule charged is higher than the number of contract switches shown. Said notice to state:

1. The rate charged.
2. The number of contract switches.
3. The number of excess switches.
4. Advice as to average number monthly switches.
5. Advice as to what proper schedule subscriber should be under.

The Telephone Company shall also print on the reverse side of their billheads their schedules, showing the various grades of monthly rental, contract switching and excess switching, so the same can easily be understood by their subscribers.

Upon demand of any person, company or corporation using business or professional measured telephonic service (excepting prepayment service) every person, company or corporation supplying telephonic service within the City and County shall install and maintain in connection with each such measured service line, a meter which shall prove effective in actual use for accurately and correctly recording the number of outgoing messages and conversations over said line, and said meter shall be subject to inspection at all reasonable times by the subscriber upon whose line the same is installed.

Section 3. Any person, company or corporation, or any officer or agent of any person, company or corporation, violating any of the provisions of this Ordinance shall be deemed guilty of a misdemeanor, and upon conviction thereof shall be punished by a fine not exceeding five hundred (\$500) dollars, or by imprisonment not exceeding six (6) months, or by both such fine and imprison-

ment, and such person, company or corporation, or officer or agent of any such person, company or corporation, shall be guilty of a separate offense for every day that such violation shall continue, and shall be subject to the penalty imposed by this section for each and every separate offense.

Section 4. This Ordinance shall take effect and be in force from and after July 1, 1908.

In the Board of Supervisors, San Francisco, June 15, 1908.

After having been published five successive days, according to law, taken up and finally passed by the following vote:

Ayes—Supervisors Bancroft, Broderick, Center, Comte, D'Ancona, Giannini, Hocks, Jennings, Johnston, McLeran, Murdock Murphy, Payot, Pollok, Rixford.

No—Supervisor McAllister.

Absent—Supervisors Booth, Connolly.

JOHN E. BEHAN, Clerk.

Approved, San Francisco, June 16, 1908.

EDWARD R. TAYLOR,
Mayor and ex-officio President of the Board of Supervisors.

Parkside Transit Company's Franchise

Proceedings of the Board of Supervisors Relating to Parkside Transit Company's Street Railway Franchise.

Proceedings in the matter of the grant of a franchise, for a term of twenty-five years, to the Parkside Transit Company, to construct and operate a street railroad along certain streets in that section of the Sunset District commonly known as Parkside, were initiated on January 8, 1906, on which date the said named company filed with the Board of Supervisors an application for the sale of said franchise to the highest bidder.

DETERMINATION TO GRANT FRANCHISE.

The Board of Supervisors passed to print on March 19, 1906, finally passed March 26, 1906, and his Honor the Mayor, on the last named date, approved Resolution No. 7161, determining to grant a franchise for a term of twenty-five years for a street railway in accordance with the application of the Parkside Transit Company, filed January 8, 1906, and subject to Charter requirements, along the following described route, to wit:

Commencing at the intersection of Ocean avenue and Corbett avenue; thence northerly along Corbett avenue and through private property to Sixteenth avenue; thence continuing in a northerly direction along and upon Sixteen avenue to "T" street; thence curving into "T" street and westerly along "T" street to Thirty-third avenue; thence curving into Thirty-third avenue and southerly along Thirty-third avenue to "W" street; thence curving into "W" street and westerly along "W" street to its intersection with the Great Highway; and, also,

Commencing at the southerly end of Sixteenth avenue, there connecting with the track or tracks laid or to be laid by petitioner on Sixteenth avenue; thence southerly along Sixteenth avenue, when extended, to and across Ocean avenue; and, also,

Commencing at the intersection of Twentieth avenue and "T" street, there connecting with the tracks laid or to be laid by grantee upon "T" street; thence northerly along Twentieth avenue to and across "H" street.

NOTICE OF SALE OF FRANCHISE.

In accordance with Resolution No. 7161, a Notice of Sale of Franchise for said street railway was published ten times, commencing April 3, 1906, in the official newspaper. The said notice recited that bids were to be filed with the Board of Supervisors not later than Saturday May 5, 1906, at the hour of 12 M., said bids to be opened by the Board of Supervisors, in regular session, Monday, May 7, 1906, at 8 P. M., and said franchise to be then awarded to the highest bidder therefor.

NEW APPLICATION FOR FRANCHISE.

The proceedings in the matter of the grant of a street railway franchise under the application of the Parkside Transit Company were interrupted by the great fire of April, 1906. Proceedings were again initiated under a new

application of the Parkside Transit Company for a street railway franchise, filed with the Board of Supervisors on October 22, 1906. The said Board, on October 25, 1906, referred said application to the Public Utilities Committee.

RESOLUTION DETERMINING TO GRANT STREET RAILWAY FRANCHISE
IN PARKSIDE DISTRICT.

The following is a copy of the Resolution passed by the Board of Supervisors in accordance with the recommendation of the Public Utilities Committee, filed November 12, 1906, and determining to grant a street railway franchise under the application of the Parkside Transit Company:

RESOLUTION NO. 539.

(New Series.)

Whereas, Application has been made to the Board of Supervisors of the City and County of San Francisco by the Parkside Transit Company (a railway corporation) through petition filed October 22, 1906, for a franchise for a term of twenty-five (25) years, to construct, lay down and operate a single or a double track street railroad, with all the necessary branches, sidetracks, turnouts, switches, crossings, curves, connections, spur tracks, yard tracks, depot tracks, terminal tracks and facilities, over and along the following described route, to wit:

Commencing in Ocean avenue opposite the southerly termination of Corbett avenue, thence through private property to Nineteenth avenue; thence across Nineteenth avenue at a point approximately nine hundred and ninety-six (996) feet southerly from the south line of W street, as laid down on the official map of the City and County of San Francisco; thence through private property in a general westerly direction to what would be the line of Market street, if extended; thence along Market street to its westerly terminus; thence through private property in a general northwesterly direction to the easterly line of the Great Highway.

Commencing on W street at the easterly line of the Great Highway; thence easterly along W street to Forty-sixth avenue; thence curving into Forty-sixth avenue; thence southerly along Forty-sixth avenue; thence connecting with the track or tracks laid or to be laid by petitioner.

Commencing at the southerly line of Ocean avenue, where said southerly line of Ocean avenue is intersected by the westerly line of Corbett avenue; thence northerly across Ocean avenue, there connecting with the track or tracks laid or to be laid by petitioner, from the intersection of Ocean avenue and Corbett avenue.

Commencing at the intersection of the easterly line of Twelfth avenue and T street; thence westerly along T street to Thirty-third avenue; thence curving into Thirty-third avenue, and southerly along Thirty-third avenue to V street; thence curving into V street; thence westerly on V street to Thirty-fifth avenue; thence curving into Thirty-fifth avenue; thence southerly along Thirty-fifth avenue to its southerly terminus; thence across private property, connecting with the track or tracks laid or to be laid by petitioner on private property.

Commencing on Nineteenth avenue at a point approximately nine hundred and ninety-six (996) feet southerly from the south line of W street, as laid down upon the official map of the City and County of San Francisco; thence northerly along Nineteenth avenue to and across H street.

And whereas, It appears to this Board that the public interest will be subserved by the grant of such franchise; therefore,

Resolved, That this Board grant said franchise as a whole, after due advertisement and offer for sale, in the manner and subject to the conditions and restrictions provided in the Charter of the City and County of San Francisco, with particular reference to the following subdivisions and sections of Chapter II, Article 2, of said Charter, relating to the powers of the Board of Supervisors, to wit:

Subdivision 2 and Subdivision 27, as amended February 5, 1903, of Section 1 thereof, and Section 6 thereof.

Provided further, that the grantee operating under said franchise shall be required to pave the space between the rails and for two feet each side thereof, and between the tracks if there be more than one, upon the streets whereon said tracks are to be laid, and to keep the same in good condition and repair under the supervision and to the satisfaction of the Board of Public Works of the City and County; also,

That such street railroads operating under different managements, as the Board of Supervisors may permit, or the City and County itself, in the operation of a municipal railroad, shall have the privilege of using said tracks for a distance not exceeding ten (10) consecutive blocks, for the purpose of securing equal terminal facilities, upon condition that the expense of construction and repair of the tracks and appurtenances used by said railways jointly, be equitably divided between the respective owners; also,

That the grantee operating under this franchise must pay to the City and County as a license upon each car such sum as the Board of Supervisors may fix; provided, however, that such sum shall not exceed fifty (\$50) dollars per annum, nor be less than fifteen (\$15) dollars per annum; also,

That as a condition precedent to the sale and granting of this franchise, the grantee thereunder shall permit and allow all firemen and policemen of the City and County of San Francisco at all times, and all mail carriers in the employ of the United States Government, while engaged in the actual discharge of duty, to ride on the cars of such company without paying any sum of money whatever for fare or otherwise; also,

That the bidder for said franchise shall file with his bid a good and sufficient bond in the penal sum of ten thousand (\$10,000) dollars, with sureties thereon satisfactory to the Mayor of the City and County, conditioned that the bidder shall well and truly observe and perform the conditions of the franchise for which application is made, in the case the same is awarded to him, and that in case of breach of any of the conditions of such bond, the whole of the penal sum of ten thousand (\$10,000) dollars shall be taken to be liquidated damages; also,

That the successful bidder for this franchise shall pay all charges for advertising in the official newspaper of this Resolution, of the Notice of Sale, and of the Ordinance granting said franchise.

Further Resolved, That the Clerk of this Board be and he is hereby authorized, empowered and directed to advertise for sealed proposals, or bids, for the sale of this franchise, in accordance with the provisions of the Charter, and with the terms of this resolution as hereinbefore expressed, said bids to be filed with the Clerk not later than 12 M. Saturday, December 29, 1906, and Monday, December 31, 1906, at the hour of 3 P. M., is hereby fixed as the hour and date for the opening of said proposals, or bids, and for the awarding of said franchise.

The Board of Supervisors reserves the right to reject any and all bids if they believe the public interest will be subserved thereby.

In Board of Supervisors, San Francisco, November 19, 1906.

After having been published five consecutive days, according to law, taken up and finally passed by the following vote:

1168 PARKSIDE TRANSIT COMPANY'S FRANCHISE

Ayes—Supervisors Boxton, Coleman, Davis, Furey, Gallagher, Harrigan, Lonergan, Mamloek, McGushin, Nicholas, Phillips, Rea, Walsh, Wilson.

Absent—Supervisors Coffey, Kelly, Sanderson.

GEO. B. KEANE, Clerk.

Approved, San Francisco, November 20, 1906.

JAMES L. GALLAGHER,

Mayor and ex-Officio President of the Board of Supervisors.

NOTICE OF SALE OF FRANCHISE.

In accordance with the provisions of Resolution No. 539 (New Series), a Notice of Sale of Franchise was published in the official newspaper ten times, commencing November 28, 1906, said notice reciting that bids for the franchise described therein would be received at the office of the Clerk of the Board of Supervisors up to the hour of 12 M., Saturday, December 29, 1906, said bids to be opened by the Board of Supervisors in regular session on Monday, December 31, 1906, at 3 P. M., and said franchise to be then awarded to the highest bidder. The said notice was accompanied by the draft of an ordinance providing for the grant of a franchise in accordance with the conditions imposed in Resolution No. 539 (New Series).

JOURNAL OF PROCEEDING OF THE BOARD OF SUPERVISORS
RELATIVE TO PARKSIDE TRANSIT COMPANY'S STREET
RAILWAY FRANCHISE, DECEMBER 31, 1906.

The bid of the Parkside Transit Company for a street railroad franchise was opened and read, being as follows:

San Francisco, December 27, 1906.

To the Honorable the Board of Supervisors of the City and County of San Francisco, and George B. Keane, Esq., Clerk of said Board, San Francisco, California.

Sirs:—In accordance with the provisions of Resolution No. 539 (New Series), passed November 19, 1906, and approved November 20, 1906, and that certain Notice of Sale, entitled, "Notice—Street Railroad Franchise for Sale," and in compliance with the provisions of the Charter of the City and County of San Francisco, the undersigned hereby bids the following percentage for said franchise in said Resolution set forth and described, to-wit:

Three (3) percentum of the gross receipts accruing thereunder during the first five years for which the said franchise is granted.

Four (4) percentum of said gross receipts during the next succeeding ten years, and

Five (5) percentum of said gross receipts during the next succeeding ten years.

We enclose herewith a bond in the penal sum of ten thousand (\$10,000) dollars conditioned that we shall well and truly perform the conditions set forth and defined in Resolution No. 539 (New Series), and upon which said franchise is to be granted.

Yours truly,

PARKSIDE TRANSIT COMPANY,

By J. E. GREEN, President.

By G. A. NICHOLLS, Assistant Secretary.

Adopted.

ACCEPTING BID OF PARKSIDE TRANSIT COMPANY AND AWARDING
FRANCHISE.

Thereupon the following Resolution was introduced, to-wit:

Resolved, That the bid of the Parkside Transit Company, a railway corporation, accompanied by an appropriate bond heretofore filed, for the purchase of the street railway franchise heretofore advertised for sale by the Clerk of this Board, in accordance with the provisions of Resolution No. 539 (New Series), wherein said Parkside Transit Company bids three (3) per cent of the gross receipts of such railroad for the first five (5) years of the period for which said franchise is to be granted; four (4) per cent of the gross receipts during the next succeeding ten (10) years, and five (5) per cent of the gross receipts during the next succeeding ten (10) years, and agrees to take the same in accordance with the conditions in said Resolution No. 539 (New Series), set forth and imposed, be, and the same is hereby accepted; and said franchise so described in Resolution No. 539 (New Series), be and the same is hereby struck off, sold and awarded to the Parkside Transit Company, a corporation, said corporation being the highest bidder therefor.

Adopted, as Resolution No. 648 (New Series) by the following vote:

Ayes—Supervisors Boxtton, Coleman, Davis, Furey, Gallagher, Lonergan, Mamlock, McGushin, Nicholas, Rea, Walsh, Wilson—12.

The foregoing Resolution was approved by His Honor, the Mayor, January 11, 1907.

PASSED FOR PRINTING.

GRANTING FRANCHISE TO PARKSIDE TRANSIT COMPANY.

Thereupon, Bill No. 137, Ordinance No. — (New Series), entitled, "Granting to Parkside Transit Company, a railway corporation, a franchise for a right of way, and the right to construct, maintain and operate a single or double track railroad, together with all necessary branches, side tracks, turn-outs, switches, curves, crossings, depot and terminal tracks, and facilities along, over, under and across certain streets in the City and County of San Francisco," was passed for printing by the following vote:

Ayes—Supervisors Boxtton, Coleman, Davis, Furey, Gallagher, Lonergan, Mamlock, McGushin, Nicholas, Rea, Walsh, Wilson—12.

ACTION ON FRANCHISE POSTPONED.

Bill No. 137 Ordinance No. — (New Series), was published in the official newspaper five times, commencing January 3, 1907, and was taken up on final passage by the Board of Supervisors at its session of April 8, 1907, ninety days having elapsed since the introduction of said Bill, but action thereon was postponed at said session and from time to time at sessions subsequent thereto.

Protests were made by E. P. E. Troy and the Carmen's Union against the passage of the Bill in its present form, the principal objections being that no provision was made therein for the City taking over the road, nor for an eight-hour day for employees. With respect to the latter matters, attention is called to the fact that when the proposed franchise was first considered by the Supervisors, the Parkside Transit Company officials stated that they would give a bonus of \$ 00,000 to any person or company who would construct the road, and also stated that if a condition was inserted in the grant for the City taking over the road, it would be impossible for the Parkside Transit Company to bid, in as much as the United Railroads of San Francisco would refuse them reciprocal transfer privileges.

PERSONNEL OF BOARD OF SUPERVISORS CHANGED.

In July, 1907, the personnel of the Board of Supervisors was changed as the result of the resignation of sixteen of the incumbent members thereof, and the appointment of their successors by His Honor, Mayor Edward R. Taylor.

On September 10, 1907, the matter of the Parkside Transit Company's franchise was taken up, as appears from the Journal of Proceedings of the Board of Supervisors of that date relating thereto, being as follows, to-wit:

MAJORITY REPORT OF PUBLIC UTILITIES COMMITTEE AGAINST PARKSIDE FRANCHISE.

San Francisco, September 9, 1907.

To the Honorable Board of Supervisors,
Of the City and County of San Francisco.

Gentlemen:—Your Committee on Public Utilities to which was referred the application for a street railway franchise for the Parkside District, together with petitions and protests relating thereto, begs leave to report thereon as follows:

The bill granting the Parkside franchise is now before your honorable body for final passage.

It is claimed that the establishment of this street railway would open up a large and attractive section of the City for residential purposes, would add to the assessed valuation, and increase the material prosperity of the City. Your committee recognizes this, but deems the preservation of public honor more important than material prosperity and believes that material prosperity itself cannot endure unless associated with decency and honor in the conduct of public business.

According to confessions publicly made by the officials who passed to print the Bill now under consideration, and according to testimony given before the Grand Jury, the early stages of the Parkside franchise matter were tainted with bribery and official corruption. Your honorable body, by finally passing this Bill, would ratify acts of corruption and betrayal of a public trust. For these reasons, if there were no others, your committee would recommend that Bill No. —, granting the Parkside franchise, be denied final passage.

If it be claimed that there was no direct bribery, but only yielding to extortion, the answer is that the applicants should have postponed the attempt to turn the Parkside District into City lots and to build a street railway until such time as the enterprise could be accomplished honorably and without contaminating the stream of public life.

Although your committee bases its adverse report primarily upon the reasons above given, there are many objections to the terms of the franchise considered solely upon its merits. (1) It requires the abandonment of the picturesque Ocean Road. (2) It requires also the relinquishment of Nineteenth avenue as a boulevard. If this should be done at all, it certainly should not be allowed until the new boulevard on Twentieth avenue is completed and accepted by the City. The committee considers that it should not be done at all and that Nineteenth avenue should be kept as a boulevard on account of its relation to the new road from Ocean avenue to San Mateo. (3) The gauge of the road is not specified. By a slight change in the gauge the grantee could prevent any other company or the City from running cars over any portion of the road as expressly provided for in subdivision 5 of Section 3. (4) There is no provision requiring the consent of the City as a condition precedent to the assignment of the franchise. If another company were to obtain this franchise by assignment, it could juggle the gross receipts in such a way that the percentage to be paid the

City might be materially reduced. (5) Considering that the beneficiary of this franchise was ready to pay the head of a political organization several thousands of dollars for his assistance in obtaining the franchise, it would be fair for the City to require that the company pay the expenses of keeping one of the streets, say Nineteenth avenue, in repair for its entire length from curb to curb. (6) In the interests of industrial peace the City might also consider the advisability of requiring submission to arbitration of all disagreements between the company and its employees. (7) The City might also determine from now on to require the insertion in all street railway franchises of a condition whereby the beneficiary shall agree to allow the City to purchase the plant at a reasonable valuation. This would preserve the City's interests, would enable the City to obtain the profits accruing from its own growth and would prevent the evils of over-capitalization.

Respectfully submitted,

A. A. D'ANCONA.
 JAMES P. BOOTH.

JOURNAL OF PROCEEDINGS OF THE BOARD OF SUPERVISORS RELATING TO THE PARKSIDE FRANCHISE, SEPTEMBER 16, 1907.

MINORITY REPORT OF PUBLIC UTILITIES COMMITTEE IN FAVOR OF GRANTING PARKSIDE TRANSIT COMPANY'S FRANCHISE.

San Francisco, September 16, 1907.

To the Honorable Board of Supervisors,
 Of the City and County of San Francisco.

Gentlemen:—At your last session a report on the application for a street railway franchise for the Parkside District was made by your Majority Committee on Public Utilities. The undersigned, constituting the minority of said committee, stated to your Honorable Board that he did not have an opportunity to be present at any of the meetings when the said matter was considered by the Public Utilities Committee, and, as his views differed, in some respects, from those of the majority of said Committee, if given an opportunity, would present a minority report at your next meeting to take place this day. In accordance to said statement, the minority of your Committee on Public Utilities begs leave to report as follows:

The principal reason given by the majority of your committee for denial of final passage of Bill —, granting the Parkside franchise, was that, "According to confessions publicly made by the officials who passed to print the Bill now under consideration and according to testimony given before the Grand Jury, the early stages of the Parkside franchise matter were tainted with bribery and official corruption. Your honorable body by finally passing this Bill would ratify acts of corruption and betrayal of public trust."

I am sure that every member of your honorable body agrees with your committee: "That the preservation of public honor is more important than material prosperity, and that material prosperity cannot endure unless associated with decency and honor in the conduct of public business."

Without intending to enter into a discussion of such a delicate matter, which, after all, must be left to the conscience of each individual member, in as far as the above moral precepts apply to the granting of this franchise, the minority of your committee will venture the following remarks: The matter of whether or not bribery was committed in obtaining the preliminary passage of the proposed franchise is now in the hands of a vigorous prosecution and

before a competent court of justice. It is the belief of the minority of your committee that it would be improper for your honorable body to offer an opinion, implied or expressed, on the subject. If such bribery occurred, it is certain that due punishment will be inflicted on the transgressors.

The matter that according to public confessions made by the officials who passed to print the Bill now under consideration, corruption was practiced for the passage of said Bill and for that reason said franchise should be denied final passage; it is the opinion of the minority of your committee that the said corruption did not taint the merits of the subject-matter of the franchise itself, and it should be considered on its merits and for the best interests of the City. It is further believed that, as long as your honorable body keeps upright, just and clean, no fear should be apprehended of any taint of contagion from the corruption of some members of the late Board of Supervisors.

The minority of your committee, not desiring to enlarge any more on the above subject, will consider the merits of the proposed franchise.

The granting of such franchise by your honorable body would open up a new and important district of the City; it would convert a waste and sandy place into streets and avenues and cause the erection of numerous homes for families which, necessarily, will have to leave the City unless accommodations with attractive quarters will be offered them. It would give needed transportation to the present residents of that district, who are innocent of any wrongdoing and to whom the withdrawal or postponement of granting this franchise would inflict a great hardship; it would increase the taxable property of the City, thereby helping to defray the expenses of its government; in a word, it would benefit all citizens and injure none, and would comply with the wishes of the majority of the people of San Francisco, as attested by numerous petitions presented to your Honorable Board.

After careful investigation, the minority of your committee has found that the proposed Parkside franchise was duly advertised and all conditions of the law and the Charter complied with; that it contains the ordinary clauses and the guarantees for their enforcement of similar franchises, and therefore its passage to final approval should be immediate.

Should your honorable body determine on a policy of enmity to public utilities and enterprises, or burden them with all that corporations will bear, the minority of your committee dares to foretell that the stream of the life of this City would soon run dry and the prosperity and industries now in existence soon be destroyed.

To answer the specific objections to the terms of the franchise, mentioned by the majority of your committee, the minority cannot do better than to refer your honorable body to the appended communication of the "Sunset District Improvement Club," the contents of which have been corroborated by the minority of your committee and fully endorsed by it.

Respectfully submitted,

E. J. MOLERA.

Member of the Committee on Public Utilities of
the Board of Supervisors of the City and
County of San Francisco.

SUNSET DISTRICT IMPROVEMENT CLUB.

San Francisco, September 13, 1907.

To the Honorable Board of Supervisors,
Of the City and County of San Francisco.

Gentlemen:—The majority report of your Committee on Public Utilities on the granting of street railway franchise through the Sunset District has received our careful consideration, and we respectfully present our reply thereto.

The benefits to be derived through the establishment of the proposed railway and the necessity and urgency therefor is admitted, as well as the general good which would result to the City at large.

While we admit, and are certainly ourselves concerned in the preservation of the public honor as a matter of prime importance, it is also true that the prosperity and independence of the masses and classes of our citizens is one of the greatest factors in the maintenance of such honor. Poverty and excessive hardship among large numbers of a community has never preserved or maintained civic pride and honor, but has tended to debase and destroy those virtues.

Continued delay, or denial, of the franchise in question can only produce poverty and hardship for many of our citizens, particularly under our present strained conditions.

Furthermore, we do not believe that the destruction of material prosperity in the Sunset District, and the suffering of thousands of innocent owners and citizens because of an unfortunate situation for which we are not to blame, should be made the only object lesson to the world through the action of our legislative body. There is no reason to doubt the ability of our Courts to fully preserve our public honor and serve the cause of justice.

The penalizing of your innocent petitioners is a remedy that never appeared in any statute for enforcement by a Court of law.

Your petitioners who are now asking the granting of this franchise were as open and sincere in their efforts to secure the same a year ago as we are today. The true merit of our request being admitted, the passage of the franchise at this time would be an act in the cause of justice and not a ratification of any unworthy action of your predecessors.

As to the objections urged against the franchise on its merits:

(1) The abandonment of the picturesque Ocean road will come in a short time at all events. The trees, which are its chief beauty (in warm weather), are on private lands of the Spring Valley Water Works. This very land is specially excepted from the holdings of that company in all estimates for the purchase of its water system by the City. The subdivision of the property adjoining Ocean road into residence lots will involve numerous intersecting streets along the Ocean road from both sides, and the destruction of the trees at such points. It is also a well-known fact that such trees as now fringe the road are anything but desirable in our climate for perpetual shade of a residence, and the removal of similar forest growth, in many nearby suburban sections, is ample evidence of the fact.

This road, at the western end, is always boggy and at times almost impassable. The cost of permanent work at this end of the road would be over \$100,000 and would result in only an inferior highway. If the City cannot make considerable repairs and properly maintain this road, and particularly the western end, during the coming winter, the road will be greatly damaged and become absolutely impassable. Viewing the deplorable conditions of our many streets, essential to our commercial convenience, there is not much hope for an appropriation for Ocean road.

(2) The abandonment of Nineteenth avenue as a boulevard was at first opposed by the promoters of the boulevard system to San Mateo. The superiority of both the proposed Twentieth avenue boulevard and the substitute for Ocean road, which latter is to be fully completed at a cost of \$105,000 by the Parkside Transit Company, is so great, that the very people who find the greatest use and enjoyment in these boulevards not only consented, but have urged these changes in the proposed boulevard system. Nineteenth avenue has but four inches of macadam as against the standard official requirement of eight inches. The improvement and maintenance of this thoroughfare as a boulevard is only possible at great expense to the City and property owners.

before a competent court of justice. It is the belief of the minority of your committee that it would be improper for your honorable body to offer an opinion, implied or expressed, on the subject. If such bribery occurred, it is certain that due punishment will be inflicted on the transgressors.

The matter that according to public confessions made by the officials who passed to print the Bill now under consideration, corruption was practiced for the passage of said Bill and for that reason said franchise should be denied final passage; it is the opinion of the minority of your committee that the said corruption did not taint the merits of the subject-matter of the franchise itself, and it should be considered on its merits and for the best interests of the City. It is further believed that, as long as your honorable body keeps upright, just and clean, no fear should be apprehended of any taint of contagion from the corruption of some members of the late Board of Supervisors.

The minority of your committee, not desiring to enlarge any more on the above subject, will consider the merits of the proposed franchise.

The granting of such franchise by your honorable body would open up a new and important district of the City; it would convert a waste and sandy place into streets and avenues and cause the erection of numerous homes for families which, necessarily, will have to leave the City unless accommodations with attractive quarters will be offered them. It would give needed transportation to the present residents of that district, who are innocent of any wrongdoing and to whom the withdrawal or postponement of granting this franchise would inflict a great hardship; it would increase the taxable property of the City, thereby helping to defray the expenses of its government; in a word, it would benefit all citizens and injure none, and would comply with the wishes of the majority of the people of San Francisco, as attested by numerous petitions presented to your Honorable Board.

After careful investigation, the minority of your committee has found that the proposed Parkside franchise was duly advertised and all conditions of the law and the Charter complied with; that it contains the ordinary clauses and the guarantees for their enforcement of similar franchises, and therefore its passage to final approval should be immediate.

Should your honorable body determine on a policy of enmity to public utilities and enterprises, or burden them with all that corporations will bear, the minority of your committee dares to foretell that the stream of the life of this City would soon run dry and the prosperity and industries now in existence soon be destroyed.

To answer the specific objections to the terms of the franchise, mentioned by the majority of your committee, the minority cannot do better than to refer your honorable body to the appended communication of the "Sunset District Improvement Club," the contents of which have been corroborated by the minority of your committee and fully endorsed by it.

Respectfully submitted,

E. J. MOLERA.

Member of the Committee on Public Utilities of
the Board of Supervisors of the City and
County of San Francisco.

SUNSET DISTRICT IMPROVEMENT CLUB.

San Francisco, September 13. 1907.

To the Honorable Board of Supervisors,
Of the City and County of San Francisco.

Gentlemen:—The majority report of your Committee on Public Utilities on the granting of street railway franchise through the Sunset District has received our careful consideration, and we respectfully present our reply thereto.

The benefits to be derived through the establishment of the proposed railway and the necessity and urgency therefor is admitted, as well as the general good which would result to the City at large.

While we admit, and are certainly ourselves concerned in the preservation of the public honor as a matter of prime importance, it is also true that the prosperity and independence of the masses and classes of our citizens is one of the greatest factors in the maintenance of such honor. Poverty and excessive hardship among large numbers of a community has never preserved or maintained civic pride and honor, but has tended to debase and destroy those virtues.

Continued delay, or denial, of the franchise in question can only produce poverty and hardship for many of our citizens, particularly under our present strained conditions.

Furthermore, we do not believe that the destruction of material prosperity in the Sunset District, and the suffering of thousands of innocent owners and citizens because of an unfortunate situation for which we are not to blame, should be made the only object lesson to the world through the action of our legislative body. There is no reason to doubt the ability of our Courts to fully preserve our public honor and serve the cause of justice.

The penalizing of your innocent petitioners is a remedy that never appeared in any statute for enforcement by a Court of law.

Your petitioners who are now asking the granting of this franchise were as open and sincere in their efforts to secure the same a year ago as we are today. The true merit of our request being admitted, the passage of the franchise at this time would be an act in the cause of justice and not a ratification of any unworthy action of your predecessors.

As to the objections urged against the franchise on its merits:

(1) The abandonment of the picturesque Ocean road will come in a short time at all events. The trees, which are its chief beauty (in warm weather), are on private lands of the Spring Valley Water Works. This very land is specially excepted from the holdings of that company in all estimates for the purchase of its water system by the City. The subdivision of the property adjoining Ocean road into residence lots will involve numerous intersecting streets along the Ocean road from both sides, and the destruction of the trees at such points. It is also a well-known fact that such trees as now fringe the road are anything but desirable in our climate for perpetual shade of a residence, and the removal of similar forest growth, in many nearby suburban sections, is ample evidence of the fact.

This road, at the western end, is always boggy and at times almost impassable. The cost of permanent work at this end of the road would be over \$100,000 and would result in only an inferior highway. If the City cannot make considerable repairs and properly maintain this road, and particularly the western end, during the coming winter, the road will be greatly damaged and become absolutely impassable. Viewing the deplorable conditions of our many streets, essential to our commercial convenience, there is not much hope for an appropriation for Ocean road.

(2) The abandonment of Nineteenth avenue as a boulevard was at first opposed by the promoters of the boulevard system to San Mateo. The superiority of both the proposed Twentieth avenue boulevard and the substitute for Ocean road, which latter is to be fully completed at a cost of \$105,000 by the Parkside Transit Company, is so great, that the very people who find the greatest use and enjoyment in these boulevards not only consented, but have urged these changes in the proposed boulevard system. Nineteenth avenue has but four inches of macadam as against the standard official requirement of eight inches. The improvement and maintenance of this thoroughfare as a boulevard is only possible at great expense to the City and property owners.

Nineteenth avenue was created a boulevard at the instance of the Automobile Club and not on the petition of property owners. As a boulevard it has been a disgrace to the City, except while repaired and maintained by the present applicants for the railway franchise during the past two years. Their care of the road, however, was discontinued in May last.

Twentieth avenue was made available in consideration of the Parkside Realty Company and property owners doing the work from H street to the proposed Parkside avenue.

The so-called boulevard system connecting San Mateo with San Francisco and the proper maintenance of Nineteenth avenue as a thoroughfare are improvements which depend entirely upon the granting of this franchise for street railway.

The suggestion that Nineteenth avenue should not be available until Twentieth avenue be fully completed we think is unwarranted. The Parkside Company has up to this time proven itself to be anything but niggardly or shortsighted in constructing the most desirable and beneficial roadways for Sunset District, and in a manner that indicates permanency.

These so-called boulevards have never been of any concern to the City in the matter of their proper repair and maintenance, and their present importance is attributable entirely to the improvement in real estate in their neighborhood, brought about by the liberality and development of private enterprise.

(3) That the gauge of the road is not specified.

In that connection, an interview with officers of the Parkside Transit Company discloses the fact that it is impracticable to purchase rolling stock for other than a standard gauge road.

(4) The suggestion that the receipts might be juggled so as to prevent the City getting its proper percentage in event of any assignment of this franchise, the same would be true without such assignment. In neither event could this be done without the perpetration of a fraud, against the perpetration of which the City, and its law officers, are amply able to protect it. We will have to assume that the Charter has wisely and carefully provided all necessary safeguards in such matters as even reasonably seemed to require them.

(5) In reply to the suggestion that an arbitration clause be placed in this franchise we submit that the City should maintain an attitude of neutrality in all industrial disputes. The City is neither empowered nor qualified to enter upon their adjustment through conditions inserted in franchise ordinances, or otherwise.

(6) The law requires the company to pave and keep in repair that portion of the streets which lies between its tracks and for two feet on each side thereof. This is all the people of San Francisco, by Charter provision, require of its street railway companies.

The fact that a self-confessed extortionist held up the applicants for this franchise to our loss offers no justification for the City doing likewise, by the imposition of the suggested arbitrary and unwarranted conditions in a franchise requiring the keeping in repair of entire streets. We do not believe the City desires to, or will, place itself in any such position.

(7) In making the suggestion that the City should insert a condition in the franchise permitting it to take the property at any time it might choose we submit that the views of the majority report show that they have ignored the charter from which they derive their powers.

Article XII of our Charter expressly empowers the City by condemnation or purchase to acquire these properties at any time upon the approval of the people by ballot, and in no other way. At the expiration of the franchise, the roadbed, rails and all fixtures in the street become the property of the City by operation of law.

Judging the attitude of our City and its financial ability on the acquisition of public utilities by the expression of your Honorable Board and your acts in

connection therewith, the acquisition by the City of any extensive street railway system can be effected only in a quite distant future.

The purchase or acquisition of a water system has been given precedence over all other public utilities, and in all probability light and power works and a telephone system will receive consideration in the order named. The intention of the people as expressed in the Charter being to "gradually" acquire its public utilities, it seems to us that undue concern is being manifested for the acquisition by the City of a comparatively unimportant street railway where the Charter has made provision therefor, which can be availed of at any time.

In conclusion, we suggest that the proceedings in the granting of this franchise have reached a point where it is impossible, legally, to change the terms of the grant. Bids were received and the franchise awarded as at present conditioned. It would be a fraud upon those who might otherwise have bid to now change the terms of the grant. Furthermore, the Charter does not permit that method of procedure; for, if a change could be made disadvantageous to the grantee, it is equally true that a change could be made advantageous to the grantee.

Finally, we suggest that the propositions made by the committee are in many instances speculative and in others impossible of realization.

It may be accepted as true, by all fair-minded men, that the City will not undertake the construction of the railway into this district, and the fact that such road must be run at a loss for years to come, and that it is only under circumstances of this kind where the promoters are heavy holders of real estate in that neighborhood that we can ever hope to have a street railway in the Sunset District.

We ask, therefore, that we be given that to which we are entitled, and that it be not denied for sentimental reasons.

Respectfully,
C. W. RIFFEE,
President Sunset District Improvement Club.

MOTION.

Supervisor Brenner moved the reference of the Minority Report to the Public Utilities and Streets Committees, with instructions to report the franchise at the next meeting of the Board, and that a special order of business for consideration of said matter be fixed at the hour of 2:30 o'clock.

So ordered.

MOTION.

Supervisor Magee moved that when the Board adjourns it does so to assemble on Thursday, September 19, 1907, at 9 A. M., preparatory to a trip of inspection of route of Parkside Transit Company's franchise.

So ordered.

JOURNAL OF PROCEEDINGS, BOARD OF SUPERVISORS, RELATING TO PARKSIDE FRANCHISE, SEPTEMBER 23, 1907.

During the reading of the Petitions Supervisor Brandenstein called attention to the fact that the special order of business in the Parkside franchise matter, fixed for 2:30 o'clock this day, had passed, and suggested that the matter be taken up at once.

Whereupon Supervisor D'Ancona, Chairman of the Committee on Public Utilities, stated that no agreement had been reached in the matter and requested that the committee be granted one week's further time, and also moved that the Parkside franchise matter be made a special order of business on Monday, September 30, 1907, at 2:30 P. M.

So ordered.

The following communication was received, read, ordered referred to the Joint Committee on Public Utilities and Streets, and spread at length in the Journal:

SUPPLEMENTAL AGREEMENT OF PARKSIDE TRANSIT COMPANY, WAIVING CERTAIN RIGHTS CONFERRED BY PROPOSED FRANCHISE AS TO THE CHARACTER OF ROAD AND ASSUMING OBLIGATIONS TO GRADE TWENTIETH AVENUE BOULEVARD AND TO PLANT SHADE TREES ON PARKSIDE AVENUE.

San Francisco, California, September 23, 1907.

To the Mayor and Board of Supervisors,
Of the City and County of San Francisco.

Gentlemen:—At the suggestion of your Joint Committees on Public Utilities and Streets, which have had under consideration the final passage of the Ordinance granting a franchise for a street railway in the Sunset District to the Parkside Transit Company, which Ordinance is now pending before your Board on final passage, the said Parkside Transit Company hereby signifies its willingness, and hereby binds itself by this supplemental agreement, in the event of the passage of said Ordinance in its present form:

(1) To construct the proposed railway only according to the standard gauge, to-wit: 4 feet 8½ inches.

(2) To relinquish, and it does hereby relinquish, all right which may be conferred by said Ordinance to construct such railway either above the street, as an elevated railway, or below the street as a sub-way railroad, the true intent of this relinquishment being that this Company shall construct its railroad only upon the surface of the street.

(3) To grade Twentieth avenue, now a boulevard, from H street south to W street to the official line and grade within six months from the receipt by this company from the City Engineer of diagrams of official line and grade of said Twentieth avenue between said streets.

We further agree that a failure on the part of this company to perform the work contemplated in these conditions according to the tenor thereof, shall work a forfeiture of any franchise granted under said Ordinance.

We also agree to plant shade trees on both sides of Parkside boulevard and for the full length thereof, on request of the Board of Supervisors signified by resolution of said Board.

Respectfully,

PARKSIDE TRANSIT COMPANY,

J. E. GREEN, President.

G. A. NICHOLLS, Secretary.

PARKSIDE TRANSIT COMPANY'S FRANCHISE 1177

JOURNAL OF PROCEEDINGS, BOARD OF SUPERVISORS, PARKSIDE
FRANCHISE, SEPTEMBER 30, 1907.

RELATING TO PARKSIDE TRANSIT COMPANY FRANCHISE.

His Honor Mayor Taylor called attention to the fact that the matter of the granting of the Parkside Transit Company franchise had been made a special order of business for 2:30 P. M. this day, and suggested that the matter be taken up at once.

So ordered.

MOTION.

Whereupon Supervisor D'Ancona, Chairman of the Joint Committee on Public Utilities and Streets, stated that the Committee was not ready to report, and moved that the matter be laid over one week.

So ordered.

OCTOBER 7, 1907.

SPECIAL ORDER.

RELATING TO PARKSIDE TRANSIT COMPANY FRANCHISE.

The special order of business, namely, consideration of Bill No. 137, entitled "Granting to Parkside Transit Company, a railway corporation, a franchise for the right of way, and the right to construct and operate a single or double track railroad, together with all necessary branches, side tracks, turn-outs, switches, curves, crossings, depot and terminal tracks, and facilities along, over, under and across certain streets in the City and County of San Francisco," fixed as a special order of business for 2:30 P. M. this day, was proceeded with.

REPORT OF JOINT COMMITTEE ON PUBLIC UTILITIES AND STREETS,
SEWERS AND PARKS.

Supervisor D'Ancona, Chairman of the Joint Committee on Public Utilities and Streets, Sewers and Parks, having under consideration Bill No. 137 aforesaid, granting the Parkside Transit Company a franchise over and along certain streets, reported verbally on behalf of the majority of the committee in favor of the final passage of the Bill, although personally opposed to the granting of the franchise at the present time.

MOTION.

Supervisor D'Ancona moved that the privilege of the floor be granted the proponents of the franchise.

So ordered.

PRIVILEGE OF THE FLOOR.

Thereupon W. C. Graves, Paul Barbieri, W. Smith and J. Kelly were granted the privilege of the floor and were heard at length, favoring the final passage of the Bill granting the franchise.

QUESTION ON FINAL PASSAGE.

Whereupon, the question being taken on the final passage of Bill No. 137, granting the Parkside Transit Company a street railroad franchise, said Bill was refused passage by the following vote, fourteen ayes being essential to carry:

1178 PARKSIDE TRANSIT COMPANY'S FRANCHISE

Ayes—Supervisors Brandenstein, Brenner, Center, Comte, Faymonville, Molera, Murdock, Payot, Rixford, Sachs, Sullivan, Tveitmoe—12.

Noes—Supervisors Booth, D'Ancona, Magee, Murphy, O'Neill Stafford—6.

RECONSIDERATION.

Supervisor Center changed his vote from aye to no and gave notice that at the next meeting he would move reconsideration of the vote whereby Bill No. 137 was refused passage.

Supervisor Tveitmoe also requested permission to change his vote from aye to no.

Request granted. /

OCTOBER 14, 1907.

SPECIAL ORDER.

CONSIDERATION OF THE PARKSIDE TRANSIT COMPANY FRANCHISE.

In accordance with the notice given at the last meeting Supervisor Center moved the reconsideration of the vote whereby Bill No. 137, Ordinance No. — (New Series), entitled, "Granting to Parkside Transit Company, a railway corporation, a franchise for a right of way, and the right to construct, maintain and operate a single or double track railroad, together with all necessary branches, side tracks, turn-outs, switches, curves, crossings, depots and terminal tracks, and facilities over, along, under and across certain streets in the City and County of San Francisco," was refused final passage.

PRIVILEGE OF THE FLOOR.

Before the question was taken in the motion to reconsider, the following named gentlemen were granted the privilege of the floor and were heard at length favoring the final passage of the Parkside franchise:

Frank J. Symmes, representing the Merchants' Association of San Francisco; F. V. Meyers, representing the Ingleside District; Rev. Father McCue, Walker C. Graves and L. C. Lederman, representing property owners in the Sunset District.

NOTICE OF FILING OF STIPULATIONS BY THE PARKSIDE TRANSIT COMPANY, WAIVING CERTAIN RIGHTS AND AGREEING TO CERTAIN CONDITIONS INCIDENTAL TO THE GRANTING OF THE FRANCHISE.

Supervisor D'Ancona, Chairman of the Public Utilities Committee, submitted stipulations of the Parkside Transit Company, waiving certain rights and agreeing to certain conditions incidental to the franchise and providing that the City and County may take over the road during the last ten years of the grant, and stated that by reason of said Parkside Transit Company agreeing to sell to the City and County during the last ten years of the franchise as aforesaid, he would vote for the Bill on final passage.

QUESTION ON RECONSIDERATION OF VOTE.

Whereupon, the question being taken on Supervisor Center's motion to reconsider the vote whereby Bill No. 137 was refused final passage, the same was carried by the following vote:

Ayes—Supervisors Booth, Brandenstein, Brenner, Center, Comte, D'Ancona, Faymonville, Molera, Murdock, O'Neill, Payot, Rixford, Sachs, Sullivan, Tveitmoe—15.

Noes—Supervisors Magee, Stafford—2.

Absent—Supervisor Murphy—1.

FINAL PASSAGE OF FRANCHISE.

Whereupon, the question being taken, Bill No. 137, in words and figures following, was finally passed as Ordinance No. 288 (New Series) by the following vote:

ORDINANCE GRANTING PARKSIDE TRANSIT COMPANY'S FRANCHISE.

Bill No. 137, Ordinance No. 288 (New Series), Granting to Parkside Transit Company, a railway corporation, a franchise for a right of way, and the right to construct, maintain and operate a single or double track railroad, together with all necessary branches, side tracks, turn-outs, switches, curves, crossings, depot and terminal tracks, and facilities along, over under and across certain streets in the City and County of San Francisco.

Be it ordained by the people of the City and County of San Francisco as follows:

Section 1. The right of way is hereby granted unto Parkside Transit Company, a railway corporation, its successors or assigns, for the term of twenty-five (25) years, to use portions of the streets, avenues, alleys, places and properties hereinafter named and described for street railroad purposes, as hereinafter set forth, and to that end the said Parkside Transit Company, a railway corporation, its successors or assigns, is hereby granted the right to construct, erect, maintain, and operate, by means of electricity or such other motive power as science has now or may hereafter discover and the laws sanction, a single or double track railroad along, upon, across, over and under the portions of the streets, avenues, alleys, places and properties upon the routes of and to be traversed by said railroad, and upon, along, over and under the right of way of said Parkside Transit Company, a railway corporation.

Section 2. It shall be lawful, and said Parkside Transit Company, a railway corporation, its successors or assigns, shall have the right to build, construct, erect and maintain, all necessary poles, feed, trolley, guy, stay and sustaining wires, overhead construction, connecting tracks, Y tracks, side tracks, turn-outs, curves, switches, crossings, spur tracks, yard, depot and terminal tracks, depot, station buildings, and to connect any or all of said tracks with the main line of the railroad as hereinafter set forth. The following is a description of the route referred to to-wit:

Commencing in Ocean avenue opposite the southerly termination of Corbett avenue, thence through private property to Nineteenth avenue, thence across Nineteenth avenue to a point approximately nine hundred and ninety-six (996) feet southerly from the south line of W street, as laid down on the official map of the City and County of San Francisco, thence through private property in a general westerly direction to what would be the line of Market street, if

1180 . PARKSIDE TRANSIT COMPANY'S FRANCHISE

extended: thence along Market street to its westerly terminus; thence through private property in a general northwesterly direction to the easterly line of the Great Highway: also

Commencing on W street at the easterly line of the Great Highway; thence easterly along W street to Forty-sixth avenue: thence curving into Forty-sixth avenue: thence southerly along Forty-sixth avenue, there connecting with the track or tracks laid or to be laid by grantee; also

Commencing at the southerly line of Ocean avenue, where said southerly line of Ocean avenue is intersected by the westerly line of Corbett avenue; thence northerly across Ocean avenue, there connecting with the track or tracks laid or to be laid by grantee, from the intersection of Ocean avenue and Corbett avenue; also

Commencing at the intersection of the easterly line of Twelfth avenue and T street: thence westerly along T street to Thirty-third avenue; thence curving into Thirty-third avenue and southerly along Thirty-third avenue to V street: thence curving into V street: thence westerly on V street to Thirty-fifth avenue: thence southerly along Thirty-fifth avenue to its southerly terminus: thence across private property connecting with the track or tracks laid or to be laid by grantee on private property: also

Commencing on Nineteenth avenue at a point approximately nine hundred and ninety-six (996) feet southerly from the south line of W street, as laid down upon the official map of the City and County of San Francisco; thence northerly along Nineteenth avenue to and across H street.

Section 3. The foregoing grants are made upon the following express conditions, to be strictly complied with by the grantee, its successors or assigns, viz:

First. The grantee, its successors or assigns, shall pay to the City and County of San Francisco, in lawful money of the United States, a percentage upon the gross annual receipts of said grantee, its successors or assigns, arising from the use, operation, possession or enjoyment of such franchise as follows:

Three (3) percentum thereof during the first five years of the period for which said franchise is granted; four (4) per centum thereof during the next succeeding ten years of said period, and five (5) per centum thereof during the next succeeding ten years of such period.

All such per centum of said gross receipts shall be paid into the Treasury of the City and County of San Francisco on or before the tenth day of the next ensuing month after such gross receipts shall have been earned.

Second. The grantee, its successors or assigns, shall continuously operate the whole of the railway hereby authorized, and at the end of the term of this franchise the road, track and bed of said railway and all its stationary fixtures upon the public streets shall become the property of the City and County.

The grantee, its successors or assigns, shall within one hundred days after the date of the grant hereby made, commence the construction of the railway hereby authorized, and continuously thereafter in each and every month until the completion thereof, expend in such construction at least the sum of three thousand dollars.

A failure to comply with any of the conditions in the foregoing paragraphs shall work an immediate forfeiture of such franchise and the road or track constructed thereunder, and there shall be no power in the Board of Supervisors to relieve from such forfeiture or from any of said conditions.

On or before the tenth day of each month, after said receipts shall have been earned, the President and Secretary of said railway company shall make

and file with the Clerk of the Board of Supervisors a sworn statement of the gross receipts of such railway for the preceding month.

Third. The franchise hereby granted shall not, upon expiration of the term thereof, be renewed or regrantd, and the Board of Supervisors of the City and County of San Francisco shall at all times have the power to regulate the rates of fare to be charged by those using, operating, possessing or enjoying this franchise, and the Finance Committee of said Board shall at all times be permitted to examine and inspect their books as to their gross receipts.

Fourth. The grantee, its successors or assigns, shall be required to pave the space between the rails and for two feet each side thereof, and between the tracks if there be more than one, upon the streets whereon said tracks are to be laid, and to keep the same in good condition and repair under the supervision and to the satisfaction of the Board of Public Works of the City and County.

Fifth. That such street railroads operating under different managements as the Board of Supervisors may permit, or the City and County itself, in the operation of a municipal railroad, shall have the privilege of using said tracks for a distance not exceeding ten (10) consecutive blocks, for the purpose of securing equal terminal facilities, upon condition that the expense of construction and repair of the tracks and appurtenances used by said railways jointly be equally divided between the respective owners.

Sixth. The grantee, its successors or assigns, shall pay to the City and County as a license upon each car such sum as the Board of Supervisors may fix, provided, however, that such sum shall not exceed fifty dollars (\$50) per annum, nor be less than fifteen (\$15) dollars per annum.

Seventh. That as a condition precedent to the sale and granting of this franchise, the grantee thereunder shall permit and allow all firemen and policemen of the City and County of San Francisco at all times, and all mail carriers in the employ of the United States Government, while engaged in the actual discharge of duty, to ride on the cars of such company without paying any sum of money whatever for fare or otherwise.

Section 4. This Ordinance shall take effect and be in force from and after its passage.

Ayes—Supervisors Brandenstein, Brenner, Center, Comte, D'Ancona, Faymonville, Molera, Murdock, O'Neill, Payot, Rixford, Sachs, Sullivan, Tveitmoe—14.

Noes—Supervisors Booth, Magee, Stafford—3.

Absent—Supervisor Murphy—1.

The foregoing Ordinance was approved by His Honor, the Mayor, October 17, 1907.

MOTION.

Supervisor D'Ancona moved that the stipulations filed by the Parkside Transit Company waiving certain rights and privileges under the franchise and agreeing that the City may take over the road during the last ten years of the franchise be accepted.

So ordered.

Adopted.

ACCEPTANCE OF CERTIFIED AGREEMENTS OF PARKSIDE TRANSIT COMPANY WAIVING CERTAIN RIGHTS UNDER FRANCHISE AS TO GAUGE OF ROAD AND TO CONSTRUCTION OF OTHER THAN SURFACE RAILWAY, AND AGREEING TO GRADE TWENTIETH AVENUE, TO PLANT SHADE TREES ON PARKSIDE BOULEVARD AND TO SELL TO THE CITY AND COUNTY ITS RAILROAD DURING THE LAST TEN YEARS OF THE FRANCHISE.

Whereupon, on motion of Supervisor D'Ancona, the following Resolution was adopted by unanimous vote as Resolution No. 1444 (New Series):

RESOLUTION NO. 1444.

(New Series.)

Whereas, The Parkside Transit Company filed on October 14, 1907, the following certified agreements in consideration of the final passage by the Board of Supervisors of the City and County of San Francisco of Bill No. 137, Ordinance No. — (New Series), entitled, "Granting to Parkside Transit Company, a railway corporation, a franchise for a right of way, and the right to construct, maintain and operate a single or double track railroad, together with all necessary branches, sidetracks, turn-outs, switches, curves, crossings, depot and terminal tracks, and facilities along, over, under and across certain streets in the City and County of San Francisco;"

1. Whereas, heretofore, under date of September 23, 1907, the President and Secretary of this corporation, Parkside Transit Company, under the name of the company, wrote a letter to the Mayor and Board of Supervisors of the City and County of San Francisco, State of California, of which the following is a copy:

"San Francisco, California, September 23, 1907.

"To the Mayor and Board of Supervisors,

"Of the City and County of San Francisco.

"Gentlemen:—At the suggestion of your Joint Committees on Public Utilities and Streets, which have had under consideration the final passage of the Ordinance granting a franchise for a street railway in the Sunset District to the Parkside Transit Company, which Ordinance is now pending before your Board on final passage, the said Parkside Transit Company hereby signifies its willingness, and hereby binds itself by this supplemental agreement, in the event of the passage of said Ordinance in its present form:

"(1) To construct the proposed railway only according to the standard gauge, to-wit: 4 feet 8½ inches.

"(2) To relinquish, and it does hereby relinquish, all right which may be conferred by said Ordinance to construct such railway either above the street, as an elevated railway, or below the street as a sub-way railroad, the true intent of this relinquishment being that this company shall construct its railroad only upon the surface of the street.

"(3) To grade Twentieth avenue, now a boulevard, from H street south to W street to the official line and grade within six months from the receipt by this company from the City Engineer of diagrams of official line and grade of said Twentieth avenue between said streets.

"We further agree that a failure on the part of this company to perform the work contemplated in these conditions according to the tenor thereof shall work a forfeiture of any franchise granted under said Ordinance.

"We also agree to plant shade trees on both sides of Parkside boulevard and for the full length thereof, on request of the Board of Supervisors signified by Resolution of said Board.

"Respectfully,

"PARKSIDE TRANSIT COMPANY,
 "J. E. GREEN, President.
 "G. A. NICHOLLS, Secretary."

Now, therefore, Resolved, That the action of the President and Secretary in writing and sending said letter to the Mayor and Board of Supervisors be, and the same is hereby approved, ratified and confirmed; and further

Resolved, That this corporation shall be bound in all respects by said letter.

I, G. A. Nicholls, secretary of the Parkside Transit Company, a corporation, do hereby certify that the foregoing is a full, true and correct copy of a Resolution duly passed and adopted by the Board of Directors of the Parkside Transit Company, a corporation, at a meeting of said Board duly convened and held on the 30th day of September, 1907.

In witness whereof, I have hereunto set my hand and affixed the corporate seal of this corporation this 30th day of September, 1907.

(Seal).

G. A. NICHOLLS,
 Secretary Parkside Transit Company.

2. Whereas, Under date October 14, 1907, the President of this corporation, Parkside Transit Company, under the name of the company, wrote a letter to the Mayor and Board of Supervisors of the City and County of San Francisco, of which the following is a copy:

"San Francisco, California, October 14, 1907.

"To the Mayor and Board of Supervisors,

"of the City and County of San Francisco.

"Gentlemen:—The Parkside Transit Company hereby supplements its supplemental agreement of September 20, 1907, which reads as follows:

"San Francisco, California, September 20, 1907.

"To the Mayor and Board of Supervisors,

"of the City and County of San Francisco.

"Gentlemen:—At the suggestion of your Joint Committee on Public Utilities and Streets, which have had under consideration the final passage of the Ordinance granting a franchise for a street railway in the Sunset District to the Parkside Transit Company, which Ordinance is now pending before your Board on final passage, the said Parkside Transit Company hereby signifies its willingness and hereby binds itself by this supplemental agreement, in the event of the passage of said Ordinance in its present form:

"(1) To construct the proposed railway only according to the standard gauge, to-wit, 4 feet 8½ inches.

"(2) To relinquish, and it does hereby relinquish, all right which may be conferred by said Ordinance to construct such railway either above the street as an elevated railway, or below the street as a sub-way railroad, the true intent of this relinquishment being that this company shall construct its railroad only upon the surface of the street.

"(3) To grade Twentieth avenue, now a boulevard, from H street south to W street to the official line and grade within six months from the

copy of a resolution duly passed and adopted by the Board of Directors of the Parkside Transit Company, a corporation, at a meeting of said Board duly convened and held on the 14th day of October, 1907.

In witness whereof, I have hereunto set my hand and affixed the corporate seal of this corporation this 14th day of October, 1907.

(Seal)

F. M. MULLANY,

Assistant Secretary Parkside Transit Company.

Now, therefore, Resolved, That said agreements and each of them be and the same are hereby accepted by the Board of Supervisors of the City and County of San Francisco.

The foregoing resolution was approved by his Honor, the Mayor, Edward R. Taylor, October 17, 1907.

NEW APPLICATION FOR FRANCHISE FILED.

On October 21, 1907, a new application for a street railway franchise was filed by the Parkside Transit Company. Said application provided for a change in the route as originally proposed, from Nineteenth avenue to Twentieth avenue, and was in terms as follows, to-wit:

To the Honorable, the Board of Supervisors,

Of the City and County of San Francisco.

In accordance with the provisions of the Charter of the City and County of San Francisco and that certain supplemental agreement dated October 14, 1907, and accepted by your Honorable Board by Resolution No. 1444 (New Series), the Parkside Transit Company does hereby make application, and does hereby petition your Honorable Board for the sale, award and granting of a street railway franchise along and upon the route hereinafter described, and in that behalf respectfully represent:

(1) That the Parkside Transit Company, your petitioner, is a railway corporation organized and existing under and by virtue of the laws of the State of California, and having its principal place of business in the City and County of San Francisco in said State.

(2) That the Parkside Transit Company, your petitioner, is desirous of constructing, maintaining and operating a street railroad in said City and County of San Francisco, State of California, over and along the route hereinafter designated, under and in accordance with the terms and provisions of the Charter of the City and County of San Francisco.

Wherefore, your petitioner hereby applies to your Honorable Board for a franchise for a term of twenty-five years to construct, lay down, maintain and operate a single or double track street railroad with all the necessary branches, side tracks, turn-outs, switches, crossings, curves, connections, spur tracks, yard tracks, depot tracks, terminal tracks and facilities in the said City and County of San Francisco, State of California, over and along the following described route, to-wit:

Commencing at Nineteenth avenue at a point opposite the intersection of W street with Nineteenth avenue, there connecting with the track or tracks laid or to be laid by the said grantee in said Nineteenth avenue, thence westerly along W street to Twentieth avenue, thence curving northerly into Twentieth avenue, thence northerly along Twentieth avenue to and across H street, as said streets and avenues are laid down and designated on the official map of the City and County of San Francisco.

A draft of a proposed Ordinance granting said franchise is filed herewith. Dated October 21, 1907.

PARKSIDE TRANSIT COMPANY,

By J. E. GREEN, President.

The foregoing application, together with the draft of a proposed Ordinance granting said franchise, were ordered referred to the Joint Committee on Public Utilities and Streets, Sewers and Parks by the Board of Supervisors at its session October 21, 1908.

DETERMINATION TO GRANT PARKSIDE FRANCHISE.

On November 25, 1907, the Joint Committee on Public Utilities and Streets, Sewers and Parks filed a report with the Board of Supervisors, recommending the passage of a Resolution determining to grant, as a whole, a franchise for a street railroad along the route described in the application of the Parkside Transit Company, filed October 21, 1907.

Action on the aforesaid Resolution was postponed one week, and on December 2, 1907, the said Resolution was referred to the Streets, Sewers and Parks Committee. On December 16, 1907, upon recommendation of the aforesaid committee, the Board of Supervisors passed a Resolution determining to grant a street railway franchise under said application, said Resolution being in terms as follows, to-wit:

RESOLUTION NO. 1710.

(New Series.)

Whereas, Application has been made to the Board of Supervisors of the City and County of San Francisco by the Parkside Transit Company (a corporation), through petition filed October 21, 1907, for a franchise for a term of twenty-five (25) years to construct, lay down and operate a single or double track street railroad, with all the necessary branches, side tracks, turn-outs, switches, crossings, curves, connections, spur tracks, yard tracks, depot tracks, terminal tracks and facilities, upon, along and across the following described route, to-wit:

Commencing at such point or points in Nineteenth avenue opposite the intersection of W street with Nineteenth avenue as may conveniently admit of connection or connections with the track or tracks of any street railroad now or hereafter constructed on Nineteenth avenue; thence curving westerly into W street; thence running westerly along W street to Twentieth avenue; thence curving northerly into Twentieth avenue; thence running northerly along Twentieth avenue to such point or points in H street opposite the intersection of H street and Twentieth avenue as may conveniently admit of a connection or connections with the track or tracks of any street railroad now or hereafter constructed on H street as said streets and avenues are laid down and designated on the official map of the City and County of San Francisco; and

Whereas, It appears to this Board that the public interest will be subserved by the grant of such franchise, therefore

Resolved, That this Board grant a franchise as a whole, for a term of twenty-five (25) years, for a standard gauge street railroad upon, along and across the following described route, to-wit:

Commencing at such point or points in Nineteenth avenue opposite the intersection of W street with Nineteenth avenue as may conveniently admit of connection or connections with the track or tracks of any street railroad now or hereafter constructed on Nineteenth avenue; thence curving westerly into W street; thence running westerly along W street to Twentieth avenue; thence curving northerly into Twentieth avenue; thence running northerly along Twentieth avenue to such point or points in H street opposite the intersection of H street and Twentieth avenue as may conveniently admit of a connection

or connections with the track or tracks of any street railroad now or hereafter constructed on H street as said streets and avenues are laid down and designated in the official map of the City and County of San Francisco.

The grantee under said franchise shall have the right to construct, erect, maintain and operate, by means of electricity, or such other improved motive power as science has now or may hereafter discover and the laws sanction, a single or double track railroad upon, along and across the streets hereinabove described, and to that end the grantee shall have the right to build, construct, erect and maintain all necessary poles, feed, trolley, gny, stay and sustaining wires, overhead construction, connecting tracks, Y tracks, side tracks, turn-outs, curves, switches, crossings, spur tracks, yard, depot and terminal tracks, and depot and station buildings, and to connect any or all of said tracks with the line of any street railroad or railroads constructed, maintained or operated under the franchise hereby proposed to be granted, or any other railroad or railroads now or hereafter constructed, maintained or operated under any other franchise along or upon or across any of the streets or avenues in said application set forth or described.

Said street railroad franchise shall be granted after due advertisement and offer for sale, in the manner and subject to the conditions and restrictions provided in the Charter of the City and County of San Francisco, with particular reference to the following subdivisions and sections of Chapter 2, Article II of said Charter, relating to the powers of the Board of Supervisors, to-wit:

Subdivision 2 and Subdivision 27 as amended February 5, 1903, of Section 1 thereof, and Section 6 thereof.

It is hereby determined that said street railroad franchise shall be granted subject to the following conditions additional to those prescribed by the Charter, to-wit:

That the City and County of San Francisco shall have the right at any time during the last ten (10) years of the life of said franchise to acquire the same, together with the power plant, poles, wires, roadbed, rails, rolling stock and other equipment of said railroad, at such fair and reasonable valuation as may be agreed upon by the holder of said franchise and the City and County of San Francisco, or failing such agreement, at such valuation as may be fixed by a court of competent jurisdiction.

That the grantee operating under said franchise shall be required to pave the space between the rails and for two feet each side thereof and between the tracks if there be more than one, upon the streets whereon said tracks are to be laid, and to keep the same in good condition and repair under the supervision and to the satisfaction of the Board of Public Works of the City and County; also

That such street railroads operating under different managements, as the Board of Supervisors may permit, or the City and County itself, in the operation of a municipal railroad, shall have the privilege of using said tracks for a distance not exceeding ten (10) consecutive blocks, upon condition that the expense of construction and repair of the tracks and appurtenances used by said railroads jointly be equitably divided between the respective owners; also

That the grantee operating under this franchise must pay to the City and County as a license upon each car such sum as the Board of Supervisors may fix, provided, however, that such sum shall not exceed fifty (50) dollars per annum, nor less than fifteen (15) dollars per annum; also

That as a condition precedent to the sale and granting of this franchise the grantee thereunder shall permit and allow all policemen and firemen of the City and County of San Francisco at all times, and all mail carriers in the employ of the United States Government, while engaged in the actual discharge of duty, to ride on the cars of such company without paying any sum of money whatever for fare or otherwise; also

That the bidder for said franchise shall file with his bid a good and sufficient bond in the penal sum of five thousand (5,000) dollars with sureties thereon satisfactory to the Mayor of the City and County, conditioned that the bidder shall well and truly observe and perform the conditions of the franchise for which application is made, in the case the same is awarded to him, and that in case of breach of any of the conditions of such bond, the whole of the penal sum of five thousand (5,000) dollars shall be taken to be liquidated damages; also

That the successful bidder for this franchise shall pay all charges for advertising in the official newspaper of this Resolution, of the notice of sale and of the Ordinance granting said franchise.

Further resolved, That the Clerk of this Board be and he is hereby authorized, empowered and directed to advertise for sealed proposals, or bids, for the sale of this franchise, in accordance with the provisions of the Charter and with the terms of this Resolution as hereinbefore expressed, said bids to be filed with the Clerk not later than Saturday, January 25, 1908, at the hour of 12 o'clock M., and Monday, January 27, 1908, at the hour of 3 P. M., is hereby fixed as the hour and date for the opening of said proposals, or bids, and for the awarding of said franchises.

The Board of Supervisors reserves the right to reject any and all bids if they believe the public interest will be subserved thereby.

In Board of Supervisors, San Francisco, December 16, 1907.

After having been published five successive days, according to law, taken up and finally passed by the following vote:

Ayes—Supervisors Booth, Brenner, Center, Comte, D'Ancona, Faymonville, Magee, Molera, Murdock, Murphy, O'Neill, Payot, Rixford, Sachs, Stafford, Sullivan, Tveitmoe.

Absent—Supervisor Brandenstein.

JOHN E. BEHAN, Clerk.

Approved, San Francisco, December 17, 1907.

EDWARD R. TAYLOR,

Mayor and ex-Officio President of the Board of Supervisors.

NOTICE OF SALE OF FRANCHISE.

In accordance with Resolution No. 1,710 (New Series), the Clerk of the Board of Supervisors caused to be published in the official newspaper, for a period of ten days, a notice of sale of a street railway franchise, in accordance with the terms and conditions in said Resolution expressed and set forth, together with the draft of a proposed Ordinance providing for the grant of said franchise.

JOURNAL OF PROCEEDINGS OF THE BOARD OF SUPERVISORS RELATING TO PARKSIDE STREET RAILWAY FRANCHISE, JANUARY 27, 1908.

PRESENTATION OF PROPOSALS—PARKSIDE TRANSIT COMPANY FRANCHISE.

The following bid from the Parkside Transit Company, filed January 25, 1908, was received, opened and read:

San Francisco, January 25, 1908.

To the Honorable, the Board of Supervisors of the City and County of San Francisco, and John E. Behan, Esq., Clerk of said Board, San Francisco, California.

Sirs:—In accordance with the provisions of Resolution No. 1710 (New Series), passed December 16, 1907, and approved December 17, 1907, and that

1190 PARKSIDE TRANSIT COMPANY'S FRANCHISE

certain notice of sale entitled "Notice Street Railroad Franchise for Sale," and in compliance with the provisions of the Charter of the City and County of San Francisco, the undersigned hereby bids the following percentages for said franchise in said Resolution set forth and described, to-wit:

Three (3) per centum of the gross receipts accruing thereunder during the first five years for which said franchise is granted;

Four (4) per centum of the gross receipts during the next succeeding ten years, and

Five (5) per centum of said gross receipts during the next succeeding ten years.

We enclose herewith a bond in the penal sum of five thousand (\$5,000) dollars conditioned that we shall well and truly perform the conditions set forth and defined in Resolution No. 1710 (New Series), and upon which said franchise is to be granted.

Yours truly,

PARKSIDE TRANSIT COMPANY.

By J. E. GREEN, President.

G. A. NICHOLLS, Secretary.

ACCEPTANCE OF BID.

Supervisor Giannini moved the acceptance of the bid.
So ordered.

ADOPTED.

Whereupon the following Resolution was adopted by the following vote:

ACCEPTING BID AND AWARDING FRANCHISE TO THE PARKSIDE
TRANSIT COMPANY FOR A STREET RAILROAD OVER AND
ALONG TWENTIETH AVENUE AND T STREET.

On motion of Supervisor Giannini:

Resolution No. 1856 (New Series), as follows:

Resolved, That the bid of the Parkside Transit Company, accompanied by an appropriate bond heretofore filed, for the purchase of the street railway franchise heretofore advertised for sale by the Clerk of this Board, in accordance with the provisions of Resolution No. 1710 (New Series), wherein said Parkside Transit Company bids three (3) per cent of the gross receipts of such railroad for the first five (5) years of the period for which said franchise is to be granted; four (4) per cent of the gross receipts during the next succeeding ten (10) years, and five (5) per cent of the gross receipts during the next succeeding ten (10) years, and agrees to take the same in accordance with the conditions in said Resolution No. 1710 (New Series), set forth and imposed, be, and the same is hereby accepted; and said franchise so described in Resolution No. 1710 (New Series), be, and the same is hereby struck off, sold and awarded to the Parkside Transit Company, a corporation; said corporation being the highest bidder therefor.

Ayes—Supervisors Baneroft, Booth, Broderick, Center, Comte, Giannini, Hacks, Jennings, McAllister, McLeran, Murdock, Murphy, Payot, Pollok, Rixford, Sachs, Stafford—17.

NOTE.—The foregoing Resolution was approved by His Honor, the Mayor, January 29, 1908.

REFERRED.

GRANTING FRANCHISE TO PARKSIDE TRANSIT COMPANY FOR A
STREET RAILROAD OVER AND ALONG TWENTIETH
AVENUE AND W STREET.

Thereupon Supervisor Giannini introduced Bill No. 405, Ordinance No. — (New Series), entitled, "Granting Parkside Transit Company a franchise for a right of way, and the right to construct, maintain and operate a single or double track railroad, together with all necessary branches, side tracks, turn-outs, switches, curves, crossings, spur tracks, yard tracks, depot and terminal tracks and facilities upon, along and across certain streets, avenues, alleys, places and properties in the City and County of San Francisco.

Ordered referred to the Public Utilities Committee.

ORDINANCE GRANTING PARKSIDE TRANSIT COMPANY'S FRANCHISE
ALONG TWENTIETH AVENUE.

The Board of Supervisors on February 3, 1908, passed to print Bill No. 405 (New Series), granting a franchise for a street railway along Twentieth avenue, to the Parkside Transit Company, in accordance with the recommendation of the Public Utilities Committee. The said Bill was, on April 27, 1908 (ninety days subsequent to its introduction as required by the Charter), finally passed as Ordinance No. 425 (New Series), being in terms as follows, to-wit:

BILL NO. 405—ORDINANCE NO. 425.

(New Series.)

Granting to Parkside Transit Company a franchise for a right of way and the right to construct, maintain and operate a single or double track railroad, together with all necessary branches, sidetracks, turn-outs, switches, curves, crossings, spur tracks, yard tracks, depot and terminal tracks and facilities upon, along and across certain streets, avenues, alleys, places and properties in the City and County of San Francisco.

Be it ordained by the people of the City and County of San Francisco as follows:

Section 1. The right of way is hereby granted unto the Parkside Transit Company, its successors or assigns, for the term of twenty-five (25) years, to use portions of the streets, avenues, alleys, places and properties hereinafter named and described for street railroad purposes, as hereinafter set forth, and to that end the said Parkside Transit Company, its successors or assigns, is hereby granted the right to construct, erect, maintain and operate, by means of electricity or such other improved motive power as science has now or may hereafter discover and the laws sanction, a single or double track standard gauge railroad along, upon and across the portions of the streets, avenues, alleys, places and properties upon the routes of and to be traversed by said railroad, upon, along and across the right of way of said Parkside Transit Company.

Section 2. It shall be lawful, and said Parkside Transit Company, its successors or assigns, shall have the right to build, construct, erect and maintain all necessary poles, feed, trolley, guy, stay and sustaining wires, overhead construction, connecting tracks, Y tracks, sidetracks, turn-outs, curves, switches, crossings, spur tracks, yard, depot and terminal tracks, depot, station buildings,

and to connect any or all of said tracks with the main line of the railroad, as hereinafter set forth.

The following is a description of the route referred to, to wit:

Commencing at such point or points in Nineteenth avenue opposite the intersection of W street with Nineteenth avenue as may conveniently admit of connection or connections with the track or tracks of any street railroad now or hereafter constructed on Nineteenth avenue; thence curving westerly into W street; thence running westerly along W street to Twentieth avenue; thence curving northerly into Twentieth avenue; thence running northerly along Twentieth avenue to such point or points in H street opposite the intersection of H street and Twentieth avenue as may conveniently admit of a connection or connections with the track or tracks of any street railroad now or hereafter constructed on H street as said streets and avenues are laid down and designated on the official map of the City and County of San Francisco.

Section 3. The foregoing grants are made upon the following express conditions, to be strictly complied with by the said grantee, its successors or assigns, viz:

First. The grantee, its successors or assigns, shall pay to the City and County of San Francisco, in lawful money of the United States, a percentage upon the gross annual receipts of said grantee, its successors or assigns, arising from the use, operation, possession or enjoyment of such franchise as follows:

Three (3) per centum thereof during the first five years of the period for which said franchise is granted; four (4) per centum thereof during the next succeeding ten years of said period, and five (5) per centum thereof during the next succeeding ten years of such period.

All such per centum of said gross receipts shall be paid into the Treasury of the City and County of San Francisco on or before the tenth day of the next ensuing month after such gross receipts shall have been earned.

Second. The grantee, its successors or assigns, shall continuously operate the whole of the railway hereby authorized, and at the end of the term of this franchise the road, track and bed of said railway and all the stationary fixtures upon the public streets shall become the property of the City and County.

The grantee, its successors or assigns, shall within one hundred days after the date of the grant hereby made, commence the construction of the railway hereby authorized, and continuously thereafter in each and every month until the completion thereof, expend in such construction at least the sum of three thousand dollars.

A failure to comply with any of the conditions in the foregoing paragraphs shall work an immediate forfeiture of such franchise and the road or track constructed thereunder, and there shall be no power in the Board of Supervisors to relieve from such forfeiture or from any of said conditions.

On or before the tenth day of each month, after said receipts shall have been earned, the President and Secretary of said railway company shall make and file with the Clerk of the Board of Supervisors a sworn statement of the gross receipts of such railway for the preceding month.

Third. The franchise hereby granted shall not, upon expiration of the term thereof, be renewed or regranted, and the Board of Supervisors of the City and County of San Francisco shall at all times have power to regulate the rates of fare to be charged by those using, operating, possessing or enjoying this franchise, and the Finance Committee of said Board shall at all times be permitted to examine and inspect their books as to their gross receipts.

Fourth. The grantee, its successors or assigns, shall be required to pave the space between the rails and for two feet each side thereof, and between the tracks, if there be more than one, upon the streets whereon said tracks are to be laid, and to keep the same in good condition and repair under the supervision and to the satisfaction of the Board of Public Works of the City and County.

Fifth. That such street railroads operating under different managements as the Board of Supervisors may permit, or the City and County itself, in the operation of a municipal railroad, shall have the privilege of using said tracks for a distance not exceeding ten (10) consecutive blocks, upon condition that the expense of construction and repair of the tracks and appurtenances used by said railways jointly be equally divided between the respective owners.

Sixth. The grantee, its successors or assigns, shall pay to the City and County as a license upon each car such sum as the Board of Supervisors may fix, provided, however, that such sum shall not exceed fifty dollars (\$50) per annum, nor be less than fifteen dollars (\$15) per annum.

Seventh. That as a condition precedent to the sale and granting of this franchise, the grantee thereunder shall permit and allow all policemen and firemen of the City and County of San Francisco at all times, and all mail carriers in the employ of the United States Government, while engaged in the actual discharge of duty, to ride on the cars of such company without paying any sum of money whatever for fare or otherwise.

Eighth. The City and County of San Francisco shall have the right at any time, during the last ten (10) years of the life of said franchise to acquire the same, together with the power plant, poles, wires, roadbed, rails, rolling stock and other equipment of said railway, at such fair and reasonable valuation as may be agreed upon by the holder of said franchise and the City and County of San Francisco, or failing such agreement at such valuation as may be fixed by a court of competent jurisdiction.

Ninth. Said street railroad franchise is hereby granted, subject to the conditions and restrictions provided in the Charter of the City and County of San Francisco, with particular reference to the following subdivisions and sections of Chapter 2, Article II of said Charter, relating to the powers of the Board of Supervisors, to-wit:

Subdivision 2 and Subdivision 27, as amended February 5, 1903, of Section 1 thereof and Section 6 thereof.

Section 4. This Ordinance shall take effect and be in force from and after its passage.

In Board of Supervisors, San Francisco, April 27, 1908.

After having been published five successive days, according to law, taken up and finally passed by the following vote:

Ayes—Supervisors Bancroft, Booth, Broderick, Center, Comte, Giannini, Hocks, Jennings, Johnston, McAllister, McLeran Murphy, Payot, Pollok, Rixford.
Absent—Supervisors Murdock, Sachs, Stafford.

JOHN E. BEHAN, Clerk.

Approved, San Francisco, May 12, 1908.

EDWARD R. TAYLOR,

Mayor and ex-Officio President of the Board of Supervisors.

RESOLUTION ACCEPTING AGREEMENT OF PARKSIDE TRANSIT COMPANY, RELINQUISHING FRANCHISE ON NINETEENTH AVENUE.

The following is a copy of Resolution No. 2296 (New Series), passed by the Board of Supervisors, accepting agreement of the Parkside Transit Company for the relinquishing and abandonment of a franchise on Nineteenth avenue, heretofore granted to said company by Ordinance No. 288 (New Series):

RESOLUTION NO. 2296.

(New Series.)

Whereas, The Parkside Transit Company, in consideration of the final passage by the Board of Supervisors of the City and County of San Francisco and approved by the Mayor of Bill No. 405, Ordinance No. 425 (New Series),

entitled, "Granting to Parkside Transit Company a franchise for a right of way and the right to construct, maintain and operate a single or double track railroad, together with all necessary branches, sidetracks, turn-outs, switches, curves, crossings, spur tracks, yard tracks, depot and terminal tracks and facilities upon, along and across certain streets, avenues, alleys, places and properties in the City and County of San Francisco," filed on May 4, 1908, the following certified agreement relinquishing that certain franchise heretofore granted to said company by Ordinance No. 288 (New Series) for a street railway along and upon Nineteenth avenue from H to W street:

San Francisco, California, May 4, 1908.

"To the Honorable, the Mayor and Board of Supervisors,
"Of the City and County of San Francisco.

"Gentlemen:—In compliance with those certain agreements, dated September 20, 1907, and October 14, 1907, respectively, supplemental to that certain Ordinance No. 288 (New Series), 'Granting to Parkside Transit Company, a railroad corporation, a franchise for a right of way, and the right to construct, maintain and operate a single or double track railroad, together with all necessary branches, side tracks, turn-outs, switches, curves, crossings, depot and terminal tracks and facilities, along, over, under and across certain streets in the City and County of San Francisco,' which said supplemental agreements contain the stipulation 'that the Parkside Transit Company does hereby bind itself in the event of the final granting of said franchise in its present form and over the present route, to lawfully relinquish and abandon so much of the present route thereof as extends from H street along Nineteenth avenue to W street, upon the final granting to the Parkside Transit Company within the period of six months from date hereof of a franchise to construct, maintain and operate a single or double track electric railway of standard gauge along and upon Twentieth avenue from H street to W street, and along and upon W street from Twentieth avenue to Nineteenth avenue,' which said stipulations were accepted by your Honorable Board by Resolution No. 1444 (New Series), adopted October 14, 1907, and in compliance with said stipulations said Ordinance No. 288 (New Series), making said grant, having been so passed on the 14th day of October, 1907, and subsequently approved by His Honor, the Mayor, the Parkside Transit Company, through its President and Secretary, thereunto duly authorized by resolution of its Board of Directors, a certified copy of which said Resolution is hereunto attached, does hereby relinquish and abandon that portion of the franchise and right of way heretofore granted to it by said Ordinance No. 288 (New Series), which grants to Parkside Transit Company the right of way and right to construct, erect, maintain and operate a street railway along and upon Nineteenth avenue from its intersection with H street to its intersection with W street, said relinquishment and abandonment being made in accordance with said stipulations and agreements, and not otherwise, and in consideration of the final passage and approval of Bill No. 405, Ordinance No. 425, 'Granting Parkside Transit Company a franchise for a right of way and the right to construct, maintain and operate a single or double track railroad, together with all necessary branches, side tracks, turn-outs, switches, curves, crossings, spur tracks, yard tracks, depot and terminal tracks and facilities upon, along and across certain streets, avenues, alleys, places and properties in the City and County of San Francisco,' said grant of said franchises and right of way so granted by said bill No. 405, Ordinance No. 425, being accepted by Parkside Transit Company in lieu of, and substitution for, that portion of the franchise and right of way granted by said Ordinance No. 288 (New Series), which is hereby relinquished and abandoned, provided, always, the said relinquishment and abandonment of said portion of said franchise and right of way shall not be construed as a relinquishment of, or so as

to impair any of the rights secured to Parkside Transit Company by said Ordinance No. 288 (New Series), to construct, maintain and operate a street railway over and along the remaining portions of the routes therein set forth and defined.

“Respectfully submitted,

“PARKSIDE TRANSIT COMPANY,

“By J. E. GREEN, President.

“G. A. NICHOLLS, Secretary.”

RESOLUTION PASSED AT MEETING OF BOARD OF DIRECTORS OF
PARKSIDE TRANSIT COMPANY.

San Francisco, California, May 4, 1908.

This is to certify that at a meeting of the Board of Directors of Parkside Transit Company of San Francisco, regularly convened and held on the 4th day of May, 1908, a quorum being present, the following resolution was unanimously adopted:

“Resolved, That the President and Secretary of the Parkside Transit Company be, and they are, hereby authorized and empowered, on behalf of this Company, to relinquish and abandon, and to signify the relinquishment and abandonment to the Mayor and Board of Supervisors of the City and County of San Francisco, of that portion of the franchise and right of way heretofore granted this company by Ordinance No. 288 (New Series), to construct, maintain and operate a street railroad over and along and upon certain streets in the City and County of San Francisco, which provides for the construction, maintenance and operation of such railroad over and along and upon Nineteenth avenue from H street to W street, such relinquishment and abandonment to be made in accordance with the stipulations of those certain supplemental agreements, dated September 20, 1907, and October 14, 1907, respectively, and supplemental to Ordinance No. 288 (New Series), provided always, such relinquishment and abandonment shall not be construed as a relinquishment or abandonment of, or so as to impair any of the rights secured by said Ordinance to this company, to construct, maintain or operate such railway over and along the remaining portions of the routes therein set forth and defined.”

And I, George A. Nicholls, Secretary of Parkside Transit Company, a corporation, do hereby certify that the foregoing is a true and correct copy of said resolution so passed and adopted by said Board of Directors as aforesaid.

In witness whereof I have hereunto set my hand and affixed the corporate seal of this corporation this 4th day of May, 1908.

(Seal)

G. A. NICHOLLS,

Secretary Parkside Transit Company of San Francisco.

Now, therefore, Resolved, That said agreement wherein and whereby the Parkside Transit Company abandons and relinquishes the franchise heretofore granted to said Company by Ordinance No. 288 (New Series), to construct, maintain and operate a single or double track electric street railway or standard gauge along and upon Nineteenth avenue from H to W streets be and the same is hereby accepted by the Board of Supervisors of the City and County of San Francisco.

And the Clerk is hereby directed to advertise this Resolution in The Evening Post Newspaper.

In Board of Supervisors, San Francisco, May 18, 1908.

Adopted by the following vote:

1196 PARKSIDE TRANSIT COMPANY'S FRANCHISE

Ayes—Supervisors Bancroft, Broderick, Center, Comte, Giannini, Hocks, Jennings, Johnston, McAllister, McLeran, Murdock, Murphy, Payot, Pollok, Rixford.

Absent—Supervisors Booth, Sachs, Stafford.

JOHN E. BEHAN, Clerk.

Approved, San Francisco, May 26, 1908.

EDWARD R. TAYLOR.

Mayor and ex-Officio President of the Board of Supervisors.

ORDINANCES DECLARING NINETEENTH AND TWENTIETH AVENUES
BOULEVARDS REPEALED.

The granting of a franchise by Ordinance No. 288 (New Series) for a street railway along Nineteenth avenue, which thoroughfare had previously been declared by Ordinance No. 1675, approved November 29, 1905, a boulevard upon which no street cars would be allowed to run, necessitated the repeal of said Ordinance, which was done by Ordinance No. 86 (New Series), approved October 22, 1906, entitled, "Repealing an Ordinance numbered 1675, entitled, 'An Ordinance declaring Nineteenth avenue from H street to Ocean avenue as the same,' are laid down upon the map of the City and County of San Francisco, a boulevard, approved November 29, 1905."

In lieu thereof the Board of Supervisors on October 18, 1906, finally passed Bill No. 89, Ordinance No. 85 (New Series), entitled, "Ordinance declaring Twentieth (20th) avenue from H street to W street, as the same are laid down upon the official map of the City and County of San Francisco, a boulevard." Approved October 22, 1906.

When the amended franchise for a street railway was granted to the Parkside Transit Company so as to change the route thereof from Nineteenth avenue to Twentieth avenue the Board of Supervisors on December 9, 1907, finally passed Bill No. 361, Ordinance No. 316, approved December 11, 1907, entitled, "Repealing Ordinance No. 85 (New Series), entitled, 'Ordinance declaring Twentieth (20th) avenue, from H street to W street, as the same is laid down upon the official map of the City and County of San Francisco, a boulevard,' approved October 22, 1906."

Ordinance No. 86 (New Series), repealing Ordinance No. 1675, declaring Nineteenth avenue a boulevard, is still in effect.

Closing of Ocean Avenue

The proceedings in the matter of the grant to the Parkside Transit Company for a street railway franchise in the so-called Parkside District included the closing of Ocean avenue between the Great Highway and Corbett avenue in exchange for the building by the Parkside Realty Company of a new boulevard, 70 feet in width, from Corbett avenue to the Great Highway. The following measures in connection with said proceedings were passed by the Board of Supervisors:

RESOLUTION OF INTENTION TO CLOSE OCEAN AVENUE.

The following is a copy of the Resolution of intention to close Ocean avenue:

RESOLUTION NO. 431.

(New Series.)

Resolution of intention to close Ocean avenue from its intersection with the easterly line of Ocean boulevard (or the Great Highway) to its intersection with the westerly line of Corbett avenue, being for a distance of more than one (1) block.

Whereas, a petition has been filed with this Board by property owners owning a majority of the frontage upon Ocean avenue from its intersection with the easterly line of Ocean boulevard (or Great Highway) to its intersection with the westerly line of Corbett avenue, as laid down on the official maps of the City and County of San Francisco, for the closing and abandoning of said portion of said avenue; and

Whereas, Petitioners represent that they are about to dedicate to the City and County of San Francisco a strip of land seventy (70) feet in width extending from a point of intersection with the westerly line of Corbett avenue to a point of intersection with the easterly line of Ocean boulevard (or the Great Highway), according to the maps now on file with this Board and accompanying said petition; and

Whereas, Said petitioners also represent that they are about to dedicate to the City and County of San Francisco a strip of land along the westerly line of Corbett avenue seventy (70) feet in width from its intersection with the northerly line of Ocean avenue to its intersection with the southerly line of said proposed boulevard at a point of its intersection with what was formerly Dewey boulevard, as also appears from maps on file with this Board and accompanying this petition; and

Whereas, It further appears to this Board that said proposed boulevard from Ocean avenue to the point of intersection of Corbett avenue with Dewey boulevard and thence westerly, as aforesaid, from said point to Ocean boulevard (or the Great Highway) will be graded and macadamized and dedicated as a boulevard; and

Whereas, The public interest and convenience would be conserved thereby; be it

Resolved, That it is the intention of the Board of Supervisors to close and abandon that portion of Ocean avenue which lies between its intersection with

the easterly line of Ocean boulevard (or the Great Highway) and its intersection with the westerly line of Corbett avenue upon the complete performance of the following conditions, viz:

First. The dedication as a boulevard to the City and County of San Francisco of said strip of land seventy (70) feet in width from the intersection with the westerly line of Corbett avenue to its intersection with the easterly line of Ocean boulevard (or the Great Highway), and a strip of land seventy (70) feet in width along the westerly line of Corbett avenue from its intersection with Ocean avenue to its point of intersection with Dewey boulevard, as appears from maps on file with this Board and hereinbefore referred to.

Second. Upon the grading and macadamizing of the lands so to be dedicated as a boulevard throughout their entire length and width.

And the Board of Public Works is hereby directed to cause to be conspicuously posted along the line of said Ocean avenue, and upon the portion thereof included within this Resolution, not more than three hundred (300) feet in distance apart and not less than three (3) in all, notices of the passage of this Resolution, said notices to be headed "Notice of Public Work" in letters not less than one (1) inch in length, in legible characters, and stating the facts of the passage of this Resolution, its date, and briefly the work proposed and referring to this Resolution for further particulars, and said Board of Works is also hereby required to cause a notice similar in substance to be published for a period of ten (10) days in the official newspaper of the City and County of San Francisco, and the Clerk is hereby directed to advertise this Resolution of Intention in the official newspaper for ten (10) successive days, legal holidays excepted.

In Board of Supervisors, San Francisco, October 8, 1906.

Adopted by the following vote:

Ayes—Supervisors Bixton, Coffey, Coleman, Davis, Furey, Gallagher, Kelly, Mamlook, McGushin, Rea, Sanderson, Walsh, Wilson.

Absent—Supervisors Harrigan, Louergan, Nicholas, Phillips.

GEO. B. KEANE, Clerk.

Approved, San Francisco, October 10, 1906.

JAMES L. GALLAGHER,

Mayor and ex-Officio President of the Board of Supervisors.

FIXING TIME FOR HEARING OBJECTIONS TO CLOSING OF OCEAN AVENUE.

The Board of Supervisors on November 19, 1906, and the Mayor on November 22, 1906, approved Resolution No. 541 (New Series), fixing Monday, the 17th day of December, 1906, at the hour of 3:30 o'clock in the Chambers of the Board of Supervisors, at Laguna and Grove streets in the City and County of San Francisco, as the time and place for the hearing of protests and objections to the closing of Ocean avenue. The Clerk of the Board of Supervisors was directed to deposit a copy of said Resolution in the Postoffice of the City and County, postage prepaid, addressed to each protestant and objector as a notice of said hearing.

PROCEEDINGS OF THE BOARD OF SUPERVISORS RELATING TO CLOSING OF OCEAN AVENUE, DECEMBER 17, 1906.

SPECIAL ORDER.

The special order of business, fixed for this day, namely, the hearing in the matter of the closing of Ocean avenue between Corbett avenue and the Great Highway, was proceeded with.

HEARING.

S. A. Smith, property owner of Ingleside, was heard objecting to the closing of the road.

Edward Ewald, property owner of Sunset District, was heard favoring closing of old road and opening of the new.

Whereupon the hearing was ordered closed.

ADOPTED.

OVERRULING OBJECTIONS TO CLOSING OF OCEAN AVENUE.

Thereupon the following Resolution, introduced at the previous meeting, was taken up on question of adoption:

Whereas, This Board did by Resolution No. 541 (New Series) fix the Chambers of the Board of Supervisors at Laguna and Grove streets, in the City and County of San Francisco, as the place, and Monday, the 17th day of December, 1906, at the hour of 3:30 o'clock P. M. of said day, as the time for the hearing of protests and objections heretofore filed with the Clerk of the Board to the closing of Ocean avenue, as set forth and declared in Resolution No. 431 (New Series); and

Whereas, The Clerk of this Board has deposited a copy of said Resolution No. 541 (New Series) in the United States mail, postage prepaid, to each protestant and objector as a notice of said hearing, and has caused said Resolution to be published in the official newspaper, as required by law; and

Whereas, Said protestants and objectors have appeared at the time and place named and have stated their objections to the closing of said avenue, and the same have been heard and considered by this Board; and

Whereas, It is the opinion of this Board that the public interest and convenience would be promoted by the closing of said avenue; now, therefore, be it

Resolved, That said protests and objections be and the same are hereby overruled.

Adopted by the following vote as Resolution No. 618 (New Series):

Ayes—Supervisors Boston, Coffey, Coleman, Davis, Furey, Gallagher, Kelly, Lonergan, Mamlock, McGushin, Nicholas, Phillips, Rea, Walsh, Wilson—15.

PASSED FOR PRINTING.

CLOSING OCEAN AVENUE BETWEEN CORBETT AVENUE AND THE GREAT HIGHWAY.

Supervisor Rea introduced Bill No. 132, Ordinance No. — (New Series, entitled, "Closing, vacating and abandoning Ocean avenue from its intersection with the easterly line of Ocean boulevard (or the Great Highway) to its intersection with the westerly line of Corbett avenue, being for a distance of one (1) block," which was on his motion passed for printing.

ORDINANCE CLOSING, VACATING AND ABANDONING A PORTION OF OCEAN AVENUE.

The following is a copy of the Ordinance passed by the Board of Supervisors, closing, vacating and abandoning a portion of Ocean avenue:

CLOSING OF OCEAN AVENUE

BILL NO. 132—ORDINANCE NO. 121.

(New Series.)

Closing, Vacating and abandoning Ocean avenue from its intersection with the easterly line of Ocean boulevard (or the Great Highway) to its intersection with the westerly line of Corbett avenue, being for a distance of one (1) block.

Whereas, This Board has, by Resolution No. 431 (New Series), declared its intention to close, vacate and abandon Ocean avenue from its intersection with the easterly line of Ocean boulevard (or Great Highway) to its intersection with the westerly line of Corbett avenue, as in said Resolution No. 431 (New Series) described and set forth; and

Whereas, Proper publication of said Resolution of Intention of notice of said street work, and of posting of the same, has been made as required by law and said Resolution; and

Whereas, The time allowed by law for filing objections thereto has expired and all objections thereto heretofore filed have been heard in accordance with Resolution No. 541 (New Series) considered and overruled; and

Whereas, The said work is for closing up said avenue and it appears that no assessment is necessary therefor; now, therefore,

Be it ordained by the people of the City and County of San Francisco as follows:

Section 1. That said Ocean avenue from its intersection with the easterly line of the Ocean boulevard (or the Great Highway) to its intersection with the westerly line of Corbett avenue, as the same appears on the official map of the City and County of San Francisco, be and the same is hereby closed, vacated and abandoned upon the conditions set forth and declared in said Resolution of Intention No. 431 (New Series).

Section 2. This Ordinance shall take effect immediately.

In Board of Supervisors, San Francisco, December 31, 1906.

After having been published five successive days, according to law, taken up and finally passed by the following vote:

Ayes—Supervisors Boston, Coleman, Davis, Furey, Gallagher, Lonergan, Mamlock, McGushin, Nicholas, Rea, Walsh, Wilson.

Absent—Supervisors Coffey, Harrigan, Kelly, Phillips, Sanderson.

GEO. B. KEANE, Clerk.

Approved, San Francisco, January 2, 1907.

E. E. SCHMITZ,

Mayor and ex-Officio President of the Board of Supervisors.

PARKSIDE REALTY COMPANY FILES DEED TO LAND FOR NEW
BOULEVARD.

The Parkside Realty Company on April 20, 1908, filed the following communication, transmitting a deed to lands for a new boulevard to connect the Great Highway with Corbett avenue:

San Francisco, California, April 20, 1908.

To the Honorable, the Mayor and Board of Supervisors,
Of the City and County of San Francisco.

Gentlemen:—In accordance with the requirements of Ordinance No. 121 (New Series), entitled "Closing, vacating and abandoning Ocean avenue from its intersection with the easterly line of Ocean boulevard (or the Great Highway) to its intersection with the westerly line of Corbett avenue, being for a

distance of more than one (1) block," passed December 31, 1906, by the terms of which the portion of Ocean avenue so described was closed, vacated and abandoned upon certain conditions set forth and declared in Resolution of Intention No. 431 (New Series), the undersigned, Parkside Realty Company of San Francisco, hereby presents a grant, bargain and sale deed to the City and County of San Francisco of certain lands in said deed described and constituting a strip of land seventy (70) feet in width from its intersection with the westerly line of Corbett avenue to its intersection with the easterly line of Ocean Boulevard (or the Great Highway), a distance of approximately 10,000 feet, and a strip of land seventy (70) feet in width along the westerly line of Corbett avenue from its intersection with Ocean avenue to its point of intersection with Dewey boulevard, a distance of approximately 1,400 feet, as more particularly appears from the map hereto attached and from the description contained in the accompanying deed.

The lands so conveyed are free from all incumbrances, and the deed so delivered is intended as a dedication of such lands to the City and County of San Francisco for general street and boulevard purposes, in accordance with the provisions of said Resolution of Intention No. 431 (New Series) referred to in said Ordinance No. 121 (New Series) and declaring the intention of said Board to close said portions of Ocean avenue and thereby closing the same.

In further compliance with the conditions of said Ordinance No. 121 (New Series), the Parkside Realty Company of San Francisco has been engaged during the past year in the grading and macadamizing of this new boulevard popularly known as "Parkside boulevard," throughout its entire length and width.

The lands so conveyed contain more than sixteen (16) acres. This work, as now completed, constitutes one of the most beautiful driveways and boulevards in the State of California, and this work has been done and these lands are now dedicated to the people of the City and County of San Francisco without cost to them. Owing to its location and the want of railroad facilities, this work has heretofore attracted but little attention.

The recent grant to the Parkside Transit Company of a franchise for a street railway, which is now being constructed, will soon bring it within the enjoyment of all. It is the desire of the Parkside Realty Company of San Francisco that his Honor, the Mayor, and the members of the Board of Supervisors should be afforded an opportunity to inspect this great work, and for that purpose the company hereby extends an invitation to these officials to be the guests of this company on some day in the near future convenient to them. Transportation will be provided by the company.

Respectfully submitted,

PARKSIDE REALTY COMPANY OF SAN FRANCISCO,

(Seal)

By J. E. GREEN, President.

ACCEPTING DEED FROM THE PARKSIDE REALTY COMPANY TO LANDS
DESIGNATED AS SLOAT BOULEVARD.

The following is a copy of the Ordinance accepting a deed from the Parkside Realty Company to lands connecting the Great Highway with Corbett avenue in accordance with the agreement of said company in return for the closing of Ocean avenue:

BILL NO. 522.—ORDINANCE NO. 446.

(New Series.)

Accepting deed from the Parkside Realty Company of San Francisco (a corporation) to lands connecting the Great Highway with Corbett avenue, declaring said lands to be an open public street and naming the same "Sloat" boulevard.

Series), entitled, "Closing, vacating and abandoning Ocean avenue from its intersection with the easterly line of Ocean boulevard (or the Great Highway) to its intersection with the westerly line of Corbett avenue, being for a distance of one (1) block," passed on the 31st day of December, 1906, and approved on the 2d day of January, 1907, close, vacate and abandon Ocean avenue from its intersection with the easterly line of Ocean boulevard (or the Great Highway) to its intersection with the westerly line of Corbett avenue, as the same appears on the official map of the City and County of San Francisco, upon the conditions set forth and declared in Resolution of Intention No. 431 (New Series), passed, October 8, 1906, and approved October 10, 1906, to-wit: In lieu of the closing of said Ocean avenue from the Ocean boulevard (or the Great Highway) to Corbett avenue to dedicate in exchange therefor, to the City and County of San Francisco as a boulevard a strip of land seventy (70) feet in width from the intersection of the westerly line of Corbett avenue to its intersection with the easterly line of Ocean boulevard (or the Great Highway), and a strip of land seventy (70) feet in width along the westerly line of Corbett avenue from its intersection with Ocean avenue to a point of intersection with Dewey boulevard, as delineated on a map filed with the Board of Supervisors, and to grade and macadamize the lands so to be dedicated as a boulevard throughout their entire length and width; and

Whereas, Said conditions have been complied with by the Parkside Realty Company, which by and through its duly authorized officials did on the 23d day of January, 1908, deed to the City and County of San Francisco the lands so specified in said Resolution of Intention No. 431 (New Series) and more particularly described in said deed; now, therefore,

Be it ordained by the people of the City and County of San Francisco as follows:

Section 1. The Parkside Realty Company (a corporation), having by J. E. Green and G. A. Nicholls, President and Secretary respectively of said company, deeded on the 23d day of January, 1908, the following described lands, to-wit:

Parcel 1. Beginning at a stake marked A-7 on the northerly line of Ocean avenue, said point bearing north forty-nine (49) degrees, one (1) minute west, and distant one hundred and thirty-four and 16-100 (134.16) feet, more or less, from an iron monument in the center of Ocean avenue and the west line of Corbett avenue produced; thence north seventy-eight (78) degrees, fifty-five (55) minutes, east fifty-four and 35-100 (54.35) feet, more or less, to a stake marked A-8; thence north forty-three (43) degrees, thirty-nine (39) minutes, east twenty-six and 8-100 (26.08) feet, more or less, said point being thirty-five (35) feet westerly at right angles to the westerly line of Corbett avenue produced; thence north two (2) degrees, twenty-nine (29) minutes east parallel to the westerly line of Corbett avenue; and thirty-five (35) feet at right angles from it, nine hundred and twenty-five and 48-100 (925.48) feet, more or less, said point being the point of curve of a circular curve to the left, the radius being three hundred and twenty (320) feet, the back tangent being parallel to and thirty-five (35) feet at right angles westerly from the west line of Corbett avenue; thence along said curve five hundred and twenty-seven and 23-100 (527.23) feet, more or less, to a point, said point being fifty (50) feet southerly at right angles from the southerly boundary of Leopold W. H. Green's land; thence south eighty-eight (88) degrees, five (5) minutes west

parallel to said southerly boundary line of Leopold W. H. Green's land and (50) feet at right angles from it, six hundred and seventy-two and 79-100 (672.79) feet, more or less, to the easterly line of Nineteenth avenue; thence south three (3) degrees, eight (8) minutes east seventy and 2-100 (70.02) feet, more or less, along the easterly line of Nineteenth avenue to a stake marked A-4; thence north eighty-eight (88) degrees, (5) minutes east, six hundred and seventy-one and 30-100 (671.30) feet, more or less, to a stake marked A-5; said stake being the point of curve of a circular curve to the right, the radius being two hundred and fifty (250) feet, the back tangent being parallel to and one hundred and twenty (120) feet at right angles southerly from the southerly boundary line of Leopold W. H. Green's land; thence along said curve four hundred and eleven and 93-100 (411.93) feet, more or less, to a stake marked A-6, said stake being distant one hundred and five (105) feet at right angles westerly from the westerly line of Corbett avenue; thence south two (2) degrees, twenty-nine (29) minutes west along a line parallel with and one hundred and five (105) feet at right angles westerly from the westerly line of Corbett avenue nine hundred and fifty-seven and 86-100 (957.86) feet, more or less, to a stake marked A-7, or place of beginning; also

Parcel 2. Beginning at a stake marked B-10 on the westerly line of Nineteenth avenue, said stake being one hundred and twenty (120) feet, more or less, at right angles southerly from the southerly boundary line of Wm. H. Green's land; thence north 3 degrees 08 minutes west along said westerly line of Nineteenth avenue, seventy and 23-100 (70.23) feet, more or less; thence north 88 degrees 29 minutes west two hundred and forty-six and 95-100 (246.95) feet, more or less, to a point thirty-five (35) feet southerly and at right angles to the southerly boundary line of Wm. H. Green's land; thence south 88 degrees 05 minutes west, parallel to said southerly boundary of Wm. H. Green's land, six hundred and forty-one and 80-100 (641.80) feet, more or less, to a point thirty-five (35) feet southerly of the southwest corner of said Wm. H. Green's land; thence south 86 degrees 49 minutes west, four thousand four hundred and fifty-five and 36-100 (4,455.36) feet, more or less; thence south 86 degrees 50 minutes west two and 87-100 (2.87) feet, more or less; thence south 70 degrees 08 minutes west, two hundred and forty-three and 60-100 (243.60) feet, more or less, to a stake marked B-6, said stake being at the point of intersection of the northerly line of the Spring Valley Water Company's land with a line parallel to and one hundred and five (105) feet at right angles southerly from the northerly line of Market street; thence north 86 degrees, 50 minutes east, two hundred and thirty-six and 2-10 (236.2) feet, more or less, to a stake marked B-7, which is one hundred and five (105) feet southerly at right angles from the northerly line of Market street; thence north 86 degrees, 49 minutes east, four thousand four hundred and fifty-four and 6-10 (4,454.6) feet, more or less, to a stake marked B-8, which is one hundred and five (105) feet southerly at right angles from said Wm. H. Green's southerly boundary line; thence north 88 degrees, 05 minutes east, six hundred and thirty-eight and 93-100 (638.93) feet, more or less, to a stake marked B-9, which is one hundred and five (105) feet southerly at right angles from said Wm. H. Green's southerly boundary line; thence south 88 degrees, 29 minutes east, two hundred and fifty and 54-100 (250.54) feet, more or less, to a stake on the westerly line of Nineteenth avenue marked B-10, or place of beginning; also

Parcel 3. Beginning at a stake marked C-8, said stake bearing south 0 degrees, 1 minute west, one hundred and five and 1-10 (105.1) feet, more or less, from a stake marked C-1, said stake C-1 being on the northerly line of Market street, distant four hundred and eighty-five and 35-100 (485.35) feet, more or less, from the northwest corner of Market street and Thirty-ninth avenue, measured in a westerly direction; thence north 0 degrees, 01 minutes east, seventy and 04-100 (70.04) feet, more or less; thence in a northwesterly

direction on a circular curve, the radius of which is one hundred and eighty-two and 5-10 (182.5) feet, more or less, the center of said circular curve being one hundred and forty-seven and 5-10 (147.5) feet, more or less, northerly at right angles to the northerly line of Market street from the stake marked C-1 for a distance of one hundred and seventy-six (176) feet, more or less, said distance being measured along the arc, the central angle of which is 55 degrees, 15 $\frac{1}{4}$ minutes; thence on a circular curve to the left, the radius of which is one thousand four hundred and fifty-two and 58-100 feet more or less, for a distance of one thousand three hundred and thirty-five and 96-100 (1,335.96) feet, more or less, said distance being measured along the curve, the central angle of which is 52 degrees, 41 $\frac{3}{4}$ minutes, to a point thirty-five (35) feet southerly from a stake marked C-3, said stake being on the southern boundary of the addition to the Pueblo lands of the City and County of San Francisco, the forward tangent being parallel to and thirty-five (35) feet at right angles southerly from the southern boundary of the addition to the Pueblo lands of the City and County of San Francisco; thence along said tangent westerly nine hundred and seven and 80-100 (907.80) feet, more or less; thence northerly thirty-five (35) feet, more or less, at right angles to said tangent, to the intersection of the easterly line of the Great Highway with the southern boundary of the addition to the Pueblo lands of the City and County of San Francisco; thence westerly along said southern boundary of the addition to the Pueblo lands of the City and County of San Francisco one hundred and five (105) feet, more or less, to a stake marked C-4; thence on a circular curve to the left, the radius of which is one hundred and five (105) feet, more or less, the center of said curve being the intersection of the easterly line of the Great Highway with the southern boundary of the addition to the Pueblo lands of the City and County of San Francisco for a distance of one hundred and sixty-four and 93-100 (164.93) feet, more or less, said distance being measured along the curve whose central angle is 90 degrees, said point being a stake marked C-5; thence east and parallel to the southern boundary of the addition to the Pueblo lands of the City and County of San Francisco nine hundred and seven and 80-100 (907.80) feet, more or less, to a stake marked C-6; thence on a curve to the right, the radius of which is one thousand three hundred and eighty-two and 58-100 (1,382.58) feet, more or less, the backward tangent being parallel to the southern boundary of the addition to the Pueblo lands of the City and County of San Francisco, for a distance of one thousand two hundred and seventy-one and 58-100 (1,271.58) feet, more or less, said distance being measured along the curve, whose central angle is 52 degrees, 41 $\frac{3}{4}$ minutes, to a stake marked C-7; thence on a circular curve to the left, the radius being two hundred and fifty-two and 5-10 (252.5) feet, more or less, for a distance of two hundred and forty and 38-100 (240.38) feet, more or less, said distance being measured along the curve, whose central angle is 54 degrees, 32 $\frac{3}{4}$ minutes, to a stake marked C-8, or place of beginning.

Parcel 4. A strip of land one hundred (100) feet wide from the said proposed boulevard to the easterly line of the Lake Merced Rancho, the northwest boundary of which said strip of land shall have a course of south 47 degrees, 15 minutes west, from the northeasterly corner of the Lake Merced Rancho, and extending from said corner along said course to the easterly boundary line of said boulevard, the southeasterly boundary of said strip being one hundred (100) feet distant therefrom, measured at right angles and parallel thereto, the said strip of land connecting the party of the first part across said boulevard with the Corbett road near its junction with the Dewey boulevard. Said fourth parcel of land being conveyed, however, subject at all times to the right of the said grantor, its successors and assigns, to construct, maintain and operate along and upon the thirty-five (35) feet thereof lying along the northeastern boundary of and parallel with said proposed boulevard,

a single or double track street railroad, together with all the necessary curves, turn-outs, side tracks, switches, crossings, spur tracks, terminal tracks and other facilities.

The said deed is hereby accepted and the said street is hereby declared to be an open public street, to be known and designated as "Sloat boulevard."

Section 2. The attention of the Assessor, the Recorder, the Board of Public Works and the City Engineer is hereby called to the provisions of this Ordinance.

Section 3. The Clerk of the Board is hereby directed to file in the office of the City and County Recorder the map of said boulevard.

In Board of Supervisors, San Francisco, June 1, 1908.

After having been published five successive days, according to law, taken up and finally passed by the following vote:

Ayes—Supervisors Bancroft, Booth, Broderick, Center, Comte, Connolly, D'Ancona, Giannini, Hocks, Jennings, Johnston, McAllister, McLeran, Murdock, Murphy, Payot, Pollok, Rixford.

JOHN E. BEHAN, Clerk.

Approved, San Francisco, June 10, 1908.

EDWARD R. TAYLOR,
Mayor and ex-Officio President of the Board of Supervisors.

The deed referred to in the foregoing Ordinance is recorded in Book 219, page 195, of Deeds, in office of the Recorder of the City and County of San Francisco.

Presidio and Ferries Railroad Co.'s Franchise

COMPANY FILES APPLICATION FOR FRANCHISE.

Application was made to the Board of Supervisors of the City and County of San Francisco by the Presidio and Ferries Railroad Company (a corporation), through petition filed March 30, 1908, for a franchise for a term of years from the date of approval of the franchise until December 10, 1913, to construct, lay down and operate a single or double track street railroad, with all the necessary branches, sidetracks, turnouts, switches, crossings, curves, connections and facilities, upon, along and across the following described route, to wit:

Commencing at a point formed by the intersection of Union and Larkin streets; thence running southerly along said Larkin street to the intersection of Larkin and Vallejo streets; thence curving into Vallejo street, and running westerly along said Vallejo street to the intersection of Franklin and Vallejo streets, and thence curving into Franklin street and running northerly along Franklin street to the intersection of said Franklin and Union streets.

The street railway franchise along the route hereinbefore described was desired by the Presidio and Ferries Railroad Company for the reason that it was impracticable to operate cars by electric power over the steep hill on Union street, between Larkin and Franklin streets, the said company having been granted permission by Ordinance No. 51 (New Series), approved September 14, 1906, to operate its several lines, including that on Union street, by electric power.

RESOLUTION DETERMINING TO GRANT FRANCHISE.

The Board of Supervisors passed on April 20, 1908, and on April 30, 1908, his Honor, the Mayor, approved Resolution No. 2202 (New Series), determining to grant a street railway franchise, in accordance with the application filed by the Presidio and Ferries Railroad Company. The said Resolution recited that the public interest would be subserved by the grant of such franchise, also specified the conditions under which the franchise would be granted and directed the Clerk of the Board of Supervisors to advertise for sealed proposals or bids for the sale of the franchise, in accordance with the provisions of the Charter and with the terms of said Resolution, said bids to be filed with the Clerk not later than Saturday June 6, 1908, at the hour of 12 o'clock M. Monday, June 8, 1908, at the hour of 3 P. M., was fixed as the hour and date for the opening of said proposals, or bids, and for the awarding of said franchise.

BOARD OF SUPERVISORS GRANTS TEMPORARY PERMIT.

The Board of Supervisors on April 20, 1908, passed Ordinance No. 418 (New Series), granting temporary permission to the Presidio and Ferries Railroad Company to lay down tracks and operate cars thereon upon the streets hereinbefore described, pending the hearing and determination of the application of said company for a street railway franchise along said route. The said Ordinance was in terms as follows, to wit:

PRESIDIO & FERRIES RAILROAD CO.'S FRANCHISE 1207

BILL NO. 488. ORDINANCE NO. 418.

(New Series.)

Granting to the Presidio and Ferries Railroad Company temporary permission, revocable at the will of the Board of Supervisors, for the laying down of railway tracks and the operating of cars thereon with electricity by means of the overhead trolley system, upon, along and across Larkin street, between Union and Vallejo streets; Vallejo street, between Larkin and Franklin streets, and Franklin street, between Vallejo and Union streets, to connect with the railroad tracks now laid on Union street.

Be it ordained by the People of the City and County of San Francisco as follows:

Section 1. Temporary permission, revocable at the will of the Board of Supervisors, is hereby granted to the Presidio and Ferries Railroad Company, for the laying down of railroad tracks and operating cars thereon with electricity by means of the overhead trolley system, upon, along and across Larkin street, between Union and Vallejo streets; Vallejo street, between Larkin and Franklin streets, and Franklin street, between Vallejo and Union streets, to connect with the railroad tracks now laid on Union street.

Section 2. Said permission is granted for such limited time pending the hearing and determination of an application filed on March 30, 1908, by the Presidio and Ferries Railroad Company for a franchise to construct and operate a street railway along the route hereinbefore described, it being understood that the franchise will be awarded to the highest competitive bidder therefor.

Section 3. Said temporary permission is granted on the further condition that the permittee shall, so far as lies within his or its power, maintain reciprocal transfer privileges with lines of street railroads intersecting Union street at Polk street and at Hyde street.

Section 4. The railway tracks and appurtenances constructed on the streets hereinabove named shall be laid in conformity with the laws of the State of California and of the City and County of San Francisco, and said work shall be performed under the supervision and to the satisfaction of the Board of Public Works.

Section 5. This Ordinance shall take effect immediately.

In Board of Supervisors, San Francisco, April 20, 1908.

After having been published five successive days, according to law, taken up and finally passed by the following vote:

Ayes—Supervisors Bancroft, Booth, Broderick, Comte, Giannini, Hocks, Jennings, Johnston, McAllister, McLeran, Murdock, Murphy, Payot, Pollok, Rixford, Stafford.

Absent—Supervisors Center, Sachs.

JOHN E. BEHAN, Clerk.

Approved, San Francisco, April 30, 1908.

EDWARD R. TAYLOR,

Mayor and ex-officio President of the Board of Supervisors.

BID FOR FRANCHISE ACCEPTED.

The following is a copy of Resolution No. 2384 (New Series), accepting the bid of the Presidio and Ferries Railroad Company, the only one filed, for a street railway franchise, in accordance with the provisions of Resolution No. 2202 (New Series), to wit:

1208 PRESIDIO & FERRIES RAILROAD CO.'S FRANCHISE

RESOLUTION NO. 2384.

(New Series.)

Resolved, That the bid of Presidio and Ferries Railroad Company, accompanied by an appropriate bond heretofore filed, for the purchase of the street railway franchise heretofore advertised for sale by the Clerk of this Board, in accordance with the provisions of Resolution No. 2202 (New Series), wherein said Presidio and Ferries Railroad Company bids three (3) per cent of the gross receipts of such railroad for the first five (5) years of the period for which said franchise is to be granted, and four (4) per cent of the gross receipts during the remainder of said period and agrees to take the same in accordance with the conditions in said Resolution No. 2202 (New Series), set forth and imposed, be and the same is hereby accepted; and said franchise so described in Resolution No. 2202 (New Series) be and the same is hereby struck off, sold and awarded to the Presidio and Ferries Railroad Company, a corporation, said corporation being the highest bidder therefor.

And the Clerk is hereby directed to advertise this Resolution in the Evening Post Newspaper.

In Board of Supervisors, San Francisco, June 8, 1908.

Adopted by the following vote:

Ayes—Supervisors Bancroft, Booth, Broderick, Center, Connolly, D'Ancona, Giambini, Hocks, Jennings, Johnston, McAllister, McLeran, Murdock, Murphy, Pollok, Rixford.

Absent—Supervisors Comte, Payot.

JOHN E. BEHAN, Clerk.

Approved, San Francisco, June 10, 1908.

EDWARD R. TAYLOR,

Mayor and ex-officio President of the Board of Supervisors.

ORDINANCE GRANTING FRANCHISE.

The following is a copy of Ordinance No. 547 (New Series) passed by the Board of Supervisors September 8, 1908, granting to the Presidio and Ferries Railroad Company a franchise for a street railway, to wit:

BILL NO. 562. ORDINANCE NO. 547.

(New Series.)

Granting to Presidio and Ferries Railroad Company (a corporation) a franchise for a right of way, and the right to construct, maintain and operate a single or double track railroad, together with all necessary branches, sidetracks, turnouts, switches, curves, crossings, and facilities upon, along and across certain streets in the City and County of San Francisco.

Be it ordained by the People of the City and County of San Francisco as follows:

Section 1. The right of way is hereby granted unto the Presidio and Ferries Railroad Company (a corporation), its successors or assigns, for a term of years from the date of approval of this Ordinance until December 10, 1913, to use portions of the streets hereinafter named and described, for street railroad purposes, as hereinafter set forth, and to that end the said Presidio and Ferries Railroad Company, its successors or assigns, is hereby granted the right to construct, erect, maintain and operate, by means of electricity or such other improved motive power as science has now or may hereafter discover and the laws sanction, a single or double track standard gauge railroad along, upon and across the portions of the streets hereinafter set forth.

Section 2. It shall be lawful, and said Presidio and Ferries Railroad Company, its successors or assigns, shall have the right to build, construct, erect, lay and maintain, all necessary poles, feed, trolley, guy, stay and sustaining wires overhead construction, underground construction connecting tracks, Y tracks, sidetracks, turnouts, curves, switches, crossings, and to connect any or all of said tracks with the line of any street railroad, or railroads constructed, maintained or operated under the franchise hereby granted, or any other railroad or railroads now or hereafter constructed, maintained or operated under any other franchise along or upon or across any of the streets hereinafter set forth.

The following is a description of the route referred to, to wit:

Commencing at a point formed by the intersection of Union and Larkin streets, and thence curving into Franklin street and running northerly along Larkin and Vallejo streets; thence curving into Vallejo street, and running westerly along said Vallejo street to the intersection of Franklin and Vallejo streets, and thence curving into Franklin street and running northerly along Franklin street to the intersection of said Franklin and Union streets.

Section 3. The foregoing grants are made upon the following express conditions, to be strictly complied with by the said grantee, its successors or assigns, viz:

First—The grantee, its successors or assigns, shall pay to the City and County of San Francisco, in lawful money of the United States, a percentage upon the gross receipts of said grantee, its successors or assigns, arising from the use, operation, possession or enjoyment of such franchise, as follows:

Three (3) per centum thereof during the first five years of the period for which said franchise is granted and four (4) per centum thereof during the remainder of said period.

All such percentum of said gross receipts shall be paid into the treasury of the City and County of San Francisco, on or before the tenth day of the next ensuing month after such gross receipts shall have been earned.

Second—The grantee, its successors or assigns, shall continuously operate the whole of the railway hereby authorized, and at the end of the term of this franchise the road track and bed of said railway and all its stationary fixtures upon the public streets shall become the property of the City and County.

The grantee, its successors or assigns, shall within one hundred days after the date of the grant hereby made commence the construction of the railway hereby authorized, and continuously thereafter in each and every month until the completion thereof expend in such construction at least the sum of three thousand dollars.

A failure to comply with any of the conditions in the foregoing paragraphs shall work an immediate forfeiture of such franchise and the road or track constructed thereunder, and there shall be no power in the Board of Supervisors to relieve from such forfeiture or from any of said conditions.

On or before the tenth day of each month, after said receipts shall have been earned, the president and secretary of said railway company shall make and file with the Clerk of the Board of Supervisors a sworn statement of the gross receipts of such railway for the preceding month.

Third—The franchise hereby granted shall not, upon expiration of the term thereof, be renewed or regranted, and the Board of Supervisors of the City and County of San Francisco shall at all times have power to regulate the rates of fare to be charged by those using, operating, possessing or enjoying this franchise, and the Finance Committee of said Board shall at all times be permitted to examine and inspect their books as to their gross receipts.

Fourth—That the grantee operating under this franchise shall, so far as lies within its power, maintain reciprocal transfer privileges with lines of street railroad intersecting Union street at Polk street and at Hyde street.

1210 PRESIDIO & FERRIES RAILROAD CO.'S FRANCHISE

Fifth—That the grantee operating under this franchise shall install and maintain first-class ornamental iron poles of design to be approved by the Board of Supervisors, for use in the permanent construction of the lines and the feed wires shall be carried underground. Upon each alternate pole along said streets the grantee shall install and maintain at its own expense and without expense to the City and County, electric lights for the lighting of the streets traversed.

Sixth—The grantee operating under this franchise shall be required to pave the space between the rails and for two feet each side thereof, and between the tracks if there be more than one upon the streets whereon said tracks are to be laid, and to keep the same in good condition and repair under the supervision and to the satisfaction of the Board of Public Works of the City and County.

Seventh—That such street railways operating under different managements as the Board of Supervisors may permit, or the City and County itself, in the operation of a municipal railroad, shall have the privilege of using said tracks for a distance not exceeding ten (10) consecutive blocks, upon condition that the expense of construction and repair of the tracks and appurtenances used by said railways jointly be equitably divided between the respective owners.

Eighth—The grantee operating under this franchise must pay to the City and County as a license upon each car such sum as the Board of Supervisors may fix, provided, however, that such sum shall not exceed fifty (\$50.00) dollars per annum, nor be less than fifteen (\$15.00) dollars per annum.

Ninth—That as a condition precedent to the sale and granting of this franchise the grantee thereunder shall permit and allow all policemen and firemen of the City and County of San Francisco at all times, and all mail carriers in the employ of the United States Government, while engaged in the actual discharge of duty, to ride on the cars of such company, without paying any sum of money whatever for fare or otherwise.

Tenth—Said street railroad franchise is hereby granted, subject to the conditions and restrictions provided in the Charter of the City and County of San Francisco, with particular reference to the following subdivisions and sections of Chapter II, Article II of said Charter, relating to the powers of the Board of Supervisors, to wit:

Subdivision 2 and subdivision 27, as amended February 5, 1903, of Section 1 thereof, and Section 6 thereof.

Section 4. This Ordinance shall take effect and be in force from and after its passage.

In Board of Supervisors, San Francisco, September 8, 1908.

After having been published five successive days, according to law, taken up and finally passed by the following vote:

Ayes—Supervisors Bancroft, Booth, Broderick, Center, Comte, Connolly, D'Ancona, Giannini, Hocks, Johnston,⁸ McLeran, Murdock, Murphy, Payot, Pollok, Rixford.

Absent—Supervisors Jennings, McAllister.

JOHN E. BEHAN, Clerk.

Approved, San Francisco, September 14, 1908.

EDWARD R. TAYLOR,

Mayor and ex-officio President of the Board of Supervisors.

NOTE.—The life of the foregoing franchise ends coincident with the unexpired term of the twenty-five years' franchise granted to the Presidio and Ferries Railroad Company by Order No. 1549, approved December 30, 1879, Order No. 2015, approved December 10, 1888, and Order No. 2419, approved July 29, 1891. (See Appendix to Municipal Reports, fiscal year 1891-92, pages 310-312.)

Bond Issue of 1908

Upon the reorganization of the Board of Supervisors in July, 1907, the consideration of many important matters relating to the rehabilitation of the Municipal Government became imperative. From the effects of the fire of April, 1906, little progress had been made in the matter of providing for the reconstruction of the public buildings destroyed and the carrying out of important projects that had been deemed necessary before the great catastrophe.

The bond issue of 1904, authorized to the amount of over \$17,000,000, could not be utilized for any purpose at this time owing to the fact that the bonds authorized bore interest at only three and one-half per cent, and financial conditions were such that they could not be sold. Moreover, new undertakings must be provided for, and consequently one of the urgent matters to be considered by the Supervisors was the raising of funds through an issue of bonds wherewith to construct new buildings and meet pressing necessities. This matter was referred to the Committee on Public Utilities, consisting of Supervisors D'Ancona, Booth and Molera, and as soon as possible the committee commenced its investigations.

A number of public meetings were held and the various departments submitted their recommendations. The conclusions arrived at by the committee were expressed in the following report submitted on January 6, 1908:

REPORT OF PUBLIC UTILITIES COMMITTEE ON PROJECTS TO BE INCLUDED IN PROPOSED BOND ISSUE.

To the Honorable, the Board of Supervisors,
Of the City and County of San Francisco.

Gentlemen:—Your Committee on Public Utilities to which were referred the various propositions relating to a proposed bond issue begs leave to make the following report:

We have received the recommendations of various committees of your Honorable Body, and also reports from the various administrative branches, setting forth the urgent needs of their respective departments for public buildings and improvements, the cost of which cannot be defrayed from the annual income of the City and County.

The borrowing capacity of the City at the present time is approximately \$64,000,000, against which stands an existing bonded debt of nearly \$4,000,000. It is therefore possible at the present time to incur an additional debt of \$60,000,000.

From year to year, however, owing to an almost certain increase of the assessed valuation of the City, the maximum of possible bonded indebtedness will become rapidly greater and greater.

Whatever may be the amount of bonded indebtedness your Honorable Body may ultimately decide upon, a sufficient amount should be reserved for the acquisition of Public Water Works, the water to be obtained from the best possible source in the Sierra Mountains.

So short a time has elapsed since the Charter Amendments were adopted by the people and ratified by the Legislature that the committee has had no time to consider in detail anything besides the reconstruction of properties destroyed in the earthquake and fire and such other improvements as commend

themselves to the entire body of the people, and about which there can be no serious difference of opinion.

Your committee therefore presents the following projects as matters of urgent necessity:

1. Auxiliary water system for fire protection.....		\$ 5,500,000
2. Fire Department buildings.....		1,000,000
Department of Electricity building		250,000
3. Sewer system		4,000,000
4. Repaving streets		2,500,000
5. City Hall		5,000,000
6. School buildings and lands		7,000,000
7. Main Library building and branches.....		1,500,000
8. Hospital buildings and lands.....		2,000,000
9. Hall of Justice and Health Department.....		750,000
County Jail		200,000
10. Parks—		
Telegraph Hill	\$500,000	
Twin Peaks	150,000	
Fairmount Hill	150,000	
Bay View	100,000	
Islais Creek	500,000	
Potrero Heights	250,000	
Bernal Heights	100,000	
Ocean View	100,000	
Hunter's Point	100,000	
University Mound	200,000	
Visitation	100,000	\$ 2,250,000
11. Playgrounds—		
Mission	\$350,000	
Potrero	150,000	500,000
12. Purchase of land at Sacramento and East streets to facilitate traffic to Ferry		200,000
		\$32,650,000

While it will probably be necessary to cancel the unsold portions of the bonds authorized in 1903, owing to the low rate of interest provided, your committee is of the opinion that at least six series of the sewer bonds can be sold, one series annually for six years, thus increasing the amount available for sewer protection by \$1,087,000. It is also possible to sell the remaining unsold portion of the street bonds aggregating \$898,000, as the owners of property on the streets to be reconstructed have a special interest therein, over and above that of the citizens in general, and they can be depended upon to make a special effort to assure the sale of said bonds.

Your committee believes that it is not possible and not desirable that the entire issue proposed be sold immediately; the sale should extend over a number of years.

The Charter limitation as to the amount of debt that can be incurred applies to debt actually "incurred," and no debt is deemed incurred until the bonds have been actually sold. In the meantime the debt is being reduced by the payment of bonds outstanding, and the assessment roll of the City and County will rapidly increase. It can be safely assumed, therefore, that the City will be able to incur a bonded indebtedness for a public utility line, a municipal water supply without exceeding the debt limit provided in the Charter.

Your committee urgently renews the recommendation formerly made by the committee that all matters relating to the investigation of a proper source of water for domestic purposes and the acquisition of publicly owned water works be undertaken by a permanent Water Supply Commission. In this way a positive instead of a shifting policy relating to this important subject will be established and carried into execution in a definite and scientific way.

Your committee recommends that a further investigation be had in order to determine exactly what buildings will be needed by the Fire Department if the auxiliary water system for fire protection be installed, as it must be assumed that the installation of such a system will make it unnecessary to maintain as many companies as would be necessary without such a system.

Your committee therefore recommends that your Honorable Body investigate this matter before adopting absolutely the recommendation of \$1,000,000 for Fire Department buildings.

Your committee recommends the passage of an Ordinance initiating the proceedings for a proposed bond issue for the purpose above recited.

Respectfully submitted,

A. A. D'ANCONA,
JAMES P. BOOTH,
E. J. MOLERA,

Committee on Public Utilities.

Upon the installation of the new Board of Supervisors on January 8, 1908, the following report was referred to the new Committee on Public Utilities, consisting of Supervisors Giannini, Murphy and McLeran. This committee investigated the subject further, and January 27 introduced Bill No. 402 (afterwards Ordinance No. 353, New Series), declaring that certain public improvements were necessary and that the cost thereof would be too great to be paid out of the annual ordinary revenues. This Bill was followed by a report submitted on February 3, as follows:

REPORT OF PUBLIC UTILITIES COMMITTEE ON ESTIMATES OF COST OF VARIOUS PROPOSITIONS UNDER PROPOSED BOND ISSUE.

To the Honorable, the Board of Supervisors,
Of the City and County of San Francisco.

Gentlemen:—Your Committee on Public Utilities, to whom has been assigned the duty of preparing proceedings for a bond issue, hereby reports progress as follows:

We present herewith a Resolution suggesting to the Board of Public Works that in making estimates of costs of the several propositions named in the Declaratory Ordinance No. 353 (New Series) that such estimates be limited to the following sums:

1. For auxiliary water system for fire protection.....	\$ 5,200,000
2. Fire Department buildings and Department of Electricity.....	1,000,000
3. Sewer system	4,000,000
4. Repaving streets	1,600,000
5. City Hall	5,000,000
6. School buildings and lands	5,000,000
7. Library building	1,200,000
8. Hospital buildings	2,000,000
9. Hall of Justice and County Jail	1,000,000
14. Garbage collection and disposal system	800,000
	<hr/>
	\$26,800,000

Reductions have been made from the former estimate made by the committee on January 6, 1908, as follows:

Auxiliary water system, from \$5,500,000 to \$5,200,000.

School buildings, from \$7,000,000 to \$5,000,000.

Library Building, from \$1,500,000 to \$1,200,000.

Street improvements, from \$2,500,000 to \$1,600,000.

An increase has been made in Proposition No. 9 (Hall of Justice and County Jail), from \$950,000 to \$1,000,000.

In addition to the estimates made by the former committee, we have provided for the construction of a garbage disposal system to cost \$800,000. The net reduction thus made is \$2,200,000.

The four remaining propositions remain to be further investigated, and a report thereon is promised at the next session of the Board.

Respectfully submitted,

A. H. GIANNINI,

D. C. MURPHY,

R. McLERAN,

Committee on Public Utilities.

The Resolution referred to in the foregoing report was adopted and numbered Resolution No. 1914 (New Series).

On account of the importance of this matter and the necessity of having all the proceedings relating to the issuance of bonds in such form as would appear attractive to investors in municipal securities it was deemed advisable to employ specialists in this connection, and communications were had with Messrs. Dillon and Hubbard of New York City with a view of engaging their services.

COMMUNICATION FROM DILLON AND HUBBARD RELATIVE TO RETENTION OF SERVICES AS TO REGULARITY OF BOND PROCEEDINGS.

The following communication from Dillon and Hubbard discloses the nature of their employment:

New York, January 30, 1908.

John E. Behan, Esq., Clerk Board of Supervisors,
New Hall of Justice, 70 Eddy Street,
San Francisco, California.

Dear Sir:—We beg to acknowledge receipt of your letter dated January 22, in which you state that the City and County of San Francisco is about to institute proceedings for the creation of a bonded indebtedness for various public improvements, the aggregate of which will approximate \$30,000,000, and that you are instructed by a committee of the Board of Supervisors to communicate with us and ascertain upon what terms we would advise you as to the regularity of the proceedings up to the point of the issuance of the bonds. We understand from your letter that the City Attorney would draft the proceedings, and that if we are to act we are to advise with him from time to time, either by his coming on here for conferences, or by correspondence, or both. You do not state for how many different purposes the bonds are to be issued, nor how long a time it is expected the matter of the issuance of the bonds will cover.

We understand that you will desire to have us give such advice from time to time during the course of the proceedings, which we suppose will extend over several months, and make such examinations of the Charter of the City of San Francisco, the Constitution and Statutes of the State, and decisions of the Courts, and give such consideration to the matter, and such supervision of the successive steps leading to the issuance of the bonds, as will enable us finally to give an opinion concerning the validity of the bonds. In the case of other issues of this important character, we have had submitted to us by the City Counselor a draft of every Resolution and Ordinance or other proceeding proposed to be taken prior to its actual introduction and adoption by the municipal authorities, and have considered these various matters from time to time with special reference to the provisions of the Constitution and Statutes of the State, the Charter of the City and decisions of the Courts, in order to have them in such legal form as will enable us to give a final opinion in favor of the legality of the issue.

We may observe in respect of the amount of the fee, that we have acted in similar cases in your State and elsewhere: for example, in the case of Los Angeles, we have been consulted and retained in respect of an issue of approximately \$23,000,000 for the purpose of enabling the City to obtain a water supply from the Owens River Valley, and the proceedings with respect to the bond issue will be spread over several years, requiring attention from time to time during that period. In that case the City agreed to pay us, if we approved the bonds, the sum of one dollar per \$1,000 bond, which, if the whole amount is issued, would make our fee \$23,000. This \$23,000 will also include compensation for certain extended work relating to amendments of statutes, etc., prior to the taking of the proceedings for the issuance of the bonds. We may state further in this connection that the City of St. Louis has several times within the last few years employed us with respect to bond issues of that City, involving, some of them, \$5,000,000 and \$2,000,000, where our agreed compensation for rendering a final favorable opinion and allowing the City to advertise that such opinion would be furnished the purchaser, was the sum of one dollar a bond. We are now supervising for the City of St. Louis a bond issue of \$11,000,000 for public improvements, without any previous understanding as to the amount of our compensation.

In the case of other municipalities which have issued bonds under our advice and supervision the bonds have been advertised in the newspapers by a short advertisement, in which it was stated, among other things, that our opinion in favor of the legality of the bonds would be furnished to the successful bidder. Printed circulars have also been prepared for distribution among bankers and bond dealers, which have set forth with considerable detail the financial resources of the municipality, the nature and character of its business, its population, and other statistics which are of interest to a prospective bond purchaser; also the form of bond, and in some cases the provisions of the Statutes or Charter or Constitution under which the bonds are issued. Printed forms for proposals for bonds have also been prepared, so as to have these in the best possible condition for the protection of the municipality. We have made examination of such proposed forms of advertisement and circular, and have revised the same or suggested changes therein. We have found that such form of advertising bonds is of very great benefit to the municipality, whether it is large or small. Our experience has been that bankers and bond dealers who purchase large lots of bonds will do so much more readily if they are sure of being able to take up and pay for the bonds within a reasonably short time, a week or two or three weeks, after their bid is put in, and if they are certain that the bonds will be accompanied by our opinion approving their validity. Aside from the expense to the purchaser of having an examination made on his own account, the matter of the saving of time and certainty as respects the legality of the bond issue are of great importance to bond

dealers and a great inducement to them to make unconditional bids for the bonds. We have found in our experience that bond dealers hesitate to place themselves under obligations to buy a large block of bonds, the legality of which has not been examined into by counsel known to them and on whose opinion they would be willing to rely; for the reason that between the time when they bid for the bonds and the time when they are able to take them up after a new examination by counsel into the validity of the bonds (with the usual or possible delay of weeks or months), financial conditions might so change as to convert a profit on the bonds into a loss. Meanwhile they are precluded, not knowing the result of the examination, from making any contracts to sell the bonds. Our experience in this respect leads us to the conclusion that municipalities which have the legality of their bonds thus approved in advance of offering them for sale not only obtain many more bids, but a better price, than they otherwise would, and enough better to pay for the fees and much more than that; and, besides, the City avoids the delays and possible failure of the bidder to take the bonds, which not infrequently occur where the bonds are examined by the purchaser's own counsel after the bidding and before payment for the bonds. We mention these facts because we have observed them so often, and we doubt whether municipalities always fully appreciate them.

As nearly as we can estimate from the data given in your letter, assuming the bond issue to approximate \$30,000,000, and assuming that the bonds are to be issued without any considerable delay, we should say that a reasonable compensation would be the sum of \$18,000; provided, however, that if we are not able to approve the validity of the bonds or to suggest proceedings by which we might approve them, we will make our fee somewhat less, as follows: If we cannot approve any of the bonds then we would make the fee \$5,000; if we are able to approve a part of the bonds, but not all of them, then we would make the amount of our fee sixty cents on each \$1,000 of bonds approved, and thirty cents on each \$1,000 of bonds not approved. We make, however, our customary reservation, that if the amount of labor connected with this matter is much greater than we anticipate we shall be at liberty to make application for additional compensation to cover such additional labor, in which event we should be willing to leave to the municipal authorities the decision of the question whether such additional compensation should be granted. We make this reservation for the reason that it is not possible in advance to know how much labor will be required in respect of any particular bond issue. The sum named would not cover services connected with any litigation, if it should arise and our services be required by the City.

In view of the larger amount of your proposed issue than any of those referred to, and the fact that your issue will not probably be spread over a series of years, we name instead of one dollar per \$1,000 bond, the compensation paid by other cities, the sum of \$18,000, which is sixty cents per bond on the \$30,000,000, one-half to be paid when we give a preliminary opinion that the bonds have been duly authorized and when executed, issued and paid for will constitute the valid and legally binding obligations of the City, and the rest of the compensation to be paid from time to time as the bonds are issued and paid for and our final opinion given that the bonds do constitute the valid and legally binding obligations of the municipality.

We should be glad to serve the City in this matter if our services are desired.

Very truly yours,

DILLON & HUBBARD.

The foregoing offer was accepted by the Board of Supervisors by the adoption of the following:

RESOLUTION NO. 1939.

(New Series.)

ACCEPTING OFFER OF DILLON & HUBBARD FOR SERVICES IN CONNECTION WITH PROPOSED BOND ISSUE.

Whereas, The City and County of San Francisco has initiated proceedings preliminary to and for the purpose of issuing the bonds of said City and County to the amount of (approximately) thirty million dollars, and it is essential that such proceedings be conducted with a view of securing a ready sale of such bonds when issued without delay or uncertainty as to their validity; and

Whereas, The firm of Dillon and Hubbard of New York City are recognized as being an authority on all matters relating to the issuance and sale of municipal bonds, and said Dillon and Hubbard, in a communication dated January 30, 1908, addressed to John E. Behan, Clerk of this Board, have submitted an offer on the part of said Dillon and Hubbard to supervise all of the work performed by the City and County of San Francisco, and its officers, in relation to and in connection with the aforesaid bond issue, to interest themselves in the sale of said bonds, and to guarantee to furnish to every purchaser of such bonds a certificate certifying that the bonds issued by said City and County and purchased by him, are a legal and binding obligation upon the City and County of San Francisco, according to the terms of said bonds; and

Whereas, It is desirable to secure such services by said City and County, which services cannot be adequately rendered by any other person or firm; now, therefore,

Resolved, By the Board of Supervisors that the offer of said Dillon and Hubbard be, and the same is hereby accepted, and this Board hereby agrees to pay the consideration for such service as stated in the communication above referred to, which is made a part hereof, which consideration is as follows, to wit: Sixty cents for each \$1,000 bond authorized to be issued and approved, thirty cents for each \$1,000 bond authorized but not approved, provided, that the minimum charge to be paid shall not be less than \$5,000, said sum to be paid in installments as stated in said communication, provided, that such payments made on this account shall be a charge upon the funds realized from the sale of such bonds, and shall be payable out of any appropriation made to defray the cost of the issuance thereof. All services to be performed by said Dillon and Hubbard shall be under the direction and supervision of the City Attorney.

On February 17, 1908, the committee reported its conclusions in respect to the projects omitted from Resolution No. 1914 (New Series), and thereupon the following Resolution was adopted:

RESOLUTION NO. 1966.

Resolved, That this Board hereby suggests to the Board of Public Works in the matter of complying with the terms of Declaratory Ordinance No. 353 (New Series), that it is desirable that the estimates of the improvements be limited to the sums herein stated for the respective proposition, as follows:

Proposition 10—Lands for parks situated in the vicinity of:

Telegraph Hill	\$ 500,000
Twin Peaks	100,000
Potrero Heights	500,000
E street south and Fortieth avenue south (Bay View).....	100,000
Glenn Park	100,000
Other localities	200,000

\$1,500,000

Proposition 11—Lands for playgrounds in the vicinity of:

Eighteenth and Dolores streets	350,000
Church and Twenty-sixth streets	110,000
Iowa and Twentieth streets	27,200
Brazil and Munich streets	12,800

\$ 500,000

Proposition 12—Lands for widening Market and East streets..... 200,000

Proposition 13—Lands for widening streets between Montgomery
avenue and water front 2,000,000

This Resolution being supplementary to Resolution No. 1914 (New Series), adopted February 3, 1908, provided, however, that the suggestions herein made shall not be deemed to limit said Board of Public Works in the exercise of the powers or duties required by the Charter of the City and County.

PLANS AND ESTIMATES OF COST FILED.

On March 16, 1908, in compliance with the provisions of Ordinance No. 353 (New Series), the Board of Public Works filed plans and estimates of cost of the various improvements embraced in the proposed bond issue.

The plans and estimates for the Auxiliary Fire Protection System, the Sewer System and the Garbage Disposal System are set forth in full in the report of the City Engineer, and published on pages 674-719, inclusive, of this volume.

The plans and estimates for all the buildings proposed are contained in the report of the City Architect made to the Board of Public Works, which report is as follows:

REPORT OF THE CITY ARCHITECT UPON SCHOOLS, HOSPITALS, HALL OF JUSTICE AND COUNTY JAIL TO BE BUILT WITH BOND ISSUE FUNDS.

Department of Public Works, Board of Public Works, Bureau of Architecture,
311-314 Grant Building.

San Francisco, March 14, 1908.

Mr. Marsden Manson, City Engineer,
of the City and County of San Francisco.

Dear Sir:—There is herewith submitted to you for transmission to the Board of Public Works, a descriptive plan and estimate of cost for buildings and lands for schools, hospitals and lands therefor, Hall of Justice, County Jail, etc., as required by Declaratory Ordinance No. 353 (New Series), and Resolution No. 1914 (New Series), of the proposed Bond Issue.

Yours very truly,

NEWTON J. THARP,
City Architect.

BUILDINGS AND LANDS FOR SCHOOLS**(SECTION A.)**

PLAN: Twelve fireproof "Class A" buildings, as enumerated below. Said buildings to be built in the very best manner of fire and earthquake-proof construction not over two stories and basement in height, with broad staircases and halls, and all necessary finishing woodwork except flooring, covered with sheet metal. Said buildings to have the best heating and ventilating installation and clock and telephone systems, fire and burglar alarms, and to be fully equipped for use.

Said buildings to contain, in addition to the number of class rooms specified, office and teachers' rooms, assembly hall, play rooms, and all utility rooms and areas common to the best principles of school planning and construction.

Adams Grammar School.

A "Class A" building of twelve (12) class rooms, to be constructed on the present site, the property of the City and County, on the north side of Eddy street, between Van Ness avenue and Polk street.

The estimated cost of construction of said building is one hundred and twenty (120) thousand dollars.

Denman Grammar School.

A "Class A" building of sixteen (16) class rooms, to be constructed on a site to be acquired by the City and County, on the north side of Page street, between Steiner and Pierce streets.

The estimated cost of construction of said building is one hundred and sixty (160) thousand dollars.

Franklin Grammar School.

A "Class A" building of twelve (12) class rooms, to be constructed on the present site, the property of the City and County, on Eighth street, near Harrison.

The estimated cost of construction of said building is one hundred and twenty (120) thousand dollars.

Hancock Grammar School.

A "Class A" building of sixteen (16) class rooms, to be constructed on the present site, the property of the City and County, on Filbert street, near Jones.

The estimated cost of construction of said building is one hundred and sixty (160) thousand dollars.

Jean Parker Grammar School.

A "Class A" building of sixteen (16) class rooms, to be constructed on the present site, the property of the City and County, on Broadway, between Powell and Mason streets.

The estimated cost of construction of said building is one hundred and sixty (160) thousand dollars.

John Swett Grammar School.

A "Class A" building of twelve (12) class rooms, to be constructed on the present site, the property of the City and County, on McAllister street, between Franklin and Gough streets.

The estimated cost of construction of said building is one hundred and twenty (120) thousand dollars.

Jefferson Primary School.

A "Class A" building of eight (8) class rooms, to be constructed on the present site, the property of the City and County, on Bryant street, between Sixth and Seventh streets.

The estimated cost of construction of said building is eighty thousand (80,000) dollars.

Lincoln Grammar School.

A "Class A" building of twelve (12) class rooms, to be constructed on the present site, the property of the City and County, on Harrison street, near Fourth.

The estimated cost of construction of said building is one hundred and twenty (120) thousand dollars.

Oriental Public School.

A "Class A" building of eight (8) class rooms, to be constructed on the present site, the property of the City and County, on Clay street and Powell street.

The estimated cost of construction of said building is eighty (80,000) thousand dollars.

Mission Grammar School.

A "Class A" building of sixteen (16) class rooms, to be constructed on the present site, the property of the City and County, on Mission street, between Fifteenth and Sixteenth streets.

The estimated cost of construction of said building is one hundred and sixty (160) thousand dollars.

Irving Primary School.

A "Class A" building of eight (8) class rooms, to be constructed on the present site, the property of the City and County, on Broadway, between Montgomery and Sansome streets.

The estimated cost of construction of said building is eighty (80,000) thousand dollars.

Spring Valley Grammar School.

A "Class A" building of twelve (12) class rooms, to be constructed on a site, the property of the City and County, on Washington street, between Hyde and Larkin streets.

The estimated cost of construction of said building is one hundred and twenty (120) thousand dollars.

Total for "Class A" buildings, grammar and primary.....\$1,480,000.00

(SECTION B.)

PLAN: Nineteen "Special Construction" buildings enumerated below. Said buildings to be built of the very best manner of frame construction on brick or concrete foundations. The frame work to be put together with an especial view toward resistance to earthquake and to be covered entirely on exterior and

interior and under all finish floors with metal lath and cement or hard finish. All woodwork necessary for finishing purposes on both exterior and interior, including frames and sash, to be covered with sheet metal.

Said buildings to be not over two stories and basement in height and to have broad staircases and halls, and at least three exits from the first story to yards or streets.

Said buildings to have the best heating and ventilating installation, and clocks and telephone systems, fire and burglar alarms, and to be fully equipped for use.

Said buildings to contain, in addition to the number of class rooms specified, office and teachers' rooms, assembly hall, play rooms, and all utility rooms or areas common to the best principles of school planning and construction.

Bryant Cosmopolitan Primary School.

A "Special Construction" building of sixteen (16) class rooms, to be constructed on the present site, the property of the City and County, on York street, between Twenty-second and Twenty-third streets.

The estimated cost of construction of said building is one hundred (100,000) thousand dollars.

Clement Primary School.

A "Special Construction" building of twelve (12) class rooms, to be constructed on a site to be acquired by the City and County, on Day and Noe streets.

The estimated cost of construction of said building is eighty thousand (80,000) dollars.

Cooper Primary School.

A "Special Construction" building of sixteen (16) class rooms, to be constructed on the present site, the property of the City and County, on Greenwich street, between Jones and Leavenworth streets.

The estimated cost of construction of said building is one hundred (100,000) thousand dollars.

Peabody Primary School.

A "Special Construction" building of sixteen (16) class rooms, to be constructed on the present site, the property of the City and County, on Sixth avenue, near California street.

The estimated cost of construction of said building is one hundred (100,000) thousand dollars.

Holly Park Primary School.

A "Special Construction" building of sixteen (16) class rooms, to be constructed on a site to be acquired by the City and County, on Holly Park avenue, between Highland avenue and West Park.

The estimated cost of construction of said building is one hundred (100,000) thousand dollars.

Madison Primary School.

A "Special Construction" building of twelve (12) class rooms, to be constructed on the present site, the property of the City and County, on Clay street, between Walnut and Laurel streets.

The estimated cost of construction of said building is eighty (80,000) thousand dollars.

Marshall Primary School.

A "Special Construction" building of sixteen (16) class rooms, to be constructed on the present site, the property of the City and County, on Nineteenth street, between Valencia and Guerrero streets.

The estimated cost of construction of said building is one hundred (100,000) thousand dollars.

McKinley Primary School.

A "Special Construction" building of sixteen (16) class rooms, to be constructed on the present site, the property of the City and County, on Fourteenth and Castro streets.

The estimated cost of construction of said building is one hundred (100,000) thousand dollars.

Sheridan Primary School.

A "Special Construction" building of sixteen (16) class rooms, to be constructed on the present site, the property of the City and County, on Minerva street, near Plymouth avenue.

The estimated cost of construction of said building is one hundred (100,000) thousand dollars.

South End Primary School.

A "Special Construction" building of sixteen (16) class rooms, to be constructed on the present site, the property of the City and County, on Burrows street, between Berlin and Girard streets.

The estimated cost of construction of said building is one hundred (100,000) thousand dollars.

Grattan Primary School.

A "Special Construction" building of sixteen (16) class rooms, to be constructed on the present site, the property of the City and County, on Alma street, near Grattan street.

The estimated cost of construction of said building is one hundred (100,000) thousand dollars.

Sutro Grammar School.

A "Special Construction" building of sixteen (16) class rooms, to be constructed on the present site, the property of the City and County, on Twelfth avenue, between Clement and California streets.

The estimated cost of construction of said building is one hundred (100,000) thousand dollars.

West End Primary School.

A "Special Construction" building of twelve (12) class rooms, to be constructed on the present site, the property of the City and County, on west side of Mission street, between Naglee and Worden.

The estimated cost of construction of said building is seventy-five (75,000) thousand dollars.

Lakeview Primary School.

A "Special Construction" building of sixteen (16) class rooms, to be constructed on a site to be acquired by the City and County, a block bounded by Plymouth and Grafton streets, Golden State and Holloway avenues.

The estimated cost of construction of said building is one hundred (100,000) thousand dollars.

Jackson Primary School.

A "Special Construction" building of sixteen (16) class rooms, to be constructed on a site to be acquired by the City and County, north of Panhandle, between Stanyan and Baker streets.

The estimated cost of construction of said building is one hundred (100,000) thousand dollars.

Cleveland Primary School.

A "Special Construction" building of twelve (12) class rooms, to be constructed on a site to be acquired by the City and County, bounded by Persia, Brazil, Athens and Moscow streets.

The estimated cost of construction of said building is seventy-five (75,000) thousand dollars.

Starr King Primary School.

A "Special Construction" building of sixteen (16) class rooms, to be constructed on the present site, the property of the City and County, on San Bruno avenue, near Twenty-fifth street.

The estimated cost of construction of said building is seventy-five (75,000) thousand dollars.

F. J. McCoppin Primary School.

A "Special Construction" building of sixteen (16) class rooms, to be constructed on the present site the property of the City and County, on Sixth avenue, between B and C streets.

The estimated cost of construction of said building is one hundred (100,000) thousand dollars.

Total for "Special Construction" buildings, grammar and primary....\$1,685,000.00

(SECTION C.)

PLAN: Three fireproof "Class A" high school buildings as enumerated below. Said buildings to be built in the very best manner of fire and earthquake-proof construction, not over three stories and basement in height, with broad staircases and halls, and all necessary finishing woodwork, except flooring, covered with sheet metal. Said buildings to have the best heating and ventilating installation, clock and telephone systems, fire and burglar alarms, and to be fully equipped for use.

Girls' High School.

A "Class A" building of not less than twenty (20) class rooms, to be constructed upon the present site, the property of the City and County, on the east side of Scott street, between O'Farrell and Geary streets. Said building to contain in addition to the class rooms, offices, teachers', recitation and drawing rooms, chemical, physical and biological laboratories, large assembly room, and lecture halls, gymnasium and all other rooms and utility areas common to the best principles of the planning and construction of high schools.

The estimated cost of construction of said building is four hundred and fifty thousand (450,000) dollars.

Lowell High School.

A "Class A" building of not less than twenty (20) class rooms, to be constructed upon a site to be purchased by the City and County, on the west side of Octavia street, between Bush and Sutter streets. Said building to contain in addition to the class rooms, offices, teachers', recitation and drawing rooms, chemical, physical and biological laboratories, large assembly room and lecture halls, gymnasium, and all other rooms and utility areas common to the best principles of the planning and construction of high schools.

The estimated cost of construction of said building is four hundred and fifty thousand (450,000) dollars.

Commercial High School.

A "Class A" building of not less than twenty (20) class rooms, to be constructed upon a site, the property of the City and County, on the north side of Grove street, between Larkin and Polk streets.

Said building to be not over four stories and basement in height, to contain in addition to class rooms, office and teachers' rooms, and all utility rooms or areas common to the best principles of the planning and construction of commercial high schools.

The estimated cost of construction of said building is one hundred and ninety thousand (190,000) dollars.

Addition to Mission High School.

A "Class C" building of the same general dimensions as the present building, to be constructed on a site adjacent to the present one, and to be acquired by the City and County, on Church street, between Dorland and Eighteenth.

Said building or addition to be of a design harmonious in every way with the present Mission High School, and to be planned with a view toward supplementing and adding to its effectiveness.

The estimated cost of construction of said buildings or addition is one hundred and fifty thousand (150,000) dollars.

Total cost of three high schools and addition.....\$1,240,000.00

(SECTION D.)

Lands Recommended by the Board of Education for Acquisition under the Bond Issue.

Lowell High School.—Lot west side of Octavia street, between Bush and Sutter; 275x137½ feet.....	\$ 165,000
Mission High School.—Lot 162x231 feet on Church street, between Dorland and Eighteenth, adjoining present school site.....	65,000
Denman Grammar.—Lot on north side of Page street, beginning 137½ feet east of Pierce street; thence running easterly 165 feet, by irregular depth.....	25,000
Hancock School.—Lot 60x120 feet on north side of Filbert street, near Jones, east of present site.....	12,000
Irving Primary.—Lot 34½x137½ feet on north side of Broadway, west of present school site.....	10,000
Cleveland Primary.—Block bounded by Persia, Brazil, Athens and Moscow streets	10,000
Rincon Primary.—Lot 200x250 feet, corner Ripley and Alabama.....	10,000

BOND ISSUE OF 1908

1225

Lakeview School District.—Lot 225x400 feet in block bounded by Plymouth and Grafton streets, Golden State and Holloway avenues	20,000
Jackson School.—Lot north of Panhandle, between Stanyan and Baker streets, approximately 137 feet 6 inches x 200 feet.....	40,000
Clement Primary.—Block 172, Thirtieth and Noe streets, combined playground and school.....	30,000
Holly Park School.—Holly Park avenue, between Highland avenue and West Park, 150 feet x irregular depth frontage.....	25,000
Pacific Heights School.—Lot 25½x127 feet, Jackson street, west of and adjacent to present site; lot 24½x90 feet, east of and adjacent to present site.....	25,000
Horace Mann School.—Lot 75x125 feet, Valencia street, south of and adjacent to present school site.....	30,000
Sheridan School.—Lot 100x125, Minerva street, near Plymouth avenue, north of and adjacent to present school site.....	8,000
Agassiz Primary.—Lot 75x125, Bartlett street, south of and adjacent to present school site.....	15,000
Harrison School.—Lot 331x274 feet, average, irregular depth on Thirty-fourth avenue, between Railroad avenue and "J" street..	11,000
Everett Grammar.—Lot 28x160 feet, Sanchez street, north of and adjacent to present school site.....	10,000
Columbia Grammar.—Lot 47½x100, Florida street, east of and adjacent to present school site.....	9,000
Jean Parker.—Lot 40x137½ feet, Broadway, west of and adjacent to present school site.....	12,000
Spring Valley.—Lot 137½x137½ feet, on south side of Jackson street, between Hyde and Larkin streets, rear of and adjacent to rear school site	35,000
Yerba Buena.—Lot 75x120 feet, on north side Greenwich street, east of and adjacent to present site.....	8,000
Or upon parcels, or lots of land of similar size and like value in the immediate neighborhood of each of the said lots or parcels of land above described.	
Total.....	\$ 575,000
Balance for purchase of other sites located in new suburban districts in southern sections of Mission and Potrero, where no school sites are now provided.....	20,000
Total.....	\$ 595,000

RECAPITULATION.

Total for "Class A" buildings—grammar and primary.....	\$1,480,000
Total for "Special Construction" buildings—grammar and primary....	1,685,000
Total for high school buildings.....	1,240,000
Total for lands to be acquired.....	595,000
	<hr/>
	\$5,000,000

Approved:

MARSDEN MANSON,
City Engineer.

March 16, 1908.

HOSPITALS AND LANDS.

PLAN: A "Class A" thoroughly fire and earthquake-proof group of buildings, to be constructed on the present site, the property of the City and County of San Francisco, and an additional lot of land, to be acquired by the City and County in proximity to the present site, both described as follows:

Present Site.—A lot or parcel of land, 480x866 feet, bounded by Potrero avenue, Twenty-second street, San Bruno avenue and Twenty-third street.

Site to be Acquired.—Parcel 1: A lot or parcel of land, being the whole of the block bounded by San Bruno avenue, Twenty-second street, Vermont street and Humboldt street. Parcel 2: A lot or parcel of land, being the whole of the block bounded by San Bruno avenue, Humboldt street, Vermont street and Twenty-third street.

Said group of buildings to be composed of a main building for acute and surgical cases, a group of pavilions for tuberculosis patients, and a group of pavilions for the mild infectious cases.

The main building to be a six or seven story structure, with accommodation for five hundred beds. Said building to contain all administrative offices common to the entire hospital scheme of the City: kitchen and dining rooms, operating rooms, physicians', examination, nurses' and servant's rooms, and all other general utility and storage spaces necessary to the proper operation of a modern hospital.

The pavilion wards, arranged separately from the main structure for tuberculosis patients, to have accommodations for two hundred and fifty beds.

Said group of buildings shall contain kitchen and dining rooms, such administrative, physicians', examination, nurses' and servants' rooms, and all other general utility and storage spaces as shall be necessary to the proper operation of a modern hospital intended for that class of patients.

The pavilion wards, arranged separately from the main and tuberculosis sections, for the treatment of mild infectious cases, to have accommodations for fifty beds.

Said group of buildings shall contain kitchen and dining room, such administrative, physicians', examination, nurses' and servants' rooms, and all other general utility and storage spaces as shall be necessary to the proper operation of a modern hospital intended for that class of diseases.

All of the above buildings to have the best lighting, heating and ventilating installation, and a fully equipped laundry to be upon the site. Each building to be supplied with all necessary fixtures.

The estimated cost of construction of said group of buildings, with all necessary outbuildings and grounds, and the lands to be acquired as described above, is \$2,000,000.

Approved:

MARSDEN MANSON,
City Engineer.

March 16, 1908.

HALL OF JUSTICE, COUNTY JAIL, ETC.

PLAN: A "Class A" thoroughly fire and earthquake-proof building or buildings, to be constructed on the present site, the property of the City and County of San Francisco, and an additional lot of land, to be acquired by the City and County in proximity to the present site, both described as follows:

Present Site.—Parcel 1: Commencing at the point of intersection of the easterly line of Kearny street with the southerly line of Washington street; continuing thence easterly along the southerly line of Washington street 160 feet

thence at right angles southerly along the westerly line of Dunbar alley 137 feet 6 inches; thence at right angle westerly along the northerly line of Merchant street 160 feet; thence at right angle northerly along the easterly line of Kearny street 137 feet 6 inches to the point of commencement.

Present Site.—Portion of which is now under acquirement from previous bond issue. Parcel 2: Commencing at the point of intersection of the easterly line of Dunbar alley with the southerly line of Washington street; continuing thence easterly along the southerly line of Washington street 106 feet 6½ inches; thence at right angle southerly 137 feet 6 inches; thence at right angle westerly along the northerly line of Merchant street 106 feet 6½ inches; thence at right angle northerly along the easterly line of Dunbar alley 137 feet 6 inches to the point of commencement.

Site to be Acquired.—Commencing at the point of intersection of the easterly line of Kearny street with the southerly line of Merchant street; continuing thence easterly along the southerly line of Merchant street 168 feet 6 inches; thence at right angle southerly 108 feet 9 inches; thence at right angle westerly along the northerly line of Clay street 168 feet 6 inches; thence at right angle northerly along the easterly line of Kearny street 108 feet 9 inches to the point of commencement.

Said building or buildings to provide ample areas for the present and future needs of the departments of the municipal government enumerated below, which shall be inclusive of all public and private offices and general utility and storage spaces necessary to the proper conduct of the business of the different departments.

Executive Department.—The Coroner, Morgue, etc.

Legal Department.—District Attorney's Deputy, the Police Courts, Bond and Warrant Clerk.

Police Department.—Police Commissioners, Chief of Police, Detective Bureau, Central Police Station, City Prison, Drill and Shooting Gallery, etc.

Health Department.—Board of Health, Central Emergency Hospital.

County Jail.—With accommodation for 200 prisoners, arranged in such a manner as to admit of extension.

Said building or buildings to be of the best office building type of planning and construction.

Said building or buildings to be built of as many stories in height as is consistent with sound principles of good design and proper lighting, and of a general character of design that will indicate the particular functions.

The estimated cost of construction of said building or buildings and lands is one million (1,000,000) dollars.

Approved:

MARSDEN MANSON,

City Engineer.

March 16, 1908.

On March 13, 1908, a communication was received from Dillon and Hubbard advising the Board that it would be necessary to declare in the Ordinance calling a special bond election the precise rate of interest to be paid and also the exact dates of maturity of the bonds to be issued. This put a new aspect on the proceedings, and as the current rate of interest was abnormally high at the time, the committee decided to eliminate all propositions not of pressing necessity. The report is as follows:

REPORT OF PUBLIC UTILITIES COMMITTEE ON BOND ISSUE
PROPOSITIONS.

To the Honorable, the Board of Supervisors,
Of the City and County of San Francisco.

Gentlemen:—Your Committee on Public Utilities, having under consideration the matter of the bond issue, herewith presents its final report on all matters necessary prior to the introduction and passage of the Ordinance calling the Special Bond Election. After the presentation of this Ordinance, which must be done on the 23d inst., no change can be made in the details of the plan proposed, and such Ordinance cannot be changed except by postponing the day of election. It is essential, therefore, that all details shall be arranged satisfactory to the Board precisely as they are to be carried into effect. The committee therefore presents a Resolution embodying instructions to this committee, which instructions will represent the ideas of the Board and which your committee will faithfully observe.

The committee after considering the opinion received from Dillon and Hubbard that it will be necessary to specify in the Ordinance calling the election, the exact amount of interest, the precise periods of redemption of the bonds and the precise tax levy to be made each year, will recommend to the Board of Supervisors that the proposed bond issue of \$31,000,000 be reduced to \$18,200,000. Said latter named sum to cover the following projects:

1. Auxiliary water system for fire protection	\$ 5,200,000
2. Sewer system	4,000,000
3. Schools	5,000,000
4. Hospitals	2,000,000
5. Hall of Justice	1,000,000
6. Garbage disposal system	1,000,000
Total	\$18,200,000

These modifications are made from the original recommendations by reason of the fact that it is impossible to sell bonds at a less rate than 5 per cent at the present time, and inasmuch as the aforesaid propositions are of vital and pressing importance, the committee deems it necessary to call an election immediately for the submission of these propositions to the electors.

The committee, however, will recommend that a special election be called in November next, if the conditions in the financial world improve and will permit the floating of a bond issue at a lower rate of interest than 5 per cent for the other projects originally determined upon; that is to say:

City Hall	\$5,000,000
Library Building	1,200,000
Parks	1,500,000
Playgrounds	500,000
Widening streets	2,200,000

There may be some objection raised as to the elimination of the projects for street paving and the construction of Fire Department houses, because of the immediate necessity for these improvements. The committee seriously considered this point and came to the conclusion that the quickest and surest way of securing these improvements would be to levy a special tax therefor in the coming fiscal year. If we rely on the sale of bonds to defray this expense, it might be a year before the money is available for actual use. By levying a tax the fund for these improvements would be available in six months. A

twenty-cent tax for a year or two would be sufficient for purpose of satisfying the pressing necessities in this direction. Moreover, there is also a serious objection to issuing bonds for such a temporary improvement as the repairing of streets. Before the bonds would have been paid the pavement would become worn out. It is unfair to impose such a burden upon a generation that will receive little benefit therefrom.

The fiscal scheme outlined for the \$18,200,000 issue is to provide serial bonds, varying from 20 to 40 years for the different purposes; the period of redemption to commence in the year 1911 and to follow on in subsequent years.

To meet the annual payment for interest, a tax approximating twenty cents on the hundred dollars will be necessary. The probable increase in the assessment roll by the time that payment on the principal commences will be sufficient to provide therefor without increasing the rate of taxes above stated. The exact amount of the taxes to be provided for is shown by the table annexed hereto.

It is with reluctance that the committee temporarily suspends its original recommendations, but in view of the financial stringency generally and the unusual rate of interest prevailing, the committee believes it necessary to curtail the issue and recommends that the above mentioned urgent necessities be recommended only.

Respectfully submitted,

A. H. GIANNINI,
D. C. MURPHY,
R. McLERAN,
Public Utilities Committee.

In accordance with the views of the committee expressed in the foregoing report, the following Resolution was adopted:

RESOLUTION NO. 2061.

(New Series.)

Resolved, That the Committee on Public Utilities be and is hereby authorized and instructed to prepare and report to this Board on Monday, March 23, 1908, an Ordinance calling a special election on Monday, May 11, 1908, at which election there shall be submitted to the electors of the City and County of San Francisco six propositions to incur a bonded debt of said City and County for the following purposes and amounts respectively, to-wit:

1. For the construction of an auxiliary water system for fire protection, the sum of	\$ 5,200,000
2. For the construction of a sewer system, the sum of.....	4,000,000
3. For the construction of school houses and the acquisition of lands, the sum of	5,000,000
4. For the construction of Hospital buildings and the acquisition of lands, the sum of	2,000,000
5. For the construction of a Hall of Justice and a County Jail, and the acquisition of additional lands therefor, the sum of.....	1,000,000
6. For the construction of a system of garbage collection and disposal, the sum of	1,000,000
Total	<u>\$18,200,000</u>

That the bonds shall be dated July 1, 1908.

That the rate of interest upon said bonds shall be fixed at 5 per cent per annum, payable semi-annually; that provision be made for the payment of the

principal and interest on said bonds at the Treasurer's office in San Francisco and at the fiscal agency of the City and County in New York City; that the denomination of the bonds shall be \$1,000.

That the time of redemption and term of existence of said bonds be as follows:

That the redemption of the bonds for a fire system shall commence eight years from date of issuance and run for forty years thereafter.

That the redemption of the bonds for a sewer system shall commence at the end of seven years from date of issuance and run for forty years thereafter.

That the redemption of the bonds for school houses shall commence at the end of six years from date of issuance and run for twenty-five years thereafter.

That the redemption of the bonds for hospitals shall commence at the end of five years from date of issuance and run for twenty years thereafter.

That the redemption of the bonds for Hall of Justice and County Jail shall commence at the end of four years from date of issuance and run for twenty years thereafter.

That the redemption of the bonds for a garbage system shall commence at the end of three years from date of issuance and run for twenty years thereafter.

In accordance with the foregoing Resolution the committee prepared the necessary Ordinances calling and giving notice of the election, and the same was held on the 11th day of May, 1908. The vote on the several propositions was as follows:

Fire protection bonds to the amount of \$5,200,000—Vote in favor of, 21,488; against, 1,636.

Sewer bonds to the amount of \$4,000,000—Vote in favor of, 21,401; against, 1,645.

School bonds to the amount of \$5,000,000—Vote in favor of, 21,397; against, 1,701.

Hospital bonds to the amount of \$2,000,000—Vote in favor of, 21,263; against, 1,733.

Hall of Justice bonds to the amount of \$1,000,000—Vote in favor of, 21,133; against, 1,875.

Garbage system bonds to the amount of \$1,000,000—Vote in favor of, 20,653; against, 2,423.

Ordinance No. 477, providing for the issuance of the bonds was adopted June 15, 1908, and thereafter the contract for the printing of the bonds was awarded to the Western Bank Note and Engraving Company of Chicago, Illinois. The bonds were printed from steel plates made especially for this issue.

When the proceedings had been completed all matters connected therewith were submitted to Dillon and Hubbard, who rendered an opinion as to their validity, which was as follows:

OPINION OF DILLON & HUBBARD.

New York, July 23, 1908.

To the Board of Supervisors.

Of the City and County of San Francisco,
San Francisco, California.

Dear Sirs:—At your request we have examined into the validity of an issue of \$18,200.00 bonds of the City and County of San Francisco, California, said bonds being of the denomination of \$1,000 each, dated July 1, 1908, bearing

interest at the rate of five percentum per annum, payable semi-annually, January 1 and July 1, said bonds being for the amounts and numbered and described as follows:

\$5,200,000 Fire Protection Bonds, numbered from 1 to 5,200, both inclusive, and payable \$130,000 thereof eight years from the date of said bonds, beginning with the lowest numbers, and \$130,000 thereof of the next higher numbers on the same day in each succeeding year until all of said bonds shall be paid;

\$4,000,000 Sewer Bonds, numbered from 1 to 4,000, both inclusive, and payable \$100,000 thereof seven years from the date of said bonds, beginning with the lowest numbers, and \$100,000 thereof of the next higher numbers on the same day of each succeeding year until all of said bonds shall be paid;

\$5,000,000 School Bonds, numbered from 1 to 5,000, both inclusive, and payable \$200,000 thereof six years from the date of said bonds, beginning with the lowest numbers, and \$200,000 thereof of the next higher numbers on the same day in each succeeding year until all of said bonds shall be paid;

\$2,000,000 Hospital Bonds, numbered from 1 to 2,000, both inclusive, and payable \$100,000 thereof five years from the date of said bonds, beginning with the lowest numbers, and \$100,000 thereof of the next higher numbers on the same day in each succeeding year until all of said bonds shall be paid;

\$1,000,000 Hall of Justice Bonds, numbered from 1 to 1,000, both inclusive, and payable \$50,000 thereof four years from the date of said bonds, beginning with the lowest numbers, and \$50,000 thereof of the next higher numbers on the same day in each succeeding year until all of said bonds shall be paid;

\$1,000,000 Garbage System Bonds, numbered from 1 to 1,000, both inclusive, and payable \$50,000 thereof three years from the date of said bonds, beginning with the lowest numbers and \$50,000 thereof of the next higher numbers on the same day in each succeeding year until all of said bonds shall be paid.

Said bonds recite among other things that they are issued pursuant to the Constitution and the Statutes of the State of California and the Charter of said City and County of San Francisco and amendments thereto, and pursuant to Ordinances and proceedings of said City and County duly adopted and taken, and a vote and assent of more than two-thirds of all the qualified electors of said City and County voting at a special election duly and legally called and held for that purpose; that provision has been made for the collection of an annual tax sufficient to pay the interest on said bonds as it falls due, and also provision to constitute a sinking fund for the payment of the principal of said bonds on or before maturity, and that said bonds are exempt from all taxation within the State of California. We have examined the Constitution and Statutes of the State of California and the Charter of the City and County of San Francisco, and certified copies of proceedings of said City and County authorizing the issue of said bonds, also the form of said bonds.

It is our opinion that the issue of said \$18,200,000 bonds has been duly authorized in accordance with the Constitution and Statutes of the State of California, including the Charter of said City and County of San Francisco; and that when said bonds have been signed by the Mayor and Treasurer and countersigned by the Auditor, and sealed with the corporate seal of the said City and County, attested by the Clerk of the Board of Supervisors, the coupons on said bonds bearing the engraved or lithographed signature of the said treasurer, all of said persons being actually in office when the bonds are delivered and paid for, and when said bonds shall have been duly sold at not less than par and accrued interest to the date of delivery of and payment for said bonds, and duly delivered and paid for, the said bonds will constitute valid and legally binding obligations of said City and County of San Francisco.

Very truly yours,

(Signed) DILLON & HUBBARD.

Arrangements for the sale of the bonds were made at this time, and the following notice of sale was given:

NOTICE OF SALE OF BONDS.

Office of the Clerk of the Board of Supervisors,
City and County of San Francisco.

July 27, 1908.

Notice is hereby given that sealed bids for the purchase of certain bonds of the City and County hereinafter described will be received by the Board of Supervisors up to the hour of three o'clock p. m. on Tuesday, the 8th day of September, 1908, and will be opened by said Board at said time.

The bonds hereby offered are Municipal bonds of the City and County of San Francisco, issue of 1908, and described as follows:

Fire protection bonds to the amount of \$1,000,000, comprising 25 bonds of each year's maturity from 1916 to 1955, inclusive.

Sewer bonds to the amount of \$800,000, comprising 20 bonds of each year's maturity from 1915 to 1954, inclusive.

School bonds to the amount of \$1,200,000, comprising 48 bonds of each year's maturity from 1914 to 1938, inclusive.

Hospital bonds to the amount of \$280,000, comprising 14 bonds of each year's maturity from 1913 to 1932, inclusive.

All bonds are dated July 1, 1908, and are of the denomination of \$1,000 each and bear interest at the rate of five per centum per annum, payable semi-annually January 1st and July 1st, each year; principal and interest payable at the office of the Treasurer of the City and County of San Francisco, or, at the option of the holder at the fiscal agency of the City and County in the City and State of New York. Said bonds, under the law, are exempt from all taxation within the State of California.

All bids must be upon forms furnished by the City and County and must state the amount offered by the bidder and must include the payment to the City of all interest that may have accrued at the time of the delivery of such bond or bonds to purchaser. No bid will be considered for less than par and accrued interest. No conditional bids will be considered.

Delivery of the bonds purchased will be made at the office of the Treasurer of the City and County of San Francisco at any time after ten days and within thirty days from the passage of the resolution awarding the contract of sale, and payments for all bonds purchased must be made to the Treasurer of the City and County within said thirty days from the date of said award unless otherwise mutually agreed upon.

All bids shall be sealed and endorsed "Proposal for the Purchase of Bonds," addressed to John E. Behan, Clerk of the Board of Supervisors, San Francisco, Cal., and filed in the office of the said Clerk before the time fixed for the opening of said bids.

Bidders shall state separate amounts for each set of the bonds named and may bid for the whole or any portion thereof. When a less amount than the whole amount offered of any named set is bid for the bidder shall state the year or years of maturity thereof.

All proposals for the purchase of such bonds shall be accompanied by a deposit of five per cent of the amount bid in lawful money of the United States, or by a deposit of a certified check payable to John E. Behan, Clerk of the Board of Supervisors of the City and County for a like sum, provided, that no deposit need exceed the sum of \$10,000, and that no deposit need be given by the State of California, which money or check shall be forfeited by the bidder in case he fails to accept and pay for the bonds bid for by him if his bid is accepted.

The Board of Supervisors shall have the right to reject any or all bids for any set of named bonds.

The opinion of Messrs. Dillon & Hubbard, attorneys, New York City, stating that the above bonds offered for sale are in all respects legal, and are a binding obligation upon the City and County, is on file in the office of the Clerk of the Board of Supervisors, and a copy of the same will be furnished to any purchaser of said bonds.

Blank forms of proposal and circulars of information concerning said bonds may be had at the office of the Clerk of the Board of Supervisors, or will be mailed upon application to said Clerk.

This notice is given pursuant to the direction of Resolution No. 2512 (New Series) of the Board of Supervisors adopted July 13, 1908.

JOHN E. BEHAN,

Clerk of the Board of Supervisors,
City and County of San Francisco.

The sale took place on September 8, 1908, and one hundred bids were submitted. The following tables show the name of each bidder, the amount bid for and the price offered.

BLANKET BID FOR ALL BONDS.

No. of Bid.	Amount of Bid.	Average Premium.	Name of Bidders.	Remarks.
2	\$3,514,520.00	.0715	E. H. Rollins & Sons. N. W. Harris & Co.	
5	3,500,000.00	.0670	London-Paris National Bank.	
9	3,498,000.00	.0664	Central Trust Co. of San Francisco.	
10	3,497,500.00	.0663	Los Angeles Trust Co.	
7	3,497,000.00	.0661	Jas. H. Adams & Co.	
14	3,390,864.00	.0337	Kountze Bros. Blodget, Merritt & Co.	

AGGREGATE OF SEPARATE BIDS.

No. of Bid.	Amount of Bid.	Average Premium.	Name of Bidders.	Remarks.
11	\$8,500,953.35	.0673	W. H. Crocker.	
1	3,469,300.01	.0577	National City Bank of New York. Speyer & Co. N. W. Halsey & Co.	
20	3,370,584.00	.0276	First Trust and Savings Bank. Merchants' Loan and Trust Co. of Chicago.	

BIDS FOR ALL FIRE PROTECTION BONDS.

No. of Bid.	Amount of Bid.	Name of Bidders.	Remarks.
11	\$1,075,529.25	W. H. Crocker.	All or none.
12	1,075,529.25	W. H. Crocker.	All or none.
1	1,062,875.54	National City Bank of New York. Speyer & Co. N. W. Halsey & Co.	
20	1,035,300.00	First Trust and Savings Bank, Merchants' Loan and Trust Co. of Chicago.	
47	1,019,300.00	H. W. Poor & Co. Perry, Coffin & Burr.	

BIDS FOR ALL SEWER BONDS.

No. of Bid.	Amount of Bid.	Name of Bidders.	Remarks.
11	\$859,039.00	W. H. Crocker.	All or none.
12	859,039.00	W. H. Crocker.	All or none.
1	849,259.27	National City Bank of New York. Speyer & Co. N. W. Halsey & Co.	
24	828,117.60	San Jose Safe Deposit Bank of Savings.	
20	826,640.00	First Trust and Savings Bank, Merchants' Loan and Trust Co. of Chicago.	
47	815,440.00	H. W. Poor & Co. Perry, Coffin & Burr.	

BIDS FOR ALL SCHOOL BONDS.

No. of Bid.	Amount of Bid.	Name of Bidders.	Remarks.
11	\$1,271,837.28	W. H. Crocker.	All or none.
12	1,271,837.28	W. H. Crocker.	
1	1,264,543.62	National City Bank of New York. Speyer & Co. N. W. Halsey & Co.	All or none.
20	1,224,360.00	First Trust and Savings Bank. Merchants' Loan and Trust Co. of Chicago.	

BIDS FOR ALL HOSPITAL BONDS.

No. of Bid.	Amount of Bid.	Name of Bidders.	Remarks.
46	\$298,500.00	State Board of Examiners.	All or none.
11	294,547.82	W. H. Crocker.	
23	294,257.50	First National Bank of Oakland.	
1	292,621.58	National City Bank of New York. Speyer & Co. N. W. Halsey & Co.	All or none.
70	291,050.00	German Savings and Loan Society.	
24	286,998.60	San Jose Safe Deposit Bank of Savings.	
20	284,284.00	First Trust and Savings Bank. Merchants' Loan and Trust Co. of Chicago.	
8	280,700.00	Banque Franco-Americaine of Paris.	

SUNDRY BIDS FOR BONDS OF ANY ISSUE.

No. of Bid.	Amount of Bid.	Name of Bidders.	Remarks.
6 42	\$100,000.00 1,000.00	G. G. Blymyer & Co. E. Salinger.	No check.

SPECIAL BID.

F. H. Rollins & Sons and N. W. Harris & Co. bid for the entire issue of \$3,280,000 of Fire Protection, Sewer, School and Hospital Bonds, offered at sale of September 8, 1908, the sum of \$3,298,696 on bonds bearing 4 1/2 per centum interest, conditioned that the remaining authorized issue of 5's of July 1, 1908, are awarded bearing the same 4 1/2 per centum interest rate and upon the payment of an additional premium of \$5.70 on each \$1,000 bond.

BIDS FOR FIRE PROTECTION BONDS BY YEAR OF MATURITY.

No. of Bids.	Year of Maturity.	No. of Bonds.	Amount of Bid.	Name of Bidders.	Remarks.
62	1916	25	\$ 26,046.00	Wells Fargo-Nevada National Bank.	
74	1916	25	25,875.00	Mercantile Trust Co.	
96	1916	25	25,832.50	Los Angeles Trust Co.	
56	1916	50	51,325.00	Anglo-California Bank, Ltd.	
68	1916	5	5,125.00	Anglo-California Bank, Ltd.	
50	1916	10	10,200.00	Swiss-American Bank.	
73	1916	3	3,076.80	C. Francis.	
63	1917	25	26,153.50	Wells Fargo-Nevada National Bank.	
98	1917	25	25,917.50	Los Angeles Trust Co.	
74	1917	17	17,680.00	Mercantile Trust Co.	
64	1918	25	26,256.00	Wells Fargo-Nevada National Bank.	
99	1918	25	25,997.50	Los Angeles Trust Co.	
54	1918	2	2,000.00	Jas. Feitelberg.	
97	1919	25	25,962.50	Los Angeles Trust Co.	
95	1920	25	26,037.50	Los Angeles Trust Co.	
68	1920	25	25,562.50	Anglo-California Bank, Ltd.	Sewer or School Bonds taken in lieu.
68	1920	5	5,118.75	Anglo-California Bank, Ltd.	Sewer or School Bonds taken in lieu.
72	1921	25	26,220.50	Firemen's Fund Insurance Co.	
94	1921	25	26,095.00	Los Angeles Trust Co.	
68	1921	25	25,593.75	Anglo-California Bank, Ltd.	Sewer or School Bonds taken in lieu.
93	1922	25	26,150.00	Los Angeles Trust Co.	
68	1922	25	25,625.00	Anglo-California Bank, Ltd.	Sewer or School Bonds taken in lieu.
92	1923	25	26,212.50	Los Angeles Trust Co.	
68	1923	25	25,671.88	Anglo-California Bank, Ltd.	Sewer or School Bonds taken in lieu.
72	1924	25	26,422.00	Firemen's Fund Insurance Co.	
91	1924	25	26,270.00	Los Angeles Trust Co.	
68	1924	25	25,703.13	Anglo-California Bank, Ltd.	Sewer or School Bonds taken in lieu.
90	1925	25	26,325.00	Los Angeles Trust Co.	
68	1925	15	15,431.25	Anglo-California Bank, Ltd.	Sewer or School Bonds taken in lieu.
45	1925	2	2,020.00	Mark Goldsmith.	
89	1926	25	26,375.00	W. H. Crocker.	Sewer or School Bonds taken in lieu.
68	1926	25	25,750.00	Anglo-California Bank, Ltd.	
88	1927	25	26,420.00	W. H. Crocker.	Sewer or School Bonds taken in lieu.
67	1927	25	25,781.25	Anglo-California Bank, Ltd.	
87	1928	25	26,467.50	W. H. Crocker.	Sewer or School Bonds taken in lieu.
68	1928	25	25,812.50	Anglo-California Bank, Ltd.	
43	1928	10	10,000.00	John Zeeman.	Sewer or School Bonds taken in lieu.
86	1929	25	26,512.50	W. H. Crocker.	
58	1929	25	25,824.83	J. Barth & Co.	

85	1930	26,550.00	W. H. Crocker.
84	1931	26,595.00	W. H. Crocker.
83	1932	26,632.50	W. H. Crocker.
82	1933	26,670.00	W. H. Crocker.
48	1933	2,070.00	I. I. Brown.
81	1934	26,705.00	W. H. Crocker.
80	1935	26,740.00	W. H. Crocker.
34	1936	26,772.50	Central Trust Co. of California.
57	1936	26,161.18	J. Barth & Co.
33	1937	26,802.50	Central Trust Co. of California.
32	1938	26,832.50	Central Trust Co. of California.
31	1939	26,860.00	Central Trust Co. of California.
30	1940	26,887.50	Central Trust Co. of California.
29	1941	26,912.50	Central Trust Co. of California.
28	1942	26,937.50	Central Trust Co. of California.
27	1943	26,962.50	Central Trust Co. of California.
25	1944	26,985.00	Central Trust Co. of California.
26	1945	27,007.50	Central Trust Co. of California.
41	1946	27,030.00	H. Fleishhacker.
40	1947	27,045.00	H. Fleishhacker.
39	1948	27,065.00	H. Fleishhacker.
76	1948	25,627.50	W. P. Fuller & Co.
72	1949	27,966.00	Firemen's Fund Insurance Co.
38	1949	27,082.50	H. Fleishhacker.
75	1949	5,113.00	W. P. Fuller & Co.
37	1950	27,100.00	H. Fleishhacker.
72	1951	28,020.00	Firemen's Fund Insurance Co.
36	1951	27,117.50	H. Fleishhacker.
22	1952	27,135.00	H. Fleishhacker.
72	1952	11,221.00	Firemen's Fund Insurance Co.
19	1953	27,152.50	H. Fleishhacker.
18	1954	27,170.00	H. Fleishhacker.
16	1955	27,185.00	H. Fleishhacker.
68	1955	26,171.88	Anglo-California Bank, Ltd.
69	1955	18,655.80	E. K. Ash.
52	1955	6,420.00	Peter and Anna Peterson.
53	1955	10,000.00	P. Duchain.
8	1916-55	122,400.00	Banque Franco-Americaine of Paris.

Three bonds of each series.

BIDS FOR SCHOOL BONDS BY YEAR OF MATURITY.

No. of Bids.	Year of Maturity.	No. of Bonds.	Amount of Bid.	Name of Bidders.	Remarks.
65	1914	48	\$ 49,569.60	City and County Bank.	
60	1914	48	49,503.40	Wells Fargo-Nevada National Bank.	
74	1914	48	49,440.00	Mercantile Trust Co.	
96	1914	48	49,248.00	Los Angeles Trust Co.	
56	1914	50	50,755.00	Anglo-California Bank, Ltd.	
61	1915	48	49,719.40	Wells Fargo-Nevada National Bank.	
74	1915	48	49,560.00	Mercantile Trust Co.	
98	1915	48	49,425.60	Los Angeles Trust Co.	
62	1916	48	49,925.80	Wells Fargo-Nevada National Bank.	
99	1916	48	49,598.40	Los Angeles Trust Co.	
63	1917	48	50,213.80	Wells Fargo-Nevada National Bank.	
97	1917	48	49,761.60	Los Angeles Trust Co.	
64	1918	48	50,410.60	Wells Fargo-Nevada National Bank.	
95	1918	48	49,915.20	Los Angeles Trust Co.	
71	1918	10	10,200.00	C. G. Reedy.	
49	1918	6	6,118.20	Thos. Molloy.	
94	1919	48	49,848.00	Los Angeles Trust Co.	
66	1919	5	5,098.50	M. Schwamm.	
93	1920	48	49,992.00	Los Angeles Trust Co.	
50	1920	10	10,300.00	Swiss-American Bank.	
92	1921	48	50,102.40	Los Angeles Trust Co.	
91	1922	48	50,208.00	Los Angeles Trust Co.	
90	1923	48	50,328.00	Los Angeles Trust Co.	
89	1924	48	50,438.40	W. H. Crocker.	
88	1925	48	50,544.00	W. H. Crocker.	
87	1926	48	50,640.00	W. H. Crocker.	
86	1927	48	50,726.40	W. H. Crocker.	
85	1928	48	50,817.60	W. H. Crocker.	
15	1928	9	9,360.00	L. Label.	
100	1928	9	9,225.00	Rose Kane.	
79	1928	5	5,000.00	Samuella L. Manson.	
44	1928	1	1,051.00	H. M. Goldsmith.	Will accept any other bond.
70	1929	72	75,600.00	German Savings and Loan Society.	Will accept whole or any part at \$1.05.
1830	1930				
84	1929	48	50,904.00	W. H. Crocker.	
58	1929	30	30,989.79	J. Barth & Co.	
21	1929-38	480	497,569.20	American National Bank of San Francisco.	
83	1930	48	50,985.60	W. H. Crocker.	

82	1931	48	51,062.40	W. H. Crocker.
81	1932	48	51,134.40	W. H. Crocker.
35	1933	48	51,605.00	H. S. Manheim.
80	1933	48	51,206.40	W. H. Crocker.
78	1933	10	10,905.00	E. and S. Heller.
77	1933	10	10,515.00	E. and S. Heller.
48	1933	2	2,070.00	I. I. Brown.
34	1934	48	51,273.60	Central Trust Co. of California.
33	1935	48	51,340.80	Central Trust Co. of California.
32	1936	48	51,403.20	Central Trust Co. of California.
31	1936	30	31,393.41	J. Barth & Co.
57	1936	48	51,460.80	Central Trust Co. of California.
8	1937-8	96	101,760.00	Banque Franco-Americaine of Paris.
30	1938	48	51,518.40	Central Trust Co. of California.
55	1938	2	2,080.00	J. B. Topnitz.
55	1938	2	2,120.00	J. B. Topnitz.
55	1938	2	2,140.00	J. B. Topnitz.
55	1938	2	2,170.00	J. B. Topnitz.
55	1938	2	2,230.00	J. B. Topnitz.

BIDS FOR SEWER BONDS BY YEAR OF MATURITY.

No. of Bids.	Year of Maturity.	No. of Bonds.	Amount of Bid.	Name of Bidders.	Remarks.
61	1915	20	\$ 20,717.00	Wells Fargo-Nevada National Bank.	
74	1915	20	20,650.00	Mercantile Trust Co.	
96	1915	20	20,594.00	Los Angeles Trust Co.	
56	1915	50	50,895.00	Anglo-California Bank, Ltd.	
62	1916	20	20,837.00	Wells Fargo-Nevada National Bank.	
98	1916	20	20,666.00	Los Angeles Trust Co.	
63	1917	20	20,923.00	Wells Fargo-Nevada National Bank.	
99	1917	20	20,734.00	Los Angeles Trust Co.	
64	1918	20	21,005.00	Wells Fargo-Nevada National Bank.	
97	1918	20	20,798.00	Los Angeles Trust Co.	
50	1918	15	15,375.00	Swiss-American Bank.	
95	1919	20	20,770.00	Los Angeles Trust Co.	
94	1920	20	20,830.00	Los Angeles Trust Co.	
93	1921	20	20,876.00	Los Angeles Trust Co.	
92	1922	20	20,920.00	Los Angeles Trust Co.	
91	1923	20	20,970.00	Los Angeles Trust Co.	
90	1924	20	21,016.00	Los Angeles Trust Co.	
89	1925	20	21,060.00	W. H. Crocker.	
88	1926	20	21,100.00	W. H. Crocker.	
	1927				
4	1928	100	104,076.00	First National Bank of San Jose, Cal.	
	1929				
87	1930	20	21,136.00	W. H. Crocker.	
86	1928	20	21,174.00	W. H. Crocker.	
85	1929	20	21,210.00	W. H. Crocker.	
58	1929	20	20,639.86	J. Barth & Co.	
84	1930	20	21,244.00	W. H. Crocker.	
83	1931	20	21,276.00	W. H. Crocker.	
82	1932	20	21,306.00	W. H. Crocker.	
81	1933	20	21,336.00	W. H. Crocker.	
78	1933	10	10,905.00	E. and S. Heller.	
77	1933	10	10,515.00	E. and S. Heller.	
80	1934	20	21,364.00	W. H. Crocker.	
34	1935	20	21,392.00	Central Trust Co. of California.	
33	1936	20	21,418.00	Central Trust Co. of California.	
57	1936	20	20,928.94	J. Barth & Co.	
32	1937	20	21,442.00	Central Trust Co. of California.	

31	1938	20	21,466.00	Central Trust Co. of California.
30	1939	20	21,488.00	Central Trust Co. of California.
29	1940	20	21,510.00	Central Trust Co. of California.
28	1941	20	21,530.00	Central Trust Co. of California.
27	1942	20	21,550.00	Central Trust Co. of California.
25	1943	20	21,570.00	Central Trust Co. of California.
18	1943	10	11,067.00	Manheim, Dibbern & Co.
26	1944	20	21,588.00	Central Trust Co. of California.
41	1945	20	21,606.00	H. Fleishhacker.
40	1946	20	21,624.00	H. Fleishhacker.
39	1947	20	21,636.00	H. Fleishhacker.
38	1948	20	21,652.00	H. Fleishhacker.
37	1949	20	21,666.00	H. Fleishhacker.
36	1950	20	21,680.00	H. Fleishhacker.
17	1950	50	50,208.00	J. J. Dowling.
22	1951	20	21,694.00	H. Fleishhacker.
19	1952	20	21,708.00	H. Fleishhacker.
18	1953	20	21,722.00	H. Fleishhacker.
16	1954	20	21,736.00	H. Fleishhacker.

BIDS FOR HOSPITAL BONDS BY YEAR OF MATURITY.

No. of Bids.	Year of Maturity.	No. of Bonds.	Amount of Bid.	Name of Bidders.	Remarks.
59	1913	14	\$14,374.80	Wells Fargo-Nevada National Bank.	
74	1913	14	14,350.00	Mercantile Trust Co.	
96	1913	14	14,310.80	Los Angeles Trust Co.	
56	1913	50	50,700.00	Anglo-California Bank, Ltd.	
60	1914	14	14,439.20	Wells Fargo-Nevada National Bank.	
74	1914	14	14,420.00	Mercantile Trust Co.	
98	1914	14	14,364.00	Los Angeles Trust Co.	
61	1915	14	14,502.20	Wells Fargo-Nevada National Bank.	
74	1915	14	14,455.00	Mercantile Trust Co.	
99	1915	14	14,415.80	Los Angeles Trust Co.	
62	1916	14	14,586.20	Wells Fargo-Nevada National Bank.	
97	1916	14	14,466.20	Los Angeles Trust Co.	
95	1917	14	14,513.80	Los Angeles Trust Co.	
63	1917	14	14,646.40	Wells Fargo-Nevada National Bank.	
64	1918	14	14,703.80	Wells Fargo-Nevada National Bank.	
94	1918	14	14,558.60	Los Angeles Trust Co.	
93	1919	14	14,539.00	Los Angeles Trust Co.	
66	1919	5	5,098.50	M. Schwamm.	
92	1920	14	14,581.00	Los Angeles Trust Co.	
91	1921	14	14,613.20	Los Angeles Trust Co.	
90	1922	14	14,644.00	Los Angeles Trust Co.	
50	1922	15	15,525.00	Swiss-American Bank.	
89	1923	14	14,679.00	W. H. Crocker.	
67	1923	10	10,402.00	A. Barkan.	
88	1924	14	14,711.20	W. H. Crocker.	
87	1925	14	14,742.00	W. H. Crocker.	
86	1926	14	14,770.00	W. H. Crocker.	
85	1927	14	14,795.20	W. H. Crocker.	
84	1928	14	14,821.80	W. H. Crocker.	
83	1929	14	14,847.00	W. H. Crocker.	
82	1930	14	14,870.80	W. H. Crocker.	
81	1931	14	14,893.20	W. H. Crocker.	
80	1932	14	14,914.20	W. H. Crocker.	
51	1932	5	5,364.50	Montefiore Lodge No. 51, I. O. O. B.	
48	1933	1	1,035.00	I. I. Brown.	

In Board of Supervisors, San Francisco, Cal.,

September 8, 1908.

Authorized issue of July 1, 1908.....\$18,200,000
 Offered for sale September 8, 1908..... 3,280,000

Name of Bond	Authorized Issue	Offered Sept. 8	Highest Assembled Maturity Bids	Highest Single Issue Bids	Highest Blanket Bid
Fire Protection.....	\$5,200,000	\$1,000,000	\$1,069,280.00	\$1,075,520.25	
Sewer.....	4,000,000	800,000	852,832.00	859,039.00	
Schools.....	5,000,000	1,200,000	1,266,102.20	1,271,837.28	\$3,514,520
Hospitals.....	2,000,000	280,000	293,671.60	298,500.00	
Hall of Justice, etc.....	1,000,000	None Offered			
Garbage Disposal.....	1,000,000	None Offered			
Total.....	\$18,200,000	\$3,280,000	\$3,481,885.80	\$3,504,905.53	\$3,514,520

The bonds authorized bear interest at 5 per cent.

The price offered is equivalent to \$1,071.50 for each thousand dollar bond, which makes the interest rate 4.46 per cent.

The bids for bonds, sale of above date, were opened, read and referred to Public Utilities Committee of Board, consisting of A. H. Giannini (chairman), D. C. Murphy and Ralph McLeran, and on September 14, 1908, upon recommendation of the Public Utilities Committee the bonds were sold to E. H. Rollins & Sons and N. W. Harris & Co., for the sum of \$3,514,520 and accrued interest.

SEGREGATION OF PREMIUM PAID.

The following table, compiled by E. H. Rollins & Sons, shows the amount of premium obtained for the bonds sold, and the apportionment of same among the several issues according to years of maturity:

Maturity.	Fire.	Sewer.	School.	Hospital.
1913.....				\$14,365.17
1914.....				14,418.37
1915.....		\$20,725.77	\$49,464.39	14,470.17
1916.....	\$25,992.41	20,797.77	49,814.99	14,520.57
1917.....	26,077.41	20,865.77	49,978.19	14,568.17
1918.....	26,157.41	20,929.77	50,131.79	14,612.97
1919.....	26,234.91	20,991.77	50,280.59	14,656.37
1920.....	26,309.91	21,051.77	50,424.59	14,698.37
1921.....	26,379.91	21,107.77	50,558.99	14,737.57
1922.....	26,447.41	21,161.77	50,688.59	14,775.37
1923.....	26,512.41	21,213.77	50,813.39	14,811.77
1924.....	26,574.91	21,263.77	50,933.39	14,846.77
1925.....	26,634.91	21,311.77	51,048.59	14,880.37
1926.....	26,689.91	21,355.77	51,154.19	14,911.17
1927.....	26,744.91	21,399.77	51,259.79	14,931.97
1928.....	26,797.41	21,441.77	51,360.59	14,971.37
1929.....	26,847.41	21,481.77	51,456.59	14,999.37
1930.....	26,894.91	21,519.77	51,547.79	15,025.97
1931.....	26,939.91	21,555.77	51,634.19	15,051.17
1932.....	26,982.41	21,589.77	51,715.79	15,074.97
1933.....	27,024.91	21,623.77	51,797.39	
1934.....	27,064.91	21,655.77	51,874.20	
1935.....	27,102.41	21,685.78	51,946.20	
1936.....	27,139.91	21,715.78	52,018.20	
1937.....	27,172.41	21,741.78	52,086.60	
1938.....	27,207.41	21,769.78	52,147.80	
1939.....	27,237.41	21,793.78		
1940.....	27,269.91	21,819.78		
1941.....	27,297.41	21,841.78		
1942.....	27,324.91	21,863.78		
1943.....	27,352.41	21,885.78		
1944.....	27,377.41	21,905.78		
1945.....	27,402.41	21,925.78		
1946.....	27,424.92	21,943.78		
1947.....	27,447.42	21,961.78		
1948.....	27,469.92	21,979.78		
1949.....	27,489.92	21,995.78		
1950.....	27,509.92	22,011.78		
1951.....	27,527.42	22,025.78		
1952.....	27,544.92	22,039.78		
1953.....	27,562.42	22,053.78		
1954.....	27,579.92	22,067.78		
1955.....	27,594.92			
Totals.....	\$1,080,344.00	\$863,075.00	\$1,275,773.00	\$295,328.00

BONDS DELIVERED.

Thereafter the bonds purchased as above recited were paid for by E. H. Rollins & Sons and delivered to them as follows:

Fire Protection Bonds to the amount of \$1,000,000 on October 15, 1908, for which \$1,080,344 was paid.

Sewer Bonds to the amount of \$800,000 on October 19, 1908, for which \$863,075 was paid.

Hospital Bonds to the amount of \$280,000 on October 22, 1908, for which \$295,328 was paid.

School Bonds to the amount of \$1,200,000 on October 26, 1908, for which \$1,275,773 was paid.

Fillmore Street Wharf

NOTE.—In the Municipal Reports of fiscal year 1886-87, pages 120-128, will be found a history of the "Fillmore Street Wharf Property." The object of this article is to conclude said history.

CITY ATTORNEY ADVISES ASSESSMENT OF "FILLMORE STREET WHARF PROPERTY" TO PRIVATE OWNERS.

On April 17, 1908, the City Attorney filed with the Board of Supervisors the following communication, recommending the assessment of the "Fillmore Street Wharf Property" to private owners, and the cancelling of said property from the lists of City property, to wit:

April 17, 1908.

Board of Supervisors.

Gentlemen:—The case of Theresa A. Oelrichs vs. All persons, having been decided by the Superior Court on the 6th day of April, 1908, and that case having brought to final settlement all questions concerning the City's interest in and to the property commonly known as the Fillmore Street Wharf Property, I herewith recommend to you the assessment of that property to private owners and the cancelling of said property from the various lists of City property. In order that the matter may be thoroughly understood I have gone somewhat into the history of the wharf, and the following is an outline of the transactions concerning the property to the present date:

Whatever rights the City possesses in the property commonly designated "Fillmore Street Wharf Property" were acquired under the provisions of an Act of the Legislature, approved April 18, 1862, entitled "An Act to authorize Joseph M. Wood, his associates and their assigns, to build a wharf, in the City and County of San Francisco." This Act provided, briefly, as follows: It authorized Wood and such persons as he might associate with himself and their assigns, to construct a wharf at the foot of Fillmore street, outwardly into the Bay of San Francisco to the depth of twelve feet of water, at low tide. All the rights of the State of California to the overflowed lands, for the distance of two hundred feet on each side of said wharf were released to Wood, etc., for a period of twelve years, "for the purposes of the wharf." The Act goes on to provide:

"Sec. 4. Nothing in this Act shall be construed to authorize any obstruction of the navigation of the Bay of San Francisco, or the use of the franchise hereby granted, for any other purposes than those herein named.

"Sec. 5. From and after the expiration of the twelve years herein named, said rights herein mentioned are granted to and shall vest in the City and County of San Francisco.

"Sec. 6. No rights granted by this Act shall interfere with any general wharf system, or City improvement system, that may hereafter be adopted by said City and County.

"Sec. 8. This Act shall take effect immediately and any failure to fulfill its requirements shall subject the grantees herein named to forfeiture of the franchise."

In 1863 the Legislature passed an Act supplementary to the Act of 1862, approved April 27, 1863 (Stats. 1863, p. 768) authorizing the Fillmore Street

Warehouse, Dock and Wharf Company, the successor in interest of Wood, to extend the wharf into the Bay "to the depth not to exceed twenty-five feet of water at low tide." The Act provided that the company should "be entitled to the overflowed lands for the two hundred feet on each side of said wharf heretofore erected and hereby extended, and the same is hereby released to said company and their successors, for the period mentioned in the Act to which this Act is supplementary." This supplementary Act did not, however, provide that at the expiration of the term mentioned therein the additional rights granted therein should vest in the City and County of San Francisco, and the City succeeded to only such rights as were specifically granted by the Act of 1862.

The wharf and the authorized extension were erected. In 1874, the twelve years having expired, the Board of Supervisors, upon opinion rendered November 12, 1874, by City and County Attorney W. C. Burnett, by Resolution No. 6705 (New Series) directed the Committee on Streets to take possession of the wharf and to ascertain and report what revenue could be derived therefrom, whether by lease or otherwise, and report the proper action to be taken.

In 1875 the wharf was repaired and in January, 1876, was leased to J. P. Engle for a term of three years. In February, 1882, the wharf was again leased to Mr. Engle for a period of three years.

On May 14, 1885, John L. Love, City and County Attorney, rendered an opinion to the Board of Supervisors, in regard to the City's rights as against the North San Francisco Homestead and Railroad Association, who received a patent including the property in question from the Commissioners of Swamp and Overflowed Lands under the Act relating to sale of swamp and overflowed lands of 1884 (Stats. 1884, p. 452). The City and County Attorney held in his opinion that "so far as it effects the land granted to the City by the Act of 1862, that is the overflowed land for the distance of two hundred feet on each side of the wharf to a depth of twelve feet of water, I am of the opinion that the last named Act (Act of 1884) was not intended to authorize the sale nor the issuance of a patent to convey any title to the Association, and that the title thereto is vested in the City and County," etc.

On May 25, 1885, the Board of Supervisors adopted Resolution No. 18,164 (New Series) directing the City and County Surveyor to delineate the Fillmore Street Wharf property on the official map as City property, and "to furnish the Assessor with a plat of said property, in order that the same may be exempted from taxation."

After numerous repairs the wharf was again, on February 21, 1887, leased to J. P. Engle for a period of two years, and on April 18, 1892, it was leased to Gray Bros. Artificial Stone Pavement Co. for two years at thirty-five (\$35.00) dollars per month.

The wharf as originally constructed commenced at Bay street, which was then the foot of Fillmore street, and extended out into the waters of the Bay, and the two hundred feet on each side, as depicted by the survey, included what are now parts of Western Addition Blocks Nos. 329, 330, 331, 332, 333, 334, 335, 336, 337 and 338.

In March, 1892, the City brought injunction proceedings against James G. Fair and E. L. Graves, and obtained a temporary restraining order enjoining the defendants from constructing a bulkhead across the front of the wharf. Fair died December 20, 1894, and as the writ did not run against them, the executors of Fair continued the work enjoined and built a stone bulkhead across the face of the wharf property and extended connecting bulkheads on either side. This effectually closed in the wharf from all connection by water with the Bay.

On September 15, 1893, and before the death of James G. Fair, the Board of Supervisors, acting under an Act of the Legislature entitled, "An Act to provide work upon streets, lanes, alleys, courts, places and sidewalks, and for the construction of sewers within municipalities," approved March 18, 1863,

passed a Resolution providing for the improvement of Lewis street, which was then covered by water. A Resolution ordering work to be done was afterwards passed, and on September 25, 1893, the contract was awarded to Warren & Malley. This contract was taken over from the City by James G. Fair and the work was prosecuted by the contractors, who were paid by Fair instead of the City and County. The right of the City to order this work done was upheld by the United States Circuit Court in the case of Pacific Gas Improvement Co. vs. Elbert (64 Fed. Rep., 421). The work done under this contract included the building of the bulkhead above referred to, which extended along the line of Lewis street, and the filling in of the land between the old shore line and the bulkhead. This effectually closed all means of ingress or egress to a wharf built on the old site.

After the lease of 1892, the wharf was practically abandoned by the City and County and was allowed to go to wrack and ruin. To-day nothing but a few rotting stubs of the old piles remain.

In 1899, Action No. 61,374 in the Superior Court of the City and County, entitled "The People of the State of California, ex rel. Albert Miller, Plaintiff, against Charles A. Warren and Edward Malley, co-partners, etc., et al., Defendants, was brought to restrain the defendants therein from prosecuting the work heretofore mentioned as authorized by the Resolution and contract of the Board of Supervisors, and also it was prayed that the State of California be adjudged to have dominion over the property in question as being a portion of the navigable waters of the Bay. On March 28, 1902, the Court rendered judgment in this matter. In a lengthy opinion and decision Judge J. C. B. Hebbard decided that the patent from the State to James G. Fair was valid and conveyed the fee and that the City's rights merely consisted of a franchise.

That in the same year, 1899, Action No. 61,664, entitled "James D. Angus, et al., Plaintiffs, vs. E. L. Colnon, et al., Defendants, was brought. This case went to final decision and adjudicated the fact that the property in question was vested in fee simple in the plaintiffs thereto.

On April 6th of this year the Superior Court of the State of California, in and for the City and County of San Francisco, Department No. 5 thereof, rendered judgment in the case of Theresa A. Oelrichs, Plaintiff, vs. All persons, etc., Defendants, Special No. 314. In this case, also, the Court held the fee to be in private ownership and not in the City.

It having been effectually settled by Court decisions that the fee is in private ownership, the property should be assessed to such private owners and taken from the list of City property.

I therefore suggest to your Honorable Board that Resolution No. 18,164 (New Series), adopted May 25, 1885 (see Municipal Reports, 1886,87, p. 126), be repealed and that the Assessor be directed to assess the same in accordance with the law.

Respectfully,

PERCY V. LONG, City Attorney.

ASSESSOR REQUESTS ACTION.

The following is a copy of a communication filed by the Assessor requesting action in the matter of assessing Fillmore Street Wharf property to private ownership, to wit:

San Francisco, May 19th, 1908.

To the Honorable Board of Supervisors
of the City and County of San Francisco.

Gentlemen:—Under date of April 18th, 1908, the City Attorney addressed to your honorable Board a communication relative to the assessment of Fillmore

Street Wharf properties. The concluding paragraph of this communication reads as follows:

"I, therefore, suggest to your honorable Board that Resolution No. 18,164 (New Series), adopted May 25, 1885, be repealed, and that the Assessor be directed to assess the same in accordance with the law."

I desire to suggest that if your honorable Board has any directions to give this office relative to the assessment of this property the same must be given within the next two weeks in order to make it possible to enter the same on the Assessment Roll of this year.

Very truly yours,

WASHINGTON DODGE, Assessor.

RESOLUTION ASSESSING FILLMORE STREET WHARF PROPERTY TO PRIVATE OWNERS.

In accordance with the hereinabove recommendation of the City Attorney, which recommendation was approved by the Judiciary Committee of the Board of Supervisors, the said Board, on June 9, 1908, adopted Resolution No. 2376 (New Series), assessing the "Fillmore Street Wharf Property" to private owners, being in terms as follows, to wit:

RESOLUTION NO. 2376.

(New Series.)

Whereas, The City Attorney, in a written communication, filed April 20, 1908, advises that in accordance with court decisions setting forth that the fee to the property commonly known as the "Fillmore Street Wharf Property" is in private ownership, and not in the City; furthermore, that the City and County never possessed any more than an easement in said property, which easement has since lapsed, owing to non-user thereof; and,

Whereas, The City Attorney also advises that the said property known as the "Fillmore Street Wharf Property" should be assessed to private owners and should be taken from the list of City property; therefore,

Resolved, That Resolution No. 18,164 (New Series), adopted May 25, 1885, wherein and whereby the City and County Surveyor was directed to delineate upon the official map of this City and County the land owned by the City at the north end of Fillmore street, occupied by the Fillmore street wharf and comprising a space commencing at the southerly end of said wharf and for a distance of two hundred feet on both sides thereof northerly to the point where in the year 1862 the waters of the Bay were twelve feet deep at low water; also, to furnish the Assessor with a plat of said property, in order that the same may be exempted from taxation, be and the same is hereby repealed.

Resolved, That the Assessor be and he is hereby directed to assess the said Fillmore Street Wharf property in accordance with the law;

Resolved, Further, That the attention of the Assessor, Recorder, Board of Public Works and City Engineer be and is hereby called to the provisions of this resolution, and said officials are directed to change their maps and plats accordingly.

And the Clerk is hereby directed to advertise this Resolution in the Evening Post Newspaper.

In Board of Supervisors, San Francisco, June 8, 1908.

Adopted by the following vote:

Ayes—Supervisors Bancroft, Booth, Broderick, Center, Connolly, D'Ancona, Giannini, Hocks, Jennings, Johnston, McAllister, McLeran, Murdock, Murphy, Pollok, Rixford.

Absent—Supervisors Comte, Payot.

JOHN E. BEHAN, Clerk.

Approved, San Francisco, June 10, 1908.

EDWARD R. TAYLOR,

Mayor and ex-officio President of the Board of Supervisors.

Lease of Lincoln School Lot

Proceedings in the matter of the lease of the Lincoln School lot, situate at the easterly corner of Market and Fifth streets, for a term of thirty-five years, were initiated by the Board of Education on February 12, 1908, when a Resolution determining to lease said lot was adopted by said Board.

NOTICE INVITING BIDS FOR LEASE PUBLISHED.

In compliance with the Charter requirement, an advertisement calling for sealed proposals for the "Lincoln School Lot," was inserted in the Evening Post, the official newspaper of the City and County of San Francisco, sixty times on dates from February 20, 1908, to April 26, 1908, and also in the San Francisco Call, a newspaper of general circulation, sixty times on dates from February 21, 1908, to April 21, 1908, said advertisement being as follows, to wit:

City Property to Lease for Term of Thirty-Five Years.

The property known as the Lincoln School lot, 100-vara site, at southeast corner Fifth and Market streets (275 feet by 275 feet), part of 100-vara Block No. 371.

For particulars and specifications apply to office of the Secretary, Board of Education.

E. C. LEFFINGWELL,

Secretary Board of Education, southwest
corner Pine and Larkin streets.

SPECIFICATIONS ARE ISSUED.

The Board of Education, on February 21, 1908, issued the following specifications governing the submission of bids for lease of the "Lincoln School Lot," to wit:

SCHOOL LAND PROPOSAL

Leasing for a Term of Thirty-five Years the
School Property at Fifth and Market Streets.

Office of the Board of Education,

Southwest corner Pine and Larkin streets.

San Francisco, Cal., 21st day of February, 1908.

In accordance with an order of the Board of Education of the City and County of San Francisco, made in and by virtue of the Charter of the City and County of San Francisco, this 21st day of February, 1908, notice is hereby given that on the 6th day of May, 1908, at the hour of 3 o'clock p. m. of said day, and at the rooms of said Board of Education of the City and County of San Francisco, situated on the southwest corner of Pine and Larkin streets, in the said City and County of San Francisco, the said Board of Education

will in open session receive, open and act upon bids for the letting for a term of thirty-five (35) years that certain lot, piece or parcel of land commonly known as the Lincoln School property, and particularly described as follows, to wit:

Commencing at the easterly corner of Market and Fifth streets, running thence southeasterly along the northeasterly line of Fifth street two hundred and seventy-five (275) feet to a point seventy-five (75) feet northwesterly from the northwesterly line of Jessie street; thence at right angles northeasterly and parallel with the northwesterly line of Jessie street two hundred and seventy-five (275) feet; thence at right angles northwesterly two hundred and seventy-five (275) feet to the southeasterly line of Market street; thence southwesterly along the southeasterly line of Market street two hundred and seventy-five (275) feet to the point of beginning, the same being a one hundred vara lot in One Hundred Vara Block Number 371.

All persons are hereby invited to present to the said Board of Education, not later than 3 o'clock p. m. of the said 6th day of May, 1908, their sealed bids or proposals for the granting or awarding unto them of the said lease, each bid to be accompanied by a certified check payable to the order of the said Board of Education, in the sum of ten thousand (\$10,000.00) dollars as a guarantee of good faith, so that if the bid of such person or persons be accepted, that such person will forthwith proceed to accept and will accept from the Board of Education a lease of said property upon the terms and conditions in the successful bid of such person or persons contained; otherwise such certified check and the amount thereof shall be forfeited at once to the said Board of Education; all bids to state the rental which the bidder or bidders will pay for the above described property during the entire term of thirty-five (35) years; provided, however, that said rental must be segregated into two amounts, the first of which amount shall be the rental to be paid for the first five (5) years, which rental must be at least eight (8) per centum of the total aggregate rental bid for the entire term of the lease, and shall be payable in equal monthly installments during said five years; and the second of which amounts shall be the rental to be paid for the remaining thirty (30) years of the lease, which rental for said thirty (30) years shall be payable in equal monthly installments.

The lessee to erect and construct a building on said premises, the same to conform to and comply with the building laws of this City and County, and to be not less than four stories in height, said building to be completed within eighteen (18) months from the date of signing of lease.

The successful bidder upon being awarded a lease upon the conditions herein contained, shall be liable for and shall be obliged to pay the rental monthly in advance, the same to commence and the first payment to be made on the first day of the month next succeeding the date upon which such award of lease is made; a failure to pay such rental being a breach of contract, for which the specified forfeiture shall be made.

The Board of Education shall obtain from the person or persons constructing or causing to be constructed said building, a good and sufficient bond in the sum of twenty-five thousand (\$25,000.00) dollars, for the faithful performance of such contract and lease, and for the construction of the proposed building in accordance with the contract and without unnecessary delay.

That the successful bidder shall covenant in the lease to be executed that he will keep the proposed building in said lease mentioned, insured for a sum not less than one hundred thousand (\$100,000.00) dollars with such insurance company or companies as may be approved by the Mayor and the President of the Board of Education, for the benefit of and payable to the lessor, provided that said sum of one hundred thousand (\$100,000.00) dollars or any part thereof which may be received by the lessor by virtue of any policy of insurance upon said building which may be payable by reason of the destruction of said building, whether total or partial, by fire, or otherwise, shall be paid over to the lessee

immediately after the said lessee shall rebuild on said premises a building of similar character or better than the one so destroyed; provided, however, that the lessee commence to rebuild within ninety days after the said total or partial destruction of said building by fire or otherwise; the said lessee to pay all expenses and costs of such insurance, such as premiums, etc., that the lessee will not assign this lease without the written consent of the said Board of Education, which consent must be approved by the Supervisors; nor shall he let said premises for any immoral purposes; and that all buildings and improvements erected on said premises shall, at the termination of said lease, revert to and become the property of the School Department of the City and County of San Francisco, and that the said lessee during the said term of the said lease shall at his own expense keep in repair all of said premises. The policy or policies of insurance shall be retained in the custody of the Board of Education.

The lessee shall pay all taxes and assessments which may be issued or levied against the buildings and improvements so to be erected on said real property during the whole term of said lease.

Said lease will be awarded to the highest responsible bidder or bidders as the Board of Education may determine, the said Board hereby reserving the right to reject any and all bids as the public good may dictate or require.

In accordance with the provisions of Section 2, of Chapter III, of Article VII, of the Charter, all proposals shall be accompanied with a certificate of deposit or a certified check on a solvent bank of the City and County of San Francisco, according to the terms above specified, the same being made payable at sight to the order of the said Board of Education.

If the bidder to whom the lease is awarded shall for ten (10) days after such award is made fail or neglect to enter into and sign the required lease, the money due on such certificate of deposit or check shall stand forfeited to the Board of Education and shall be deposited with the City Treasurer to the credit of the Common School Fund.

No bid will be considered unless the terms and conditions thereof are in accordance with these specifications.

BIDS FOR LEASE OF LINCOLN SCHOOL LOT ARE FILED.

On May 6, 1908, the following bids for the lease of the Lincoln School lot were filed with the Board of Education, to wit:

Bid of Murray F. Vandall.

To the Board of Education
of the City and County of San Francisco.

Pursuant to the notice and advertisement published by your honorable Board, dated "San Francisco, 21st day of February, 1908," a copy of which is hereto annexed and made a part hereof, the undersigned Murray F. Vandall hereby makes this his sealed bid and proposal for the letting for a term of thirty-five years of that certain lot, piece or parcel of land known as the Lincoln School property, particularly described in said notice or advertisement; and offers to take and accept from and to execute a lease of said property from your honorable Board to the undersigned upon the terms and with and under the covenants mentioned in said notice or advertisement and at the rental hereinafter mentioned, that is to say:

The undersigned will pay as rental for the said property during the entire term of thirty-five (35) years the sum of two million four hundred and seven-

LEASE OF LINCOLN SCHOOL LOT

1255

teen thousand and one hundred dollars (\$2,417,100.00). segregated in two amounts as follows, to wit:

The sum of one hundred and ninety-three thousand three hundred and sixty-eight dollars (\$193,368.00) shall be the rental to be paid for the first five (5) years, and shall be payable in equal monthly installments during said five years, and the sum of two million, two hundred and twenty-three thousand seven hundred and thirty-two dollars (\$2,223,732.00) shall be the rental to be paid for the remaining thirty (30) years of the lease which rental for said thirty (30) years shall be payable in equal monthly installments.

The undersigned agrees that upon being awarded a lease upon the conditions in said notice or advertisement contained he will pay the said rental monthly in advance, the same to commence and the first payment to be made on the first day of the month next succeeding the date upon which such award of lease is made.

If a lease shall be awarded to the undersigned, the undersigned will forthwith proceed to accept and will accept from your honorable Board a lease of said property at the rental above mentioned and upon all the terms and conditions and covenants in this bid and in said notice or advertisement contained.

The undersigned accompanies this bid with and encloses herewith a certified check on the Union Trust Company of San Francisco (the same being a solvent bank of the City and County of San Francisco) payable at sight to the order of the Board of Education of the City and County of San Francisco in the sum of ten thousand dollars (\$10,000) as a guarantee of good faith, so that if the bid of the undersigned be accepted the undersigned will forthwith proceed to accept and will accept from said Board of Education a lease of said property upon the terms and conditions in this bid and in said notice or advertisement contained and if the undersigned (in the event that a lease be awarded to the undersigned) shall for ten (10) days after such award is made, fail or neglect to enter into and sign the required lease, the money due on such certified check shall stand forfeited to said Board of Education and may and shall be deposited with the City Treasurer to the credit of the Common School Fund.

Dated, San Francisco, May 6th, 1908.

MURRAY F. VANDALL,
420 Montgomery street, San Francisco.

Bid of Wise Realty Company.

San Francisco, May 5th, 1908.

To the Honorable the Board of Education,
City and County of San Francisco.

Gentlemen:—Pursuant to your advertisement calling for bids on the "Lincoln" School site, situated on the southeast corner of Fifth and Market streets, and in compliance with the conditions and specifications mentioned therein, we beg to submit for favorable consideration and approval the following bid:

A total bid of \$2,835,000.00 for a thirty-five year lease on the above-named property, with rentals payable in the following manner:

For the first five years a rental of \$3,780 per month.

For the remaining thirty years a rental of \$7,245 per month.

We deposit herewith certified check of \$10,000 as a guarantee of good faith that we will comply with the conditions as set forth in your specifications.

Awaiting your early reply, we are

Respectfully,

(Seal)

WISE REALTY COMPANY.
MAURICE ROSENTHAL, President.
A. O. STEWART, Secretary.

LEASE OF LINCOLN SCHOOL LOT

Bid of A. J. Rich & Co.

To the Honorable the Board of Education
of the City and County of San Francisco.

Gentlemen:—Referring to the accompanying proposal inviting bids for a lease of the school property at Fifth and Market streets in this city the undersigned hereby offers as the rental for the first five years the total sum of \$141,182.61, and for the last thirty years \$1,623,600, aggregating \$1,764,782.61 for the entire term. This bid is accompanied by certified check as per proposal. In event this bid is accepted the lease shall be made to our principal.

May 6, 1908.

A. J. RICH & CO.,

Agents.

Bid of John Trounson.

San Francisco, May 5th, 1908.

To the Honorable the Board of Education
of the City and County of San Francisco.

Gentlemen:—I hereby offer to lease the property owned by the City and County of San Francisco as follows:

(Description.)

for a period of thirty-five (35) years, in accordance with the printed proposal of your honorable Board, which is attached hereto and made a part hereof, and to pay the following monthly rental for said property:

Four thousand dollars (\$4,000) per month for the first five years of said term.

Fifty-one hundred and seventy-five dollars (\$5,175) per month for the last thirty years of said term.

The total rental for said period of thirty-five (35) years will be the sum of two million one hundred and three thousand dollars (\$2,103,000).

The total rental for the first five years of said term will be two hundred and forty thousand dollars (\$240,000).

The total rental for the last thirty years of said term will be one million eight hundred and sixty-three thousand dollars (\$1,863,000).

The rental for the first five years of said term is equivalent to about eleven (11) per cent of the total rental.

Respectfully submitted,

JOHN TROUNSON.

DETAILS RELATIVE TO BIDS FOR LINCOLN SCHOOL LOT.

On May 12, 1908, the following communication from the Board of Education was filed, setting forth certain details relating to the list of bids filed for lease of the "Lincoln School Lot," to wit:

San Francisco, May 9, 1908.

To the Honorable the Board of Supervisors,
City.

Gentlemen:—I have the honor to inform you that at a meeting of the Board of Education held Wednesday, May 6th, 1908, sealed proposals for the leasing of the school property at the southeast corner of Fifth and Market

LEASE OF LINCOLN SCHOOL LOT

1257

streets and known as the Lincoln School lot, were duly opened, as required by Charter provision. In all four bids were received, as follows:

No. 1. From the Wise Realty Company, offering for a term of 35 years a total of.....	\$2,835,000.00
No. 2. From John Trounson, offering for a term of 35 years.....	2,103,000.00
No. 3. From Murray F. Vandall, offering for a term of 35 years..	2,417,000.00
No. 4. From A. J. Rich & Co., offering for a term of 35 years....	1,764,782.61

The bid of the Wise Realty Company, being the highest and best bid received, offers for the first five years of the lease a rental of \$3,780.00 per month, and for the remaining thirty years of the lease, a rental of \$7,245.00 per month, making the total for thirty-five years of \$2,835,000.00

The bids above described were taken under advisement by the Board of Education, and on Friday, May 8th, 1908, award was duly made by resolution, the bid of the Wise Realty Company being accepted.

You are herewith respectfully informed that the Wise Realty Company has given its address at No. 21 Battery street, the personnel of the company being Maurice Rosenthal, President; O. A. Stewart, Secretary, and G. T. Sullivan.

Conforming to the Charter requirement, this company has deposited a certified check on the London, Paris and American Bank in the sum of \$10,000.00, same to be held until the award of lease is approved by your honorable Board, when a surety bond in the sum of \$25,000.00 will be substituted therefor.

The Board of Education now asks your honorable Board to consider the terms of this award, with the end in view of ratifying the act of this Board, so that a lease may be drawn and entered into, and the collection of rentals commence at as early a date as possible.

The Board of Education believes this bid to be an excellent one, and respectfully invites the attention of your honorable Board to the fact that when sealed proposals were advertised and opened in reference to this same property one year ago, the highest offer made was in the sum of \$4,050.00 per month. It will be noted that the offer of the Wise Realty Company amounts to an average monthly rental of \$6,750.00 for the naked property for the entire period, and the Board of Education is of the opinion that this figure is a fair and advantageous offer to the City.

You are respectfully informed that the original bids received are on file in this office and will be transmitted to your honorable Board at your request, should they be required.

The suggestion is respectfully made that the matter of ratifying this lease be taken up and disposed of by your honorable Board at as early a date as possible, in order that the revenue to be derived from this lot be obtained as promptly as may be feasible.

Yours respectfully,

THE BOARD OF EDUCATION.

By E. C. LEFFINGWELL, Secretary.

BOARD OF EDUCATION ACCEPTS BID OF WISE REALTY COMPANY.

The following is a copy of the Resolution adopted by the Board of Education, on May 8, 1908, accepting the bid of the Wise Realty Company for lease of the Lincoln School lot, to wit:

Resolved, That the bid of the Wise Realty Company, being in the sum of \$2,835,000.00, for a lease of the school property at the southeast corner of Fifth and Market streets, for a term of thirty-five years as per specifications issued in accordance with the Charter provisions, the same being the highest and

best bid received for such lease, be and the same is hereby accepted; and be it further

Resolved, That the Secretary of this Board is hereby directed to return to all other bidders their certified checks deposited with their bids and to forthwith notify the Board of Supervisors of the awarding of this lease to the Wise Realty Company with the request that the action of this Board be ratified and that such lease be at once entered into.

BOARD OF SUPERVISORS APPROVES AWARD OF LEASE FOR LINCOLN SCHOOL LOT.

The following is a copy of Bill No. 519, Ordinance No. 440 (New Series), passed by the Board of Supervisors May 25, 1908, and approved by his Honor, the Mayor, May 26, 1908, approving award of lease by the Board of Education to the Wise Realty Company for rental of the Lincoln School lot, to wit:

BILL NO. 519. ORDINANCE NO. 440.

(New Series.)

Approving award of lease made by the Board of Education to the Wise Realty Company for rental of the "Lincoln School Lot," on the easterly corner of Fifth and Market streets.

Whereas, The Board of Education, pursuant to the provisions of Subdivision 11 of Section 1, Chapter III of the Charter of the City and County of San Francisco, determined on the 12th day of February, 1908, to lease to the highest responsible bidder for the benefit of the Common School Fund, for a term not to exceed thirty-five years, a school lot commonly known as the "Lincoln School Lot," situate on the easterly corner of Fifth and Market streets; and

Whereas, In accordance with said determination a publication of a notice of lease was duly made in The Evening Post, the official newspaper of the City and County of San Francisco, on the 20th day of February, 1908, and also in the San Francisco Call, the same being a daily newspaper of general circulation published in the City and County of San Francisco, on the 21st day of February, 1908, and said publications were each continued for a period of sixty days; and

Whereas, Pursuant to said notice of lease bids were filed with the Board of Education on May 6, 1908; and

Whereas, The highest and best bid was that made by the Wise Realty Company to lease for a term of thirty-five years said School Department lot for the total sum of \$2,835,000, the monthly rental for the first five years of the lease to be \$3,780 per month, and for the remaining thirty years of the term of the lease the rental to be \$7,245 per month, the average rental during said term being \$6,750 per month; and

Whereas, Said bid was accepted by the Board of Education by the affirmative votes of four of its members at a meeting held on May 7, 1908, to wit, by the votes of School Directors Altman, O'Connor, Oliver and Boyle, as appears of record in the minute book of said Board of Education; now therefore

Be it ordained by the People of the City and County of San Francisco as follows:

Section 1. That the award of lease made on May 7, 1908, by the Board of Education to said Wise Realty Company to rent from the Board of Education for a term of thirty-five years the School Department lot hereinafter described

for a total rental of \$2,835,000, the same to be paid in the amounts and at the times expressed in the bid filed therefor by said Wise Realty Company with the Board of Education, May 6, 1908, be and the same is hereby approved and said Board of Education is hereby authorized and empowered to enter into said lease accordingly.

DESCRIPTION OF LOT.

Commencing at the easterly corner of Market and Fifth streets; running thence southeasterly along the northeasterly line of Fifth street two hundred and seventy-five (275) feet to a point seventy-five (75) feet northwesterly from the northwesterly line of Jessie street; thence at right angles northeasterly and parallel with the northwesterly line of Jessie street two hundred and seventy-five (275) feet; thence at right angles northwesterly two hundred and seventy-five (275) feet to the southeasterly line of Market street; thence southwesterly along the southeasterly line of Market street two hundred and seventy-five (275) feet to the point of beginning, the same being a one hundred vara lot in One Hundred Vara Block Number 371.

Section 2. This Ordinance shall take effect immediately.

In Board of Supervisors, San Francisco, May 25, 1908.

After having been published five successive days, according to law, taken up and finally passed by the following vote:

Ayes—Supervisors Bancroft, Booth, Broderick, Center, Comte, Giannini, Hocks, Jennings, Johnston, McAllister, McLeran, Murdock, Murphy, Payot, Pollok, Rixford.

Absent—Supervisors Sachs, Stafford.

JOHN E. BEHAN, Clerk.

Approved, San Francisco, May 26, 1908.

EDWARD R. TAYLOR,

Mayor and ex-officio President of the Board of Supervisors.

SUIT BROUGHT TO RESTRAIN BOARD OF EDUCATION FROM LEASING
LINCOLN SCHOOL LOT.

On May 16, 1908, the Board of Education filed a communication and copy of a summons in a suit brought in the Superior Court by Margaret Mahoney, to restrain said Board from leasing the Lincoln School lot. The matter was referred to the Judiciary Committee of the Board of Supervisors, which on May 25, 1908, ordered the same transmitted to the City Attorney, with the request that said official take the necessary steps to defend the Board of Education in said action. On July 15, 1908, judgment was rendered for the defendants in said action, with the right of plaintiff to appeal within six months from the decision of the lower Court. The said right of appeal expired by limitation on January 15, 1909.

APPROVING ASSIGNMENT OF LEASE OF "LINCOLN SCHOOL LOT."

The following is a copy of Resolution No. 2508 (New Series), adopted by the Board of Supervisors July 13, 1908, and approved by the Mayor, July 14, 1908, approving the assignment of the Wise Realty Company (a corporation) to the Lincoln Realty Company (a corporation) of the lease of the Lincoln School lot, heretofore made to the first-named corporation, to wit:

RESOLUTION NO. 2508.

(New Series.)

Whereas, The Board of Education has given its consent in writing to the assignment by the Wise Realty Company (a corporation) to the Lincoln Realty Company (a corporation) of that certain lease made and entered into between the Board of Education and the said Wise Realty Company (a corporation), wherein the said Board of Education leased to the Wise Realty Company (a corporation) for a period of thirty-five years from July 1, 1908, that certain lot of land situated in the City and County of San Francisco, being the southeast corner of Market and Fifth streets and known as the "Lincoln School Lot"; now therefore be it

Resolved, That the said consent of the Board of Education to said assignment be and it hereby is approved; and be it

Further resolved, That the action of said Board of Education in accepting from said lessee a cash bond in the sum of five thousand (\$5,000) dollars in lieu of a surety bond in the sum of twenty-five thousand (\$25,000) dollars, as provided in said lease, be and the same is hereby approved.

And the Clerk is hereby directed to advertise this Resolution in The Evening Post Newspaper.

In Board of Supervisors, San Francisco, July 13, 1908.

Adopted by the following vote:

Ayes—Supervisors Baneroff, Booth, Broderick, Center, Comte, Connolly, D'Ancona, Giannini, Hocks, Jennings, Johnston McAllister, McLeran, Murdock, Murphy, Payot, Pollok, Rixford.

JOHN E. BEHAN, Clerk.

Approved San Francisco, July 14, 1908.

EDWARD R. TAYLOR,

Mayor and ex-officio President of the Board of Supervisors.

ACCEPTING ASSIGNMENT OF LEASE OF LINCOLN SCHOOL LOT.

The following proceedings were had in the matter of the acceptance of the assignment by the Wise Realty Company of the lease of the Lincoln School lot to the Lincoln Realty Company, to wit:

At a regular meeting of the Board of Directors of the Wise Realty Company, held on the 3rd day of July, 1908, at the office of the Company, it was unanimously

Resolved, That this corporation assign its lease of that certain land situate at the southeast corner of Fifth and Market streets in the City and County of San Francisco, State of California, commonly known as the Lincoln School property, to the Lincoln Realty Company, together with the deposit of ten thousand (10,000) dollars, made by this corporation under the terms and conditions of said lease, upon the receipt by this corporation of one thousand (1,000) shares of the capital stock of said Lincoln Realty Company and the assumption by said Lincoln Realty Company of all the obligations of said lease and the release of said corporation from any and all obligations under such leases. Be it further

Resolved, That the President and Secretary of this corporation be and they are hereby authorized and directed to make said assignment and receive said stock.

At the end of the assignment the following language appears:

"The Lincoln Realty Company, a corporation, organized and existing under the laws of the State of California, hereby accepts the foregoing assignment of lease, subject to all the terms, covenants and conditions of the same and to the

payment of the rent therein contained by the said Lincoln Realty Company, this 13th day of July, 1908, under a resolution of its Board of Directors passed at a regular meeting thereof, the 3rd day of July, 1908."

In witness whereof said Lincoln Realty Company has hereunto set its hand and seal by its President and Secretary thereunto duly authorized this 13th day of July, 1908.

LINCOLN REALTY COMPANY,

(Seal)

By MAURICE ROSENTHAL, President.

A. O. STEWART, Secretary.

The foregoing assignment is dated July 13, 1908, and was recorded November 23, 1908, in Liber 26 of Leases, page 151.

Lease of Post Street School Lot

PROCEEDINGS FOR LEASE OF POST STREET SCHOOL LOT INITIATED BY BOARD OF EDUCATION.

The proceedings in the matter of the lease of the school lot situate north side of Post street, 118 feet 10 inches westerly from Grant avenue, were initiated at a meeting of the Board of Education on December 12, 1907, when a resolution determining to lease said lot was adopted by said Board.

NOTICE INVITING BIDS FOR LEASE.

In compliance with the Charter requirement, an advertisement calling for sealed proposals for the lease of the "Post Street School Lot" was published in the Evening Post, the official newspaper of the City and County of San Francisco, sixty times on dates from January 2nd to March 13th, 1908, and also in the Bulletin, a newspaper of general circulation, sixty times on dates from January 2nd to March 12th, 1908, said advertisement being as follows, to wit:

Proposals to Lease School Properties.

Office of the Secretary of the Board of Education,
Southwest corner of Pine and Larkin Streets,
City and County of San Francisco.

Thursday, December 19, 1907.

Under and by virtue of Charter Amendment No. 14, as passed by a vote of the people at an election held November 5, 1907, and as ratified by the Legislature of the State of California in extraordinary session assembled, which measure amends Subdivision 11 of Section 1 of Chapter III of Article VII of the Charter of the City and County of San Francisco, relating to the leasing of real property of the School Department, notice is hereby given that at a meeting of the Board of Education to be held on Thursday afternoon, March 26, 1908, at the hour of 3 o'clock, sealed proposals will be opened for the leasing of the following described school lots, awards to be made to the highest and best responsible bidders in accordance with and subject to all the conditions and terms herein laid down and prescribed, such awards to be approved by ordinance on the part of the Board of Supervisors.

The parcels of land offered for lease are as follows:

Post Street School Lot.—Commencing at a point on the north line of Post street, 118 feet and 10 inches west of the westerly line of Grant avenue, and running 70 feet west; thence northerly 122 feet 6 inches to the southerly line of Stockton place; thence easterly 68 feet 9 inches along the southerly line of Stockton place, and thence southerly 50 feet, and thence easterly 1 foot 3 inches and thence southerly 72 feet 6 inches to the point of commencement.

Jefferson School Lot.—Commencing at a point 225 feet east of the easterly line of First street on the southerly line of Clementina street, and running 50 feet east therefrom along the southerly line of Clementina street, thence southerly 80 feet along the westerly line of Ecker street, thence 10 feet east along the southerly line (or end) of Ecker street, thence 40 feet north along the easterly line of Ecker street, thence 80 feet east and parallel with Clementina street,

thence 40 feet south and parallel with First street, thence 40 feet west and parallel with Tehama street, thence 75 feet south and parallel with Tehama street, thence 118 feet west to the point of commencement.

Terms and Conditions.—The Board of Education offers these two school lots for lease to the highest and best responsible bidders, for the term of thirty-five (35) years; all bids to be in the hands of the Secretary of the Board of Education not later than 3 o'clock, on Thursday, March 26, 1908; no proposal to be considered that covers both properties, but separate bids on same to be filed; each bid to be accompanied by a certified check in the sum of \$5,000.00 for the Post street property bid and \$2,500,000 for the First and Tehama street property bid, the same to be drawn upon a solvent bank of this City and County and made payable to the order of the Secretary of the Board of Education; rental of above described lots to begin when lease is signed by the Board of Education and approved by Board of Supervisors in accordance with law; rentals to be payable monthly in advance in United States gold coin; actual work of erection of buildings to be placed on properties to be commenced by successful bidders within sixty days from date of awards; all buildings and improvements placed upon such lots to revert, in accordance with law, to the Board of Education at the expiration of lease; successful bidders to whom awards are made to file with the Secretary of the Board of Education within ten days after award is made a surety bond in the sum of \$50,000, indemnifying the Board of Education, its members, the City and County of San Francisco, the Board of Supervisors and its members, from any and all liability that may arise by reason of personal injuries received during work of constructing buildings, and full and complete indemnification from and all liens, claims or damages arising from the non-performance of contracts made and entered into by and between owners and contractors or employes or for materials supplied; improvements or buildings to be erected to conform to the provisions of the existing building laws of this City and County; all improvements and buildings to be insured at the expense of the person or persons to whom awards are made (against fire) and policies to be made out to the Board of Education and deposited with such Board; no building or improvements to be erected, to be used for any immoral purposes whatsoever, or to be used for any purpose that is objectionable to the Board of Education or in any wise detrimental to the interests of this City and County.

A copy of this published proposal must be attached to and must accompany all bids filed.

The Board of Education reserves the right to take any and all bids under advisement, and to reject or accept the same as the public welfare may seem to dictate or require, or the public policy and the aim of the Board of Education to necessitate.

Such above described properties to be leased for the benefit of the Common School Fund, and all bids to be opened at a public meeting to be held at the southwest corner of Pine and Larkin streets, or wherever the office of the Secretary of the Board of Education may then be, under the conditions and terms above named.

E. C. LEFFINGWELL,
Secretary Board of Education, in and for the
City and County of San Francisco, Cal.

BIDS FOR LEASE OF POST STREET SCHOOL LOT OPENED.

The Board of Education met on March 26, 1908, and opened the following bids filed with said Board for the lease of the Post Street School lot, to wit:

Bid of W. H. Mack, enclosing certified check No. 1,735 on the International Banking Corporation, in the sum of \$2,500.00, and another certified check, No.

7,640, drawn on the Crocker National Bank in the sum of \$2,500.00, making a total of \$5,000.00, such bid being graduated so as to average \$911.42 per month and aggregating \$382,800.00 to be collected during the thirty-five years representing the life of the lease of the Post Street School lot.

Bid of L. S. Schoenfeld, enclosing check on the Crocker National Bank in the sum of \$5,000.00, offering for the lease of the Post street lot, Post street near Grant avenue, for the term of thirty-five years, a graduated scale not totaled.

The bids received were taken under advisement, decision to be rendered by the Board of Education on March 31, 1908.

BOARD OF EDUCATION ACCEPTS BID OF W. H. MACK.

On March 31, 1908, the Board of Education adopted the following Resolution, accepting the bid of W. H. Mack for the lease of the Post Street School lot, to wit:

Resolved, That the bid of W. H. Mack for the lease of a certain school lot on the north side of Post street, west of Grant avenue and known as the Post Street School lot, such bid being in the aggregate in the sum of \$362,800.00 for the entire term of thirty-five years and averaging a monthly rental of \$911.42, the same being the best and highest bid received, be and the same is hereby accepted subject to the approval of the Board of Supervisors as provided by the Charter.

NOTE.—A bid filed by Fred W. Meyer for lease of the Jefferson School lot (included in same advertisement) for \$72 per month was rejected by the Board of Education as too low.

ERROR IN DESCRIPTION OF LOT CORRECTED.

The Board of Education advised the Board of Supervisors in written communication filed May 14, 1908, that the description of the Post Street School lot, as set forth in all previous proceedings, contained an error, as noted in a communication filed by the attorneys of the owner of the lot adjoining said school lot. The error in description was accordingly corrected in subsequent proceedings relating to said lease.

APPROVING AWARD OF LEASE OF POST STREET SCHOOL LOT TO W. H. MACK.

The following is a copy of Bill No. 507, Ordinance No. 422 (New Series), passed by the Board of Supervisors on May 25, 1908, and approved by his Honor, the Mayor, on May 26, 1908, approving the award of lease made by the Board of Education to W. H. Mack, for the rental of the "Post Street School Lot," and containing a corrected description of the same, to wit:

BILL NO. 507. ORDINANCE NO. 442. (New Series.)

Approving award of Lease made by the Board of Education to W. H. Mack for rental of school lot located on the northerly side of Post street, between Grant avenue and Stockton street, and known as the "Post Street School Lot."

Whereas, The Board of Education, pursuant to the provisions of Subdivision 11 of Section 1, Chapter III of the Charter of the City and County of San

San Francisco, determined on the 12th day of December, 1907, to lease to the highest responsible bidder for the benefit of the Common School Fund, for a term not to exceed thirty-five years a school lot commonly known as the "Post Street School Lot," situate on the northerly side of Post street, between Grant avenue and Stockton street; and,

Whereas, In accordance with said determination, a publication of a notice of lease was duly made in The Evening Post, the official newspaper of the City and County of San Francisco, on the 2d day of January, 1908, and also in the San Francisco Bulletin, the same being a daily newspaper of general circulation published in the City and County of San Francisco, on the 2d day of January, 1908, and said publications were each continued for a period of sixty days; and

Whereas, Pursuant to said Notice of Lease, bids were filed with the Board of Education on March 26, 1908; and

Whereas, The highest and best bid was that made by W. H. Mack to lease for a term of thirty-five years said School Department lot for the total sum of \$382,800, the monthly rental to commence at \$250 per month and thereafter increasing until the twenty-sixth year, when a rental of \$1,125 per month will be paid from that time on until the expiration of the lease, the average rental for the term being \$911.42 per month; and,

Whereas, Said bid was accepted by the Board of Education by the affirmative votes of three of its members, at a meeting held on March 31, 1908, to wit: by the votes of School Directors Altmann, O'Connor and Boyle, as appears of record in the minute book of said Board of Education; now, therefore,

Be it ordained by the People of the City and County of San Francisco as follows:

Section 1. That the award of lease made on March 31, 1908, by the Board of Education to said W. H. Mack, to rent from the Board of Education for a term of thirty-five years the School Department lot hereinafter described for a total rental of \$382,800, the same to be paid in the amounts and at the times expressed in the bid filed therefor by said W. H. Mack with the Board of Education, March 26, 1908, be and the same is hereby approved and said Board of Education is hereby authorized and empowered to enter into said lease accordingly.

DESCRIPTION OF LOT.

Commencing at a point on the northerly line of Post street, distant thereon one hundred and eighteen feet and ten inches westerly from the westerly line of Grant avenue, thence westerly along said northerly line of Post street seventy feet, thence at right angles northerly one hundred and twenty-two feet and six inches to the southerly line of Stockton Place, thence at right angles easterly along said southerly line of Stockton Place sixty-eight feet nine inches, thence at right angles southerly fifty feet, thence at right angles easterly one foot and three inches, thence at right angles southerly seventy-two feet six inches to the northerly line of Post street and point of commencement. Being a portion of Fifty Vara Block 119.

Section 2. This Ordinance shall take effect immediately.

In Board of Supervisors, San Francisco, May 25, 1908.

After having been published five successive days, according to law, taken up and finally passed by the following vote:

Ayes—Supervisors Baneroff, Booth, Broderick, Center, Comte, Gianinni, Hoeks, Jennings, Johnston, McAllister, McLeran, Murdock, Murphy, Payot, Pollok, Rixford.

Absent—Supervisors Sachs Stafford.

JOHN E. BEHAN, Clerk.

Approved, San Francisco, May 26, 1908.

EDWARD R. TAYLOR,

Mayor and ex-officio President of the Board of Supervisors.

APPROVING ASSIGNMENT OF LEASE OF "POST STREET SCHOOL LOT."

The following is a copy of Resolution No. 2756 (New Series), approved October 15, 1908, approving the assignment by W. H. Mack to the Crown Realty Company of the lease of the "Post Street School Lot," heretofore made to said W. H. Mack, to wit:

RESOLUTION NO. 2756.

(New Series.)

Whereas, The Board of Education has given its consent in writing to the assignment by W. H. Mack to the Crown Realty Company of that certain lease made and entered into between the Board of Education and W. H. Mack wherein said Board of Education leased to said W. H. Mack, for a period of thirty-five years from March 31, 1908, a school lot located on Post street near Grant avenue; now, therefore,

Resolved, That the said consent of the Board of Education to said assignment be and the same is hereby approved by the Board of Supervisors.

And the Clerk is hereby directed to advertise this Resolution in The Evening Post Newspaper.

In Board of Supervisors, San Francisco, October 12, 1908.

Adopted by the following vote:

Ayes—Supervisors Bancroft, Booth, Broderick, Center, Comte, Connolly, D'Ancona, Giannini, Hocks, Jennings, Johnston, McAllister, McLeran, Murdock, Murphy, Payot, Pollox Rixford.

JOHN E. BEHAN, Clerk.

Approved, San Francisco, October 15, 1908.

EDWARD R. TAYLOR,

Mayor and ex-officio President of the Board of Supervisors.

ACCEPTING ASSIGNMENT OF LEASE OF POST STREET SCHOOL LOT.

The following is a copy of the resolution adopted October 28, 1908, by the Board of Directors of the Crown Realty Company and filed with the Board of Supervisors November 19, 1908, accepting the assignment of lease of the Post Street School lot, entered into between the Board of Education and W. H. Mack, to wit:

"Whereas, The Board of Education of the City and County of San Francisco with the approval of the Board of Supervisors of the same place, have granted W. H. Mack a thirty-five years' lease upon the Post Street School property, according to the terms of a lease entered into by and between the parties thereto, dated the first day of July, A. D. 1908, and whereas the said W. H. Mack has assigned the said lease, a copy of which lease is attached to and made a part of these minutes, to the Crown Realty Company, wherefore it is resolved that the said assignment be, and the same is hereby accepted."

Resolution introduced by Henry A. Jacobs. Unanimously carried.

I hereby certify that the above is a true and exact copy of the resolution passed the 28th day of October A. D. 1908, by the Board of Directors of the Crown Realty Company at their regular meeting.

L. S. SCHOENFELD,

Secretary and Treasurer.

(Seal)

Official Reception to United States Fleet

BOARD OF SUPERVISORS INITIATES PROCEEDINGS FOR A PUBLIC RECEPTION TO THE ATLANTIC FLEET.

Proceedings relating to a public reception to the Atlantic Fleet of the United States to be assembled in San Francisco Bay on May 6, 1908, were initiated at a meeting of the Board of Supervisors on December 2, 1907. The following are excerpts from the Journal of Proceedings of said Board of that date, to wit:

Supervisor Molera presented the report of the Committee on Beautification and Adornment of San Francisco and Public Receptions as a substitute to a Resolution referred at the last meeting to the aforesaid committee covering the same subject matter as follows:

To the Honorable Mayor and Board of Supervisors
of the City and County of San Francisco.

In compliance with your instructions given at the last meeting to your Committee on Beautification and Adornment of San Francisco and Public Receptions, it has the honor to report as follows:

That the President of this Board of Supervisors request the President of the United States that the fleet of the United States to be assembled at Magdalena Bay, on or about April of 1908, proceed from there to the Bay of San Francisco, and the President of the United States attend the public reception to be given by the citizens of San Francisco and the State of California to the officers and men of the fleet;

That upon a favorable reply by the President of the United States that the fleet shall visit San Francisco, the Mayor of the city invite the Governor of the State of California and his staff to participate in the public reception to be given to the officers and men of the United States fleet;

That a similar invitation be given to the authorities of all the counties of the State and to request them to send delegations to participate in the ceremonies;

That the President of this Board of Supervisors appoint a committee of twenty-five, comprising a representative of the Supreme Court of California, a representative of the Superior Court of this County, a representative of the principal financial, industrial, commercial and labor organizations, and some of the prominent citizens, which, together with a committee of the Board of Supervisors, take charge of the details of the public reception;

That the duration of the festivities be two days and, in a general way, to consist of:

A reception at the Ferry Building to the officers of the fleet by the Mayor and citizens of San Francisco and citizens of the State of California, at which reception the officers of the fleet be given the freedom of the city; after the reception that a procession take place from the ferries along Market street to Van Ness avenue; thence turning to the east side of Van Ness avenue to Clay street, thence countermarching on the west side of Van Ness avenue to Market street, where the procession will be disbanded;

That in the evening of the first day theater parties in charge of members of the joint committee be organized for the officers of the fleet;

That the second day be devoted to sight-seeing in the city and, for this purpose, parties under the care of members of the joint committee be organized; that the United Railroads of San Francisco be requested to put at the disposal of the Committee as many cars as possible under the management of competent conductors and motormen;

That in the evening of the second day the citizens of San Francisco tender a banquet to the commanders of the different vessels of the fleet;

That the hotel expenses of the officers of the fleet during the two days of festivities be paid by the city;

That the citizens of San Francisco be requested to display the national flag during the festivities; that the part of the city where the procession is to take place be decorated by the city and by the property owners and tenants of the buildings; that during the two nights of the festivities the same part of the city be illuminated.

E. J. MOLERA, Chairman,
W. G. STAFFORD,
LORING P. RIXFORD.

MOTION.

On motion of Supervisor Payot the aforesaid report was adopted and the Mayor was authorized to transmit a copy thereof to the President of the United States, by the following vote:

Ayes—Supervisors Booth, Brandenstein, Brenner, Comte, D'Ancona, Faymonville, Magee, Molera, Murdock, Murphy, O'Neill, Payot, Rixford, Sachs, Stafford, Sullivan—16.

MAYOR APPOINTS COMMITTEE.

The following is a copy of a communication filed with the Board of Supervisors on December 21 1907, by his Honor, the Mayor, appointing a Committee to arrange all details for the reception to the fleet, to wit:

San Francisco, December 21, 1907.

To the Board of Supervisors
of the City and County of San Francisco.

I beg to report that pursuant to your Resolution regarding the reception and entertainment of the officers and men of the fleet of the United States now on its way to this city, I have appointed a Committee of Twenty-five, whose names are as follows:

Chief Justice W. H. Beatty,
C. H. Bentley,
Judge James V. Coffey,
Justice James A. Cooper,
R. B. Hale,
Frederic W. Hall,
Alexander D. Hawes,
Rufus P. Jennings,
Sheldon G. Kellogg,
P. N. Lilienthal,
E. J. Molera,
Justice W. W. Morrow,
Jeremiah D. Mahoney,

Walter McArthur,
George A. Newhall,
James D. Phelan,
P. C. Rossi,
W. C. Ralston,
John W. Sweeney,
Frank J. Symmes,
Frederick Tillman, Jr.,
Joseph S. Tobin,
Frank I. Turner,
Raphael Weil,
A. A. Watkins.

OFFICIAL RECEPTION TO UNITED STATES FLEET 1269

I beg also to call your attention to the fact that your Resolution provides for the appointment of a Committee of this Board which, together with the Committee appointed by the Mayor, is to take charge of the details of the reception and entertainment of the officers and men of the fleet. In this behalf I respectfully recommend that the number of the Committee be five, so that the number of the joint committee shall be thirty.

EDWARD ROBESON TAYLOR,
Mayor.

SUPERVISORS ADDED TO COMMITTEE.

The Committee of Supervisors added to the Fleet Reception Committee of twenty-five appointed by his Honor, the Mayor, included Henry Payot, L. P. Rixford, W. G. Stafford, Allan Pollok and A. H. Giannini. Mr. I. I. Brown was subsequently appointed on the Reception Committee by the Mayor.

FLEET COMMITTEE ORGANIZES.

The official Committee for the Reception to the Fleet established headquarters in the California Building, Union Square, San Francisco, immediately following its appointment, and effected organization by the election of the following officers and sub-committees, to wit:

James D. Phelan, Chairman.
C. H. Bentley, Vice-Chairman.
Chauncey M. St. John, Secretary.
William C. Ralston, Treasurer.
Harry Welch, Assistant Secretary.

Executive Committee.—Edward Robeson Taylor, Mayor of San Francisco, ex-officio, James D. Phelan (Chairman), C. H. Bentley (Vice-Chairman), Chauncey M. St. John (Secretary), I. I. Brown, R. B. Hale, Frederic W. Hall, Rufus P. Jennings, Walter MacArthur, A. A. Watkins, Raphael Weill, William C. Ralston, Frank J. Symmes, Allan Pollok.

Committee on Finance.—A. A. Watkins (Chairman), P. N. Lillienthal, George A. Newhall, Joseph S. Tobin, W. C. Ralston.

Committee on Decoration.—Raphael Weill (Chairman), Henry Payot, Loring P. Rixford, Chauncey M. St. John, Frank I. Turner, P. C. Rossi.

Committee on Entertainment.—Frederic W. Hall (Chairman), W. J. Barrett, C. H. Bentley, Sheldon G. Kellogg, Walter MacArthur, George A. Newhall.

Committee on Reception and Parade.—Frank J. Symmes (Chairman), Chief Justice W. H. Beatty, Robert H. Fletcher, Alexander G. Hawes, John A. Koster, Justice W. W. Morrow, Justice James A. Cooper.

Committee on Sight-Seeing.—R. B. Hale (Chairman), Dr. A. H. Giannini, John W. Sweeney, Jeremiah D. Mahoney, L. P. Lowe, Frederick Tillman, Jr.

Committee on Entertainment of the Enlisted Men of the Fleet.—Walter MacArthur (Chairman), Allan Pollok, Raphael Weill, Robert A. Roos, John W. Sweeney.

Committee on Press and Publicity.—Allan Pollok (Chairman), Walter MacArthur, Judge James V. Coffey.

1270 OFFICIAL RECEPTION TO UNITED STATES FLEET

WORK OF FLEET RECEPTION COMMITTEE.

The work of the Fleet Reception Committee is outlined in the following report of the Executive Committee submitted August 5, 1908, to wit:

One of the duties that fell to the Mayor, Edward Robeson Taylor, during the year was the reception of the Atlantic Fleet, which was ordered to proceed to Pacific waters, and after having been reviewed by President Roosevelt, left Hampton Roads for the long voyage on December 16, 1907.

That the work of entertaining the Navy should be carried out with completeness befitting the occasion the Mayor appointed an Official Committee of thirty citizens, which met promptly and elected officers and created sub-committees. The duties of each sub-committee were outlined, headquarters chosen at the California Building, Union Square, and early in January plans for entertainment were begun.

In addition to the regular members of the Official Committee, Rear Admiral Henry Glass, U. S. N., and Captain C. P. Perkins, U. S. N., were appointed honorary members of the Executive Committee.

The Executive Committee consisting of the officers and the chairman of each of the sub-committees met weekly at headquarters. An invitation to attend the festivities was issued generally throughout the country by means of the press and in addition several thousand "Official Invitations" were mailed to Government and State officials as well as to other prominent individuals throughout the United States.

As a further means of calling attention to the celebration the Committee on Press and Publicity was authorized to issue a poster expressive of California's welcome. The distribution of this poster proved a very effective as well as pleasing way of telling of the festivities to be held.

As soon as a general outline of the proposed program was prepared the Chairman of the Reception Committee, Mr. F. J. Symmes, proceeded to Magdalena Bay, where the Atlantic Fleet arrived on the 11th of March, and there presented the plan of entertainment to Admiral Evans, who gave it his ready approval.

The details of all functions were left in the hands of the various sub-committee, to whom were appropriated fixed sums, while a general supervision of the plans was exercised by the Executive Committee. A system of check and audit was established.

On the first of May, Dewey Day, at the Mayor's request, flags and other decorative features were displayed throughout the city, which gave the city a holiday appearance and which was maintained till some time after the departure of the fleet from San Francisco Bay. Especial interest in the visit of the combined Atlantic and Pacific Fleets to San Francisco Bay was taken by the people of the entire country, many prominent persons taking advantage of the importance of the occasion to view San Francisco's work of reconstruction and the attractions of the State. The voyage of the fleet along the coast of California was noted with intense interest and celebrations held at all of the ports visited. The fleet arrived in San Francisco Bay on Wednesday, May 6th, at noon. The assembled multitudes were treated to a spectacle that compelled enthusiasm, and marked a date that will live long in the history of the city.

The people who were appealed to for subscriptions responded liberally; but the greatest beneficiaries, including the Southern Pacific and Santa Fe Railroad Companies, refused to subscribe. In future the public service corporations should indicate the amount of their subscriptions before the citizens be asked to finance an enterprise from which the railroads derive direct profits. They should share the burden with the community.

The following is a report of the business done by the Southern Pacific Company:

"Sixty-one thousand seven hundred and sixty-three passengers were carried into the city from local points, the same number returning. Estimated increase in single trip sales during the same period and from the same stations is 15,000 each way, showing a movement of 75,000 persons in each direction.

"Local suburban business was large. Transbay traffic of the Southern Pacific Company during May 5th to May 17th, inclusive, exceeded the normal business by 450,000 passengers. The heaviest day's business was on May 6th, when 186,000 passengers were taken across the Bay, showing that the day of the arrival of the fleet drew together the largest crowd of Californians ever assembled.

"Travel from exterior points was extraordinary. Sacramento sold 5,834 tickets and this, added to the business done on the river boats, shows that more than 8,000 persons came here from the capital. San Jose sold 11,668 round trip tickets. Palo Alto sold 3,172 tickets. Vallejo 3,000 by rail and as many by water. Stockton sold 5,000, Fresno 2,000, Chico 500, Benicia 600. Niles 600, Crockett 500, Livermore 600, Los Gatos 700, Santa Clara 1,100, Modesto 500 and other nearby towns in proportion. Attendance from Salt Lake City exceeded 1,100, Reno 1,200 and Portland 400."

SUBSCRIPTIONS.

Subscriptions to the Fleet Reception Fund were received as follows:

Ach, Henry	\$ 25.00	American Theater	150.00
Acme Planing Mill.....	5.00	American Trading Co.	10.00
Acton, R.	2.50	American Type Foundries Co.	100.00
Adler, B.	1.00	Ames, Harris & Neville.....	50.00
Aetna Insurance Co.....	100.00	Anderson Bros.	15.00
Affolter Bros.	20.00	Anderson, A. W. & Son.....	1.00
Aftergut, Sam	10.00	Anderson & Top.....	10.00
Ahrens, N.	20.00	Andrews, Col. A.	50.00
Ahrens, Bullwinkle Co.....	15.00	Anglo-American Crockery and	
Aigeltinger Co.	5.00	Glassware Co.	50.00
Alaska Packers Association...	100.00	Anglo-California Bank	100.00
Alexander & Baldwin, Ltd.....	25.00	Anglum, D. E.	25.00
Alexander-Yost Co.	10.00	Anheuser-Bush Brewing Co....	200.00
Alferitz & Co., Geo. C.....	25.00	Anspacher, P.	1.00
Allec, J. & Co., Inc.	25.00	Arcade House	5.00
Allen, D. C.	1.00	Argonaut, The	50.00
Allen, E. T. Co.....	10.00	Arner, A. M. & Co.....	10.00
Allen, L. W., Dr.....	5.00	Armsby, J. K. Co.	50.00
Allen, W. B. Co.....	50.00	Armour & Co.	100.00
Allison, D. E. Co.....	10.00	Armstrong, Quatman Co.	2.50
Altman, Inc.	20.00	Arnold Hardware Co.....	5.00
American Brewing Co.....	25.00	Arnstein, Simon & Co.....	75.00
American Bridge Co. of N. Y..	1,000.00	Arrigani, Hugo	1.00
American Can. Co.....	100.00	Asbestos Mfg. & Supply Co....	10.00
American Dredging Co.....	5.00	Atchison, B. M. & Co.....	5.00
American Land & Trust Co....	10.00	Atkins, R. S.	10.00
American Laundry Co.....	25.00	Atlantic Gulf & Pacific Co....	50.00
American Marine Paint Co....	5.00	Atlas Assurance Co.....	50.00
American Milling Co.....	25.00	Atlantic Fur Co.....	2.50
American National Bank.....	100.00	Auger, C. J.	5.00
American Sheet & Tin Plate		Austin, Stephen H.	5.00
Co.	800.00	Auto Livery Co.	10.00
American Steel & Wire Co.....	2,000.00	Auto Vehicle Co.	25.00

1272 OFFICIAL RECEPTION TO UNITED STATES FLEET

Avinsin	2.00	Baum, Dr. R. W.....	20.00
Avon, The	5.00	Bausch, Lomb Optical Co.....	15.00
Ayers Drug Store	10.00	Bean, Dr. Geo. L.	5.00
		Beatty, W. H.	25.00
Baccus, R. T.	2.00	Beckhart, Phil B.	25.00
Bachman, S. & Co.....	20.00	Bee-Hive Millinery, The.....	10.00
Bachrach & Co.....	10.00	Behn, J. & Co.	10.00
Bacigalupi, Prosper	5.00	Bell, John	1.00
Bacigalupi, P.	5.00	Belshaw, C. A.	20.00
Bacigalupi, P.	5.00	Bemmerer, A.	5.00
Baer Drug Co.....	15.00	Bennett Bros.	2.50
Bagnall-Boughten	5.00	Bent & Meyerderks.....	5.00
Bahrs, Geo. H.	10.00	Berendsen, J.	2.50
Baida, M.	5.00	Berhendt, R.	5.00
Baker & Hamilton.....	50.00	Berlie, Frank	10.00
Baldwin Piano Co.....	10.00	Berningham, J.	5.00
Balfour, Guthrie & Co.....	100.00	Bernhard, D.	1.50
Baldwin, Edw. L.	15.00	Bernhard Mattress Co.....	20.00
Baldwin Jewelry Co.	25.00	Bernstein, H.	5.00
Ballard, J. S.	10.00	Bernstein, S. L.	10.00
Balocedi Bros.	1.00	Berry Bros.	20.00
Bancroft, Philip	10.00	Bertin & Lepori	5.00
Baneroft Whitney Co.....	25.00	Berwin, Chas.	5.00
Banks, H. C.	5.00	Berton, G. H.	5.00
Bank of California	100.00	Best, Wm., Jr.	5.00
Bank of British No. America.	50.00	Betts Spring Co.	25.00
Bank of Arcata	25.00	Bianchi Poultry Co.	5.00
Bank of Dinuba	10.00	Bibbero, D. & Co.	10.00
Bank of Eureka	25.00	Bickford, C. E.	20.00
Bank of Haywards	10.00	Biller, J.	10.00
Bank of Healdsburg	10.00	Billington, J. R.....	5.00
Bank of Italy	50.00	Bismark Cafe	10.00
Bank of Pleasanton	25.00	Bissinger & Co.	25.00
Bank of San Francisco.....	25.00	Bixbee, Clark Co.	25.00
Bank of Willows	20.00	Bixby, Dr. E. M.	5.00
Barker & Daniels.....	25.00	Black, A. P.	10.00
Bannan, Wm. & Co.....	10.00	Blackman, G. S.....	5.00
Barkan, Dr. A.	10.00	Blaisch, A.	5.00
Barnard & Bunker	25.00	Blaisdell, N.	5.00
Barneson, Hibberd Co.	25.00	Blake, Moffit & Towne.....	50.00
Baron, Ladies' Tailor.....	10.00	Blanco's Cafe	50.00
Barthe, Herman	2.50	Blank, G. A.	1.50
Bartlett, Louis	5.00	Blanquie, Ed.	10.00
Bartlett Springs	25.00	Blaskower, M.	50.00
Baruch & Co.....	50.00	Block, J. N.	5.00
Bashford, Harold	5.00	Bloom Bros.	10.00
Bass-Heuter Paint Co.....	25.00	Bloom S. Sons Co.	5.00
Batchelder, H. L.	5.00	Blum, S.	1.00
Bateman, Wm.	10.00	Blythe, C.	5.00
Bates & Chesebrough.....	5.00	Bocarde Drayage Co.	25.00
Batmale & Locaste.....	5.00	Boese, F. D.	5.00
Bauer Bros. & Co.	50.00	Bliss & Faville	20.00
Bauer, Jos.	25.00	Bohemian Cafe	10.00
Bay City L. & S. Co.....	5.00	Bolander & Hollawell.....	25.00
Bayle, Laeoste & Co.....	4.00	Boltz Clymer Co.	5.00
Bauer, Mrs. J.	1.00	Bollman, Jno. Co.	75.00
Baum, Benj. J.	5.00	Bonaly, V. G.	5.00

OFFICIAL RECEPTION TO UNITED STATES FLEET 1273

Bondeli, L. L.	10.00	Builders' Exchange	1,225.00
Bonstell Richardson & Co.....	20.00	Bullard, E. D.	10.00
Bonnali & Co.	10.00	Bullion, A. H.	5.00
Bonnickson, Miss H.	1.00	Bullock & Jones	10.00
Booth, F. E.	5.00	Bulls Head Oil Works.....	5.00
Bopp, Louis	1.00	Buneman Mercantile Co.....	2.00
Boquet & Cohn Cigar Co.....	25.00	Bunker, C. D. & Co.	10.00
Borek, L. J.	5.00	Burd, Wm. & Son.....	5.00
Borel & Co., A.	50.00	Burham Plumbing Co.	5.00
Borgefeldt-Propfe Co.	25.00	Burlingame Milk Co.....	20.00
Borgeson & Co.	2.00	Burque, J. G., M. D.....	5.00
Borlini, A.	2.00	Busat, G.	1.00
Borrmann & Kahn.....	5.00	Busch, J. H.....	5.00
Bowers, J. F. & Son.....	10.00	Bush & Lind	2.50
Bowers & Andrews	10.00	Bushnell Manufacturing Co....	2.50
Bowring & Co.	10.00	Butch's Grill	2.00
Boyle Luey Co.	2.50	Butler, Schutze Co.	20.00
Bozich, J. S. & Co.....	15.00	Butbach, C. A.	1.00
Brace-Aufenger	50.00	Butte Eng. & Elec. Co.....	10.00
Brace, A. A.	2.50		
Bradley, H. W.	10.00	Cabrol & Cervieres	2.00
Brady, Dr. G. T.	5.00	Cafe Francisco	100.00
Brandenstein, M. J. & Co.....	150.00	Caire, Justinian Co.....	40.00
Braun, F. W.	25.00	Caley, J.	10.00
Braun & Prior	5.00	California Art Glass Works....	5.00
Bradley, F. W.	20.00	California Baking Co.	250.00
Bremer, O. A.	5.00	California Barrell Co.	50.00
Brett & Co.	25.00	California Bellows Works	2.50
Brewers' Protective Assn. S.F.	3,500.00	California Bottling Works	20.00
Briggs, A. E.	5.00	California Card Mfg. Co.....	25.00
Briggs, E. W.	5.00	California Casket Co.	10.00
Brilliant Hotel	25.00	California Chapter Daughters of American Revolution.....	25.00
Brittian & Co., Inc.	25.00	California Door Co.	80.00
Brittan, Miss M.	10.00	California Electrical Works.....	25.00
Britton & Rey Co.	50.00	California Fertilizer Co.	4.00
Brown & Adams	5.00	California Fireworks Co.	100.00
Brown Bros. & Co., Inc.....	50.00	California Floral Co.	5.00
Brown, Chas. Co.	25.00	California Fruit Cannerns Assn.	100.00
Brown, Edw. & Sons.....	100.00	California Glue Works	50.00
Brown, J. F.	5.00	California Home Bldg. Loan Co.	5.00
Brown, Ralph Co.	2.50	California Hotel	5.00
Brown, C. M.	20.00	California Ink Co.	7.50
Brown, Wilson & Co.....	10.00	California Insurance Co.	100.00
Bruno, Enderlein Co. and em- ployees	62.00	California Jewelry Co.	20.00
Brunswicke Balke Collender Co.	50.00	California Medical Institute....	10.00
Buckingham & Hecht.....	50.00	California Plate and Window Glass Co.	15.00
Buell, G. A. Co.....	50.00	California Poultry Co.	10.00
Bunster Saxe Co.	50.00	California Savings and Loan Society	25.00
Butler, Jno. & Son.....	25.00	California Shipping Co.	10.00
Byrne, Mrs. W. J.	25.00	California Sugar and White Pine Agency	10.00
Bruenne, Dr. A. E.....	5.00	California Supply Co.	2.00
Bryant, Electrical Co.	20.00	California Title Insurance and Trust Co.	30.00
Bryant, G. F.	2.00		
Buader, Aug.	5.00		
Buckland, Dr. O.	2.00		
Buckley, Vincent	10.00		

1274 OFFICIAL RECEPTION TO UNITED STATES FLEET

Callaghan, C. W.	10.00	Chevalier, F. & Co.	50.00
Cailleau, Armand, Inc.	25.00	Chinese Six Companies.	500.00
Campbell, James	5.00	Christ, John	2.50
Campbell, Metson, Drew, Oat- man & Mackenzie	100.00	Christensen & Goodwin	100.00
Campi's Restaurant	10.00	Christensen, M. A.	5.00
Canadian Bank of Commerce..	50.00	Christefferson & Tway	25.00
Cantin, A. A.	10.00	City and County Bank.	25.00
Canton Insurance Co.	25.00	City Electrical Co.	100.00
Capelle, Robt.	20.00	City of Hamburg Co.	5.00
Capitol French Laundry	1.00	City Printing Co.	5.00
Carauza, G. & Co.	2.00	City of Paris	250.00
Cardinelle Vincent Co.	5.00	City Street Improvement Co.	100.00
Cafe Cardinal	15.00	Clark, N. & Sons.	75.00
Cafe Odeon, Inc.	25.00	Clark, R. A.	10.00
Carew, Paul A.	1.00	Clark, Wise & Co.	20.00
Carl Cooperage Co.	5.00	Clark, C. W.	5.00
Carl Foundry Co.	2.50	Clayburg, L. J. & Co.	50.00
Carlson Currier Co.	100.00	Clayes, Dr. W. I.	5.00
Carnegie Steel Co.	800.00	Cleary, Frank C.	10.00
Caro, A. W.	5.00	Clemens, C. J.	10.00
Carolan, Francis	50.00	Clement Market	2.50
Carpenter, F. B.	10.00	Cleveland Faucet Co.	10.00
Carrau & Green	20.00	Clinton, Dr. C. A.	25.00
Carroll, Paul T.	5.00	Cluett, Peabody & Co.	25.00
Carson, Blanch S.	10.00	Cluff, Wm. Co.	100.00
Cartensen & Sons.	2.00	Coast Realty Co.	100.00
Cartwright Draying Co.	2.50	Coblentz, F. & Co.	5.00
Casanova, Wm.	5.00	Coburn, Ira W.	10.00
Cash	1.00	Cochran & Brady	5.00
Cash	1.00	Code, Portwood Co.	25.00
Cash	10.00	Coffin, Alonzo	2.50
Cash	5.00	Cohen, P.	5.00
Cash	10.00	Cohen, Wm.	20.00
Cash	50.00	Coin Bar, The	25.00
Cassaratta, John	25.00	Colby, Geo. W.	1.00
Casserly's	25.00	Collins, Thos. W. & Co.	25.00
Cassenilli, A. & Co.	10.00	Coleman Co.	20.00
Castagnetto & Matteucci.	2.50	Coleman, Jas. V.	200.00
Castle Bros.	25.00	Collins, Chas. J.	5.00
Castle Bros.-Wolf & Sons.	50.00	Columbia Coffee and Spice Co.	5.00
Caswell, Geo. W.	25.00	Colusa County Bank.	20.00
Catton, Bell & Co.	100.00	Commercial Art Co.	10.00
Cator, Thos. V.	5.00	Commercial Drayage Co.	5.00
Cavalli, G. F.	5.00	Commercial Union Assurance Co.	100.00
Cavanaugh, Jos. T.	2.00	Committee Rec. Spanish-Amer- ican War Volunteers	1,500.00
Central California Canneries.	50.00	Compressed Air Machinery Co., The	25.00
Central Trust Co.	50.00	Connecticut Fire Insurance Co.	100.00
Cerf, B. & Co.	5.00	Connelly & Flaherty	25.00
Cerro, Hower Co.	5.00	Condon, W. E.	2.00
Cerruti Mercantile Co.	10.00	Conrad, Jno. G.	25.00
Chantilly Hotel	50.00	Conrad, Chas. P.	5.00
Chapman, Wilfred B.	25.00	Conradi & Goldberg	5.00
Chanslor & Lyon	10.00	Conroy & Grimm	50.00
Chaprales, Rev. C.	5.00	Cons. Electric Co.	5.00
Chase, F. H. & Co.	10.00		
Chassagne, L & Co.	5.00		

Consumers' Ice Co.	50.00	Davis, H. W.	5.00
Convent of the Holy Names...	5.00	Davis, Reeves	2.50
Cook Belting Co., H. N.....	50.00	Davis, J. B. F. & Son.....	50.00
Cook, A. J.	5.00	Davis, Schonwasser & Co.....	20.00
Cooper, F. J.	1.00	Davis, W. & Son.....	25.00
Cooper, J. A.	25.00	Dawson, F. J. R.	10.00
Copayiantos & Dessalernos....	2.50	Day, Clinton	5.00
Cope, W. B.....	20.00	Day, Thos. Co.	25.00
Copp, Henry W.	5.00	Dean Reversible Window Co..	10.00
Cora, H.	5.00	Deasy, Jerm.	5.00
Cordes Furniture Co.	25.00	Del Barba, Louis .....	.50
Cordona, J. B.	20.00	De Bernardi, D.	10.00
Cosgrave Suit and Cloak Co..	10.00	Dechent, Henry	10.00
Costello, Mrs. A. J.	2.00	Decker, Dr. G. W.	1.00
Costley, G. W.	2.50	Decker Electrical Co.	20.00
Couden, J.	2.50	Deckleman Bros.	10.00
Courtney, D. C.	5.00	Dedomonici, D.	5.00
Coyne Trade School.....	5.00	De Fremery, Jas. & Co.	25.00
Cowen-Heineberg Co.	5.00	Degen Belting Co.	25.00
Craig, C. W. & Co.....	20.00	De Lano Bros.	5.00
Craig Desk Co.	5.00	De Laval Dairy Co.	25.00
Cramer Bros.	1.00	Demaz, D. Co.	2.00
Crane & Co.	50.00	De Mersanne, E.	2.00
Crescent Feather Co.	25.00	Del Monte Cafe	2.50
Cribben, Sexton Co.	5.00	Del Monte Grocery Co.....	5.00
Crocker, A. & Co.	5.00	Delsal Bros. Co.	5.00
Croley, Geo. H.	2.50	Dempster, L. R.	5.00
Cronin, Dennis	2.50	Dennison Manufacturing Co...	10.00
Crosby, F. H.	5.00	Denniston Hotel	2.00
Crowley, J. B.	25.00	Derby & Burmeister	5.00
Crowley Launch and Tug Co..	25.00	Detels, Wm.	2.00
Crown Columbia Pulp and Paper Co.	25.00	Detjen & Meyer	25.00
Crown Distilleries Co.	100.00	Detmer Woolen Co.	25.00
Cudahy Packing Co.	100.00	Deutsch, Sol.	5.00
Cunningham, Curtis & Weleh..	30.00	Deward Amburst Co.	2.50
Curllett, Wm. & Sons.....	20.00	Dewey Publishing Co.	10.00
Curtaz, B. & Sons.....	10.00	de Wolfe, H. C.	10.00
Curtin Detective Service Co....	2.50	De Zaldo, Ada	2.50
Curtis, E.	5.00	Dibble, Frank G.	10.00
Cushing, Grant & Cushing....	10.00	Diebert & White	5.00
Cushman, Mrs. M. B.	5.00	Dieckemann & Co.	5.00
Custom House Restaurant....	2.50	Dillon, Tom	10.00
Cutting Packing Co.	35.00	Dinkelspiel, J. S.	10.00
Cyclops Iron Works	25.00	Dinkelspiel, L., Co.	100.00
Dabovich & Barbich.....	10.00	Dinkelspiel & Scellissinger....	5.00
Dahlman, J. H.	5.00	Di Nola, Leon	5.00
Daily Racing News.....	10.00	Dixon Fish Co.	10.00
Dairy Delivery Co.	50.00	Dodge, E. J. Lumber Co.....	25.00
Dake Advertising Agency.....	2.50	Dodge, Sweeney & Co.....	25.00
Dalziel-Moller Co.	25.00	Doe, Chas. F. & Co.....	25.00
Daly, R. S.	1.00	Dohen an, Wm.	2.00
Danforth Warehouse	50.00	Dolliver & Bros.	25.00
Davis, Bertha	2.00	Donnelly, Jas.	2.00
Davis Bros.	2.50	Donohoe, Kelly Bank Co.....	50.00
Davis, Tom	5.00	Dore Studio	5.00
		Dorey & Cunningham.....	10.00
		Dorsey & Ipwitch.....	2.50

1276 OFFICIAL RECEPTION TO UNITED STATES FLEET

Dorrance & Battin Co.....	5.00	Fairmont Hotel	500.00
Douglas, Jno. Co.	10.00	Fannin & Ehmendorf Co.....	25.00
Dow, P. E. & Geo. E. Co.....	25.00	Farmers and Mechanics Bank.	10.00
Downing, O. P.	10.00	Farmer's Transportation Co..	5.00
Doyle, Mrs. A. E.	1.00	Farnsworth, M.	5.00
Doyle, J. J.	20.00	Farrant & Co.	1.00
Draz, Francis & Co.	50.00	Feige & Hansen	15.00
Drexler, Mrs. Elsie A.	25.00	Fenborg, P.	2.50
Droscher, Frank	5.00	Fennell Bros.	20.00
Duboce Apartments	20.00	Fenyn, John D.	5.00
Dunbar, H. F.	10.00	Ferguson, John	5.00
Dunham, Carrigan & Hayden.	100.00	Ferguson, T. N. Co.	25.00
Dunham, F. J.	5.00	Ferrari & Peters	2.50
Dunlevy & Gettle	5.00	Ferrari & Plegat, Mme.....	20.00
Dugan, Herbert	5.00	Ferry Drug Store	10.00
Dunne, Hon. Frank H.	25.00	Ferry Jewelry Co.	10.00
Dunne, Thos. E. & Co.....	5.00	Ferry, Montague	2.00
Du Pont de Nemours Powder		Fest, Mr.	2.00
Co.	300.00	Fetter, F.	2.50
Dutton, L. B.	50.00	Fetz, Jos.	10.00
Eagle Laundry Co.	25.00	Fidelity and Casualty Co.....	25.00
Eagleson & Co.	25.00	Fidelity and Deposit Co.....	2.50
Eastman Kodak Co.	10.00	Feige & Hansen	10.00
Eberhard, Geo. F. Co.	5.00	Field & Frammer	2.50
Eccles, Smith & Co.....	50.00	Figel, Jos.	2.50
Edlin & Baumister	10.00	Fillmore Street Imp. Assn.....	1,000.00
Edlin, J.	10.00	Filmer Electrotype Co.	10.00
Edwards, D.	5.00	Finn Metal Works	10.00
Eells, A. G.	5.00	Pinney, C.	1.00
Ehrman Bros. & Co.	25.00	Pior de Italia Restaurant.....	5.00
Ehrman, Jos.	5.00	Firemans Fund Insurance Co..	100.00
Ehrenpfort, A. T.	5.00	First National Bank.....	100.00
Eilers Music Co.	25.00	First Nat. Bank San Mateo Co.	20.00
Eisenberg, A. & Co.	10.00	Fish, C. W.	2.00
Electric Appliance Co.	10.00	Fisher & Co., Inc.	5.00
Electric Storage Battery Co...	5.00	Fisher & Wolfe	5.00
Elissen & Heyneman	50.00	Fisk, Arthur G.	10.00
Elmwood, The	25.00	Fladmark, O. J.	5.00
Emanuel, H. & E.	5.00	Fleischman Co., The	20.00
Emmons, G. W.	25.00	Fleishman Bros.	2.00
Empire Planing Mill	2.50	Fleishman & Cleve	7.50
Empire Plaster Co.	5.00	Flood, J. L.	100.00
Employees of Holbrook, Mer-		Flood, P. P.	25.00
rill & Stetson	38.25	Floriston Pulp and Paper Co.	25.00
Emporium, The	250.00	Floyd, J. D.	25.00
English, Wallace Co., The.....	5.00	Fly Trap Restaurant	10.00
Enos, J. J.	1.00	Folger, J. A. & Co.	100.00
Enterprise Foundry Co.	20.00	Follies Museum	5.00
Epples, Jacob	5.00	Montana & Co.	2.50
Eschen, J. C.	20.00	Ford & Barstow	10.00
Estabrook, A. F.	5.00	Ford, C. W. R. Co.	50.00
Eustacho, John	5.00	Foge, Mohr & Schult Co.....	10.00
Eveleth, Nash Co.	10.00	Forbes, H. A.	5.00
Fahden, Herman	1.00	Forester, Jas.	2.50
Fairbank, N. K. & Co.	10.00	Foster, A. W.	100.00
		Foster & Orear	25.00
		Font, Simon Brick Co.	5.00

Fowler Metal Co.	2.50	Gilbert, F. ....	.50
Frank, A. L.	10.00	Gilbert, F. L.	5.00
Frank, H. W.	10.00	Gilley-Schmid Co.	10.00
Frankel, Gerdtz & Co.	20.00	Gillon, E. E.	2.50
Frahm, H. F. & Co.	5.00	Gimpel, M. C.	10.00
Frederich & Fichter	20.00	Giovannetti, S.	2.00
Fredericks, H.	10.00	Girvin & Eyre	50.00
Fredericks, J. & Co.	50.00	Giselman, Wm., Trustee.....	25.00
Freed, Toller & Freed.....	10.00	Gladding, McBean & Co.....	50.00
Freed, B. W.	5.00	Glaser, L.	1.00
Froidman & Co.	50.00	Glass, H.	3.00
Froidman, Meyer	25.00	Glenwood Apartments	5.00
French American Bank	100.00	Gless, A.	5.00
French American Wine Co.....	5.00	Globe Construction Co.	5.00
French Laundry Co.	5.00	Globe Grain and Mill Co.....	75.00
French Library	10.00	Godchaux, Miss R. & M.....	10.00
Fricot, D.	10.00	Goldberg, Geo.	5.00
Friedman & Cohnriech	2.50	Goldberg, Bowen & Co.	100.00
Frigole, A & Co.	5.00	Golden, Frank J.	5.00
Frisbie, Dr. E. G.	5.00	Golden Eagle Distillery.....	5.00
Frohnman & Priestly	10.00	Golden Eagle Hotel	25.00
Fuelscher, H.	5.00	Golden Pheasant, The.....	5.00
Fugazi, J. F.	10.00	Golder Bros.	5.00
Fuller, Geo. A. Co.	50.00	Golding, A.	5.00
Fuller, W. P. & Co.	50.00	Goldman, B. F.	5.00
Fung Ching	5.00	Goldstein, Leon	5.00
		Goldstone Bros.	10.00
		Goldstone, M. A.	5.00
G. & J. Tire Co.	10.00	Golden Gate Cloak and Suit House	25.00
Gabriel, Meyerfeld Co.	2.50	Golden Gate Yeast Co.	50.00
Gage, Mills Co.	5.00	Golden State Asparagus Co....	20.00
Gale, M. F. & Son.....	10.00	Gomez, Louis	5.00
Gallagher Bros.	2.50	Goodall, Perkins & Co.....	15.00
Gallagher Bros.	2.50	Goodman, A.	5.00
Galland Mercantile Laundry...	25.00	Goodman, J.	1.00
Galli Fruit Co., A.	10.00	Goodmans Shoe Co.	2.50
Gallwey, Jno.	20.00	Gorham Rubber Co.	25.00
Galleazzi, G.	10.00	Goodyear Rubber Co.	75.00
Gantner, Mattern Co.	25.00	Gorman, Patrick	10.00
Garcia & Maggini	25.00	Goss, Jno.	2.50
Garden City Electric Co.....	5.00	Gould, Sullivan Co.	5.00
Gardiner Bros.	2.50	Grace, W. R. & Co.....	100.00
Gardiner Mill Co.	100.00	Gracolbi, L. A.	5.00
General Electric Co.	100.00	Graf, J. L. & Co.	5.00
General Liquor Store.....	5.00	Grand Central Hotel	25.00
Gere, B.	2.00	Grand Hotel	40.00
Gerken, H.	2.50	Grauerholz, H. J.	25.00
German Savings and Loan Society	250.00	Grave, B. Co.	5.00
Gerdau & Johnson	25.00	Graves, W. E.	5.00
Gerson & Breyer	1.50	Gray, Geo. D. & Co.	25.00
Getz, M. & Co.	10.00	Gray, N. & Co.	10.00
Getz Bros. & Co.	50.00	Grayson, Geo. W.	25.00
Gezelin, E.	4.00	Greater San Francisco Cloak Co., The	25.00
Ghirardelli, D. & Co.	200.00	Green, F. P.	5.00
Gibbon, M. C., M. D.	5.00	Greenbaum, J. S.	2.00
Gibbs, Mrs. G. W.	10.00		
Gift, F. L.	2.50		

1278 OFFICIAL RECEPTION TO UNITED STATES FLEET

Greenbaum, Weil & Michaels..	50.00	Hart, B. & Bros.	50.00
Greenberg, P. & Co.....	5.00	Hartford and Citizen's In-	
Greenbergs, N., Sons	25.00	surance Co.	100.00
Greenzuz, Geo.	5.00	Hart, Edw. H.	5.00
Gregory Hardware Co.	25.00	Hart, Mrs. K. C.	5.00
Griffin Bros.	10.00	Hart, Wood Lumber Co.....	10.00
Griffin, C. F.	10.00	Hartter, L. & Co.	5.00
Griffith, Durney Co.	50.00	Haskell, W. W.	5.00
Grimm, Mat	25.00	Haslett Warehouse Co.	25.00
Griswold, Dr. W. H.	5.00	Hastings Clothing Co.	100.00
Grosse & Co.	5.00	Hathaway, W. L.	5.00
Grower's Co-op. Agency.....	10.00	Haub Bros.	10.00
Growall, M. & Co.	5.00	Hauptli-Guerin Co.	10.00
Guerin, J. S.	2.50	Hauptman, McDonald Lumber	
Guglieri, Dr. A. A.	2.00	Co.	5.00
Guilfooy Cornice Co.	1.00	Havaside, Wood Co.....	10.00
Guirlani, A.	10.00	Hawes, Alex G.	50.00
Guttard & Co.	20.00	Hawks, A. A.	10.00
Guldi & Geppert	25.00	Hayes Park Laundry	20.00
Gullixson Bros.	25.00	Haywards Bank of Savings....	10.00
Gump, S. & G. & Co.	25.00	Heald's Business College.....	25.00
Gunn, B. M.	5.00	Hearst Estate Co.	200.00
Gunst, M. A. & Co.	250.00	Heeting, Mrs. Marie	1.00
Gunston, Wm. M.	25.00	Heinecke Bros.	7.50
Gutta Percha Rubber Mfg. Co.	20.00	Heineman & Stern	20.00
Guttman, S. L.	2.00	Heineman, William	10.00
		Heins, A. F.	5.00
Haas Bros.	100.00	Heller & Co.	10.00
Haberfield, F. C.	2.50	Heller, Samuel W.	20.00
Hackfeld, H. Co.	10.00	Heller, Klein & Co.	50.00
Hadeler, D.	2.50	Helms Detective Agency	10.00
Hale Bros., Inc.	250.00	Hendricks, F. E.	2.50
Hall Drayage Co.	5.00	Hendry & Co.	5.00
Hall & Son, A. L.	20.00	Hendry, Geo. W.	5.00
Hall, Fred W.	25.00	Henry, C. A. & Co.	50.00
Hall, G. C. & Son	5.00	Henshaw, Bulkley & Co.....	25.00
Hamlin, Sarah D.	5.00	Herbach, Ed.	3.50
Hammersmith & Co.	25.00	Herbert & Cordes	2.00
Hamburger, Polhemus	15.00	Hergert, Jno. L.	25.00
Hanify, J. R. & Co.	10.00	Herget & Harrison	25.00
Hansen, L.	2.00	Hermann, Geo. Co.	25.00
Hansen, Peter	10.00	Hermann & Co.	10.00
Hansen & Elrich	10.00	Herrick, Lester & Herrick.....	20.00
Hansen & Kahler	50.00	Herrington, Dr. Wm.	5.00
Hansen & Seeman	5.00	Herrscher, Jos. & Co.....	20.00
Harbor View Baths	10.00	Herstein, Dr. Morris	20.00
Harder, Peter	25.00	Herzog & Dahl	5.00
Hardwood Interior Co.	5.00	Hesse, N.	5.00
Harper & Co.	2.50	Hettrick, A. L.	10.00
Harpbam & Jensen	15.00	Heyman, H.	2.50
Harris, Gus	20.00	Heyman, J.	2.00
Harris & Hess	2.50	Heyman, O. & Bro.	25.00
Harris, Susie, Dr.	5.00	Hibernia Savings & Loan Soc.	500.00
Harris, Z. H.	20.00	Hicks, Lewis A. Co.	50.00
Harrison, Edw. C.	10.00	High Grade Stables	5.00
Harrison, M. C. & Co.	5.00	Hilburg Hat Co.	10.00
Harron, Rickard & McCone....	50.00	Hills Bros.	50.00

OFFICIAL RECEPTION TO UNITED STATES FLEET

1279

Hill, Jas. & Sons Co.	3.00	Hotel West	5.00
Hillcrest Hotel	35.00	Howard Auto Co.	10.00
Hilmer, Fred & Co.	10.00	Howard Cattle Co.	5.00
Hind Rolph & Co.	100.00	Howard, E. A. & Co.	10.00
Hintman, H.	2.50	Howard, N. H., Estate of.....	10.00
Hinz & Landt, Inc.	25.00	Howard & Galloway	50.00
Hirsch, B.	2.50	Hromada, A.	20.00
Hirsch & Lauter Co.	10.00	Hubbell, A. B.	10.00
Hirschfelder, J. O., M. D.....	20.00	Hudson, Ada	5.00
Hirschfelder & Meaney	25.00	Hughes & Hughes	2.50
Hirschman, A.	25.00	Hulse Bradford Co.	15.00
Hjul, H. H.	25.00	Humboldt Savings Bank.....	25.00
Hobbs, Wall & Co.	30.00	Hume, C. W.	25.00
Hochstadter, Robt. B.	20.00	Hunt Bros. & Co.	25.00
Hodge Draying Co.	5.00	Hunt, Wm.	40.00
Hodscher, Wm. & Co.	20.00	Hurtig Jewelry Co.	2.50
Hoffman, J. A.	5.00	Hutton, Jas.	10.00
Hoffman, Rothschild & Co.....	100.00	Hynes, M. J.	10.00
Hohweisner, C. & Co.	5.00		
Holabird, Reynolds & Co.....	10.00	Ichelson, M.	2.00
Holbrook, G. S., Dr.	2.50	Ickleheimer Bros.	10.00
Holbrook, Merrill & Stetson..	100.00	Ide, Geo. P., Co.	25.00
Hollub-Gabriel Co.	10.00	Illinois Pacific Glass Co.....	25.00
Hollister, Geo. W.	2.50	Illinois Steel Co.	800.00
Holmes Lime Co.	25.00	Imperial Gas Engine Co.....	10.00
Holm & Nathan	10.00	Independent Laundry	10.00
Holmes Co., The	10.00	Independent Match Co.	5.00
Holmes, Edwin L.	5.00	Indiana Furniture Co.	5.00
Holmes, Howard C.	10.00	International Bank Corp.....	25.00
Holmes Investment Co.	100.00	Ins. Co. of North America....	100.00
Holt Bros.	15.00	International M. & M. Co.....	5.00
Holtum, Christian	10.00	Irvine, Jas.	50.00
Home Insurance Co. of N. Y....	100.00	Irvine, Wirth & Jachens.....	2.50
Home Telephone Co., Construc-		Irving Hotel	5.00
tion Department	50.00	Isaacs, Abe	10.00
Hooper, C. A.	100.00	Isbach, A.	1.00
Hooper, G. W.	25.00	Ising, L. M.	5.00
Hooper, Jno. A.	30.00	Italian-Swiss Colony	100.00
Hopkins, C. C.	2.50	Ivanovich Bros.	2.50
Hord, W. H.	2.50	Ivanovich, Trobach & Ber-	
Horn & Co.	5.00	gen Co.	20.00
Horn, W. R.	2.00		
Horst Co., E. Clement.....	5.00	Jackson Napa Soda	50.00
Hotaling, A. P. & Co.	150.00	Jackson, P. H. & Co.....	20.00
Hotel Arlington	50.00	Jackson, S.	5.00
Hotel Baltimore	25.00	Jacob, A. A. & Co.....	5.00
Hotel Blair	5.00	Jacobi & Co.	5.00
Hotel Cadillac	20.00	Jacobs, A.	5.00
Hotel Colonial	50.00	Jacobs, Ben	25.00
Hotel Dorchester	25.00	Jacobs & Malcolm	10.00
Hotel Majestic	25.00	Jacobsen, Halvor & Co.	5.00
Hotel Normandie	20.00	Jacobsen, M.	5.00
Hotel Rex	10.00	Jacobsen, Reimers & Co.....	5.00
Hotel Savoy	25.00	Jaenicks & Co.	5.00
Hotel St. Francis	500.00	Janke, W. E., Dr.	1.00
Hotel Victoria	50.00	Janovitz & Vogeler	2.50
Hotel Von Dorn	25.00	Japanese Assn. of America....	2,664.55

1280 OFFICIAL RECEPTION TO UNITED STATES FLEET

Java Asiatic Co.	5.00	Kitchen & Schmulion	5.00
Jeffry, Thos. B. & Co.	10.00	Klatt-Hirsch Co.	10.00
Jellison, B. F.	10.00	Klee, Henry	5.00
Jenkins, W. M.	10.00	Klein Hat Co.	20.00
Jensen, E.	1.00	Klyce, H. M.	5.00
Johns, H. W., Manville Co....	25.00	Knapp, Wm. & Co., Inc.....	5.00
Johnson, C. A.	5.00	Knorp, F. F., Dr.	25.00
Johnson, F. S. & Co.	10.00	Know, Morris	1.00
Johnson, Harry, Co.	25.00	Knudsen & Paremelee	5.00
Johnson Locke Mercantile Co.	100.00	Knudson & Brugord	5.00
Johnston, Sam	10.00	Koenig & Collins	25.00
Jones Draying Co.	10.00	Koenig Shoe Co.	50.00
Jones, Edward	10.00	Kohlberg, Cassina Co.	5.00
Jones-Paddock Co.	50.00	Kohlberg & Co.	10.00
Jones, M. P. & Co.	5.00	Kohlberg, M. D.	10.00
Jones & Pettigrew	5.00	Kohler & Chase	50.00
Joost Bros.	15.00	Koppel, A.	25.00
Jordan, Arthur A.	5.00	Kroeger, J. H.	1.00
Jordan, Jas. C.	100.00	Kron Tanning Co.	50.00
Juda Bros.	5.00	Krotoszyner, Dr. M.	10.00
Judell & Co., H. L.	2.50	Kruse, Henry	6.50
Judis, Alphonse, Co.	20.00	Kruse, J. H.	25.00
Judkins, T. J.	25.00	Kutner-Goldstein & Co.	5.00
Jung Mon Sang	5.00	Kuttner, Louis	2.50
"Juvenile, The"	5.00	Kutz, G. M., Shoe Co.....	10.00
Kahn, Geo. H.	20.00	Lachman & Jacobi	100.00
Kai, O. & Co.	10.00	La Grande Laundry	50.00
Kanakaris, A.	5.00	Lally & Co.	100.00
Kane, J. O.	5.00	Lane, Wm.	25.00
Kant, M. D.	2.50	Lange & Bergstrom	10.00
Kaplanis, P.	2.00	Langley & Michaels Co.	150.00
Kasser Bros.	10.00	Landsberger, A. H.	2.50
Kassivas Bros.	5.00	Landsburgh & Joseph	10.00
Kaufman, Davidson & Simend	2.50	Larsen, Carl G.	100.00
Kaufman, N. N.	10.00	Larsen, H.	25.00
Keenan Bros.	5.00	Larsen, Walter & Charlie Hed-	
Kelly, G. F.	1.00	quist	25.00
Kelleher, Edw.	1.00	Lascelle, Ward	2.00
Kelley, G. A.	25.00	Lastretto & Co.	25.00
Kellogg, M. B.	3.00	Lastufka Bros.	2.50
Kellogg, S. G.	10.00	Laton, C. A.	5.00
Kemp, Jno. H.	5.00	Lavenson-Shiely Co.	25.00
Kern, Henry	10.00	Law, Dr. Hartland	50.00
Kern River Oil Co.	25.00	Law, Herbert E.	50.00
Keseling, F.	1.00	Law Union and Crown Insur-	
Kerr, Wm. Watt, Dr.....	20.00	ance Co.	100.00
Kessler, Geo. A. & Co.....	100.00	Lazarinne, Mme.	5.00
Keyes, A. D.	5.00	Leavitt, J. W. & Co.	35.00
Keystone Boiler Works	25.00	Le Count Clark & Ormand....	5.00
Kibbler, W. S.	2.00	Lee, Chas. M.	10.00
Kilborn & Hayden	100.00	Lee, Cuyler	25.00
Kinney, R. W. & Co.	50.00	Lee, Roy A.	5.00
King, Chas. A.	25.00	Leege & Haskins	50.00
Kingan & Co.	25.00	"Le Franco" Californen"....	20.00
Kirk Hotel	25.00	Legallet Hellwig Tanning Co.	25.00
Kistenmacher Bros.	25.00	Lehrberger, J. S. & Co.....	10.00

OFFICIAL RECEPTION TO UNITED STATES FLEET 1281

Leighton, Chas. & Co.	5.00	Long Syrup Co.	20.00
Lenci, P. & Co.	2.50	Lonigo, E. V., M. D.	5.00
Lenzen, Theo. W.	5.00	Lovdin, Dennis	2.00
Leonard, Jno. B.	15.00	Louis Fashion Restaurant....	5.00
Leonard & Morton Lumber Co.	5.00	Louis, T.	1.00
Leonhart, Carl	20.00	Lovick Bros.	10.00
Lerer Bros.	2.50	Lowenstein & Seal	5.00
Levenson Co.	10.00	Lowey, W.	5.00
Levey, Dr. W. H.	2.50	Ludlow, J. T.	1.00
Levi Woodworking Co.	5.00	Lucey, M.	5.00
Levin, Isidor	2.50	Luchessi & Marionetti	5.00
Levin, Julius	5.00	Lundstrom Hat Co.	20.00
Levinson Co.	5.00	Lundy, T.	5.00
Levy, A., & Zentner, J., Co...	20.00	Lynett, Mrs. F. M.	1.00
Levy Electric Co.	10.00	Lyons, Chas.	10.00
Levy, Emanuel	2.50	Lyons, H. & Sons.....	10.00
Levy, Jos. & Co.	5.00	Lyons, E. G. & Raas Co.....	50.00
Levy, Julius & Bro., Inc.	30.00		
Levy, S.	2.50	McCarthy Bros.	50.00
Levy, Simon	2.50	McCaw Bros.	10.00
Lewin, Leon	25.00	McCormick, Chas. R. & Co...	10.00
Lewis & Coleman	10.00	McCreery, A. B.	250.00
Lewis, Edgar	10.00	McCrosky, C. B.	5.00
Lewis, Ellis	5.00	McCullough Construction Co...	5.00
Lewitt, W. B.	10.00	McCullough, J. S.	1.00
Libby, McNeal & Libby.....	20.00	McCullough & Muller	15.00
Liberty Iron Works	5.00	McDonald Lumber Co.	50.00
Liberty Restaurant	2.00	McDonough Bros.	10.00
Libraire Francaise	2.00	McDougall Bros.	15.00
Litchenstein, Joy	2.50	McFell Electric Co.	5.00
Litchenstein Realty Co.	10.00	McGuinn, M.	2.00
Lick Bar	25.00	McGraw, E. W.	10.00
Lick House	5.00	McGuffiek & Co.	5.00
Liebes, H. & Co.	25.00	McKinley, Benj. L.	10.00
Liest, C. J. & Co.	5.00	McLaughlin Co.	25.00
Lietz, A. Co.	5.00	McLean, L. D.	20.00
Lilienthal Bros.	2.50	McMahon, Dennis	25.00
Lincoln Annuity Union	5.00	McMann, Thorne	5.00
Lindauer, G.	5.00	McMeen & Miller	10.00
Lindert, P.	5.00	McNab & Smith	50.00
Lindgren, John	10.00	McNear & Wayman	100.00
Lindley & Eickhoff	25.00	McNutt-Kahn Co.	10.00
Lindsay & Barkis	25.00	Mabury, Eugenia B.	15.00
Lippman Bros.	10.00	Macondray & Co.	35.00
Litchfield, J. M. & Co.....	25.00	Magee, Thos. & Sons.....	200.00
Little, Arthur L.	1.00	Magendie & Pinant	25.00
Liverpool, London & Globe Insurance Co.	100.00	Magner Bros.	5.00
Lloyd, R. H.	50.00	Magnes Shoe Co.	1.00
Lloyd & Robertson	25.00	Magnus & Lauer	5.00
Logomaisino, G. B. ....	.50	Magnus, Max	5.00
Lombardi's Restaurant	2.50	Mahr, Jacob	5.00
London Assurance Corporation	100.00	Mailliard & Schmiedell	25.00
London & Lancashire Insur- ance Co.	100.00	Main, John	25.00
London, Paris and American Bank	100.00	Maino, Thos.	5.00
		Magnesia Asbestos Co.	50.00
		Magnin, I. Co.	50.00
		Mahony Bros.	150.00

1282 OFFICIAL RECEPTION TO UNITED STATES FLEET

Maldonado & Co.	25.00	Meyer & Eveston	25.00
Malloye, F. Co.	10.00	Meyer, M. & L.	5.00
Malm, C. A. Co.	5.00	Meyer, Sam	5.00
Malomis, D. & Co.	10.00	Meyer, W. A.	5.00
Mau, J. E.	1.00	Meyers & Ward	40.00
Mandel & Weiner	10.00	Meyer, Wilson & Co.	30.00
Manheim & Dibbern Co.	10.00	Mezeal Tequila Dist. Co.	5.00
Manufacturers and Producers Assn. of California	100.00	Michael & Goldenberg	2.50
Marcus, Moses	5.00	Michalitschke Bros. & Co.	5.00
Marine Electrical Co.	10.00	Miles Bros.	5.00
Maritzen, A.	5.00	Miles, W. C.	3.00
Marlow, Wm. & Co.	5.00	Miller Bros.	10.00
Markwart, A. H.	5.00	Miller, W. A. & Co.	20.00
Marsh, Edw. H.	2.00	Mills, Mrs. C. T.	20.00
Marsh, Girvin & Co.	17.50	Mills, D. O.	100.00
Marshall, Newhall Co.	25.00	Mills & Hagbom	25.00
Martin, Chas. Co.	25.00	Miller & Lux	75.00
Martin, Dangers & Camm	20.00	Miner, F. G.	25.00
Martin, E. & Co.	10.00	Mirandette & Pratte	5.00
Martin, Mrs. Eleanor	100.00	Mission Bank, The	50.00
Martin, Dr. Geo. H.	20.00	Mission Hdw. and Tool Co.	2.50
Martinez, Dr. F.	5.00	Mission Savings Bank, The.	25.00
Martin, Robt.	5.00	Mission Soap and Candle Co.	25.00
Martinet Hotel	5.00	Mitchell, Chas.	25.00
Marwedel, C. W.	5.00	Mitchell & Goodall	5.00
Maskey, Frank	25.00	Mitchell Motor Car Co.	20.00
Mason, Mrs. B.	20.00	Mobile Car Co.	10.00
Mason & Morrison	10.00	Modern Barber Shop	5.00
Masters, Theo. & Sons.	5.00	Moffit, Dr. H. C.	10.00
Matria & Devencenzi	10.00	Mohr, J. F.	5.00
Matson Navigation Co.	30.00	Moise, Klinkner Co.	15.00
Matthews, W. W.	10.00	Molera, E. J.	5.00
Mautz, A., Co.	20.00	Mollenhauer, J. Louis	25.00
Maxwell, Biscoe Pacific Co.	10.00	Moller, Wm. D.	2.00
Mayer & Heins Sons	10.00	Monckton, F. D.	10.00
Mayhew, F. E. & Co.	10.00	Monotti-Larimer Co.	10.00
Mechanics' Savings Bank	25.00	Montague, W. W. & Co.	50.00
Meesse & Gottfried Co.	25.00	Montara Realty Dev. Co.	5.00
Meinecke, Chas. & Co.	25.00	Monteagle, Louis F.	10.00
Melendy, H. W.	2.50	Moody, W. C.	2.50
Melone, Henry C.	5.00	Moore, C. C. & Co.	50.00
Mendleson Bros.	20.00	Moore & Ferguson	25.00
Mendoza, P. M.	10.00	Moore Furniture Co.	50.00
Mentor, M.	5.00	Moore, Jesse Hunt, Co.	150.00
Mercantile Trust Co. of S. F.	100.00	Moore, M. J.	25.00
Merchants' Ice & C. S. Co.	30.00	Moore, R. B.	20.00
Merle, A. Co.	50.00	Moore & Scott	10.00
Metropolitan Redwood Lumber Co.	10.00	Moore, Theo. E.	5.00
Metten & Gebhart	5.00	Moore, Watson D. G. Co.	100.00
Metz, H. A. & Co.	10.00	Moraghan Oyster Co.	50.00
Metzger & Franklin	50.00	Morgan & Allen Co.	20.00
Meyer, A. & Co.	20.00	Morgan & Co.	5.00
Meyer, Daniel	100.00	Morgan, Max	5.00
Meyer, E. A.	6.00	Morgan Oyster Co.	150.00
Meyer, Fred H.	10.00	Morris Bros. & Co.	5.00
		Morris, The H. C. Co.	5.00
		Morris, Walter C.	10.00

OFFICIAL RECEPTION TO UNITED STATES FLEET 1283

Morrow, W. W.	25.00	N. Y. Underwriters Agency....	50.00
Morse, C. C. & Co.	50.00	New Zealand Insurance Co....	100.00
Morse, H. N.	5.00	Nichols & Fay	10.00
Morse, I. H.	25.00	Nicks' Restaurant	5.00
Morse, Jas.	2.00	Nielson & Frost	5.00
Mortensen, H. C.	10.00	Nieman, H.	2.50
Mosely, Herbert .....	.50	Nienberg, W. A.	5.00
Moser Bros.	1.00	Nippert, P. M. Co.	10.00
Moss, Geo. A.	25.00	Nippon, The, Co. ....	.50
Mt. Hamilton Vineyards.....	20.00	Noble, H. W.	2.00
Mt. Shasta Mineral Springs Co.	75.00	Nolan Earl Shoe Co.	25.00
Moynihan, T. J.	2.50	Nonotuck Silk Co.	20.00
Muirhead, Mrs.	25.00	Nordman Bros. & Co.	20.00
Muir & Symon	5.00	North British and Mercantile	
Mulholland, Jno.	2.00	Insurance Co.	25.00
Muller, H.	6.00	North Point Warehouse Co....	25.00
Mullgardt, L. C.	5.00	Northwestern Mutual Life In-	
Murphy & Maio	5.00	surance Co.	25.00
Muller & Raas	25.00	Norton Tanning Co.	35.00
Mulligan, Rev. P. E.	25.00	Norton, Teller & Co.	25.00
Mulligan & Poole	10.00	Norwich Union	50.00
Munk, G. H.	3.00	Novelty Moving Picture Co....	10.00
Murdock, Chas. & Co.	20.00	Novelty Theater	100.00
Murphy, Grant & Co.	100.00	Nozaki Bros.	25.00
Murphy, T.	10.00	Nye & Nissen	5.00
Mutual Savings Bank	150.00	Nystrom, C. A.	2.00
Mkylebo, E.	1.00		
Mysell, Rollins Co.	5.00	O'Brien, C. F. & Co.	10.00
		O'Brien, Smith	10.00
Naber, Alfs & Brune	20.00	O'Brien & Sportorno	25.00
Napa-Sonoma Wine Co.	10.00	O'Callaghan, Dan	5.00
Nassone, B. & Co.	5.00	O'Connell, Daniel	10.00
Nathan, A.	2.50	O'Connell, J.	2.50
Nathan, Dohrman & Co.....	150.00	O'Connor, J. J.	10.00
National Cash Register Co....	25.00	O'Connor, Moffat & Co.....	100.00
National Hotel Co.	25.00	O'Donnell, Dr. C. C.	10.00
National Ice & C. S. Co.....	100.00	O'Leary, D. J.	5.00
National Laundry Co.	25.00	O'Mara, J. E.	5.00
National Tube Co.	800.00	O'Rourke, P. S.	5.00
Nelson, Chas. Co.	50.00	O'Rourke, Eubanks & Co.....	25.00
Nelson, N.	2.50	Occidental Supply Co.	25.00
Nelson, Norman	1.00	Ocean Market	7.50
Nelsen & Peterson	5.00	Ocean Shore Iron Works.....	10.00
Neuburger, Frank	5.00	Ocean Shore Railway	50.00
Neustadter Bros.	100.00	Offerman, Fred	25.00
New Alcazar, The	100.00	Ohmen Engine Works	20.00
Neubauer Bros.	10.00	Old Homestead Bakery	25.00
Newberry, Mrs. F. F.	2.50	Old Louvre	10.00
New Era Paint & Varnish Co.	10.00	Old Poodle Dog Restaurant....	50.00
New Franks Restaurant	25.00	Olsen, J. J. & Son.....	10.00
Newhall, H. M. & Co.....	100.00	Olsen, J. J.	10.00
Newhoff, H.	5.00	Olsen, John	10.00
Newman Bros.	10.00	Olson, Alex.	2.00
Newman & Levinson	150.00	Olson Mohoney Co.	25.00
New Method Laundry Co.....	50.00	Olympic Arms Co.	10.00
New Orleans Cafe	10.00	Omey & Goetting	5.00
Newton Gum Co.	10.00	Ormond, J. J.	1.00

1284 OFFICIAL RECEPTION TO UNITED STATES FLEET

Oro Fino Co.	5.00	Parakerraides, A.	5.00
Orpheum Circuit Co., The.....	250.00	Patek & Co.	2.50
Orsi, G.	15.00	Patek, F.	20.00
Osen & Hunter	10.00	Patrick, A. B. & Co.	10.00
Osgood & Howell	5.00	Patriz, E. & Co.	5.00
Otis, McAllister & Co.	25.00	Patterson, Geo.	2.50
Otis Elevator Co.	100.00	Patterson, Rev. Samuel C.....	15.00
Overland Freight and Transfer Co.	25.00	Patton, Chas. L.	10.00
Owen, R. T.	2.00	Pavilion Dancing Co.	50.00
Owl Drug Co.	50.00	Payot, Henry	25.00
		Payton & Richardson	10.00
		Payot, Stratford & Kerr.....	5.00
Paaahua Sugar Plantation Co.	100.00	Pierce, Rudolph Storage Co... ..	10.00
Pabst Brewing Co.	150.00	Pelicano, Rossi Co.	5.00
Pacific Auto Exchange.....	10.00	Pelton Water Wheel Co.	50.00
Pacific Barbers' Supply Co.....	10.00	Peninsula Warehouse	25.00
Pacific Bone Coal Fert. Co....	2.50	Pennsylvania Fire Insurance Co.	100.00
Pacific Cereal Co.	25.00	Pennsylvania Steel Co.	25.00
Pacific Coast Boiler Works....	20.00	Perkins, C. W.	2.00
Pacific Coast Casualty Co.....	25.00	Peterson, Frank B.	25.00
Pacific Coast Co.	50.00	Peterson, H. A.	1.00
Pacific Coast S. S. Co.....	100.00	Pettibone Bros. Mfg. Co.....	5.00
Pacific Distributing Co.	5.00	Petzold, A. & Co.	10.00
Pacific Coast Syrup Co.....	100.00	Peyton Chemical Co.	10.00
Pacific Coast Trust Co.....	5.00	Phelan, Jas. D.	1,000.00
Pacific Fence Construction Co.	5.00	Phillips, M. & Co.	10.00
Pacific Foundry Co.	15.00	Phillips & Van Orden Co.....	5.00
Pacific Hardware & Steel Co.	100.00	Phoenix Desk and Chair Co....	10.00
Pacific Implement Co.	25.00	Phoenix Furniture Co.....	2.50
Pacific Improvement Co.	5.00	Phoenix Packing Co.	20.00
Pacific Lumber Co.	50.00	Phoenix Tool and Valve Co....	25.00
Pacific Manufacturing Co.	25.00	Pike, C. W. & Co.	5.00
Pacific Metal Works	50.00	Pillsbury, E. S.	50.00
Pacific Meter Co.	5.00	Pilgrim Dining Room	5.00
Pacific Novelty Co.	20.00	Pilot Printing Co.	5.00
Pacific Rolling Mills	25.00	Pinella, P. F.	5.00
Pacific States Savings and Loan Co.	25.00	Pine Manufacturers' Assn. of California	100.00
Pacific Surety Co.	50.00	Pioneer Assaying Co.	5.00
Pacific Tank Co.	10.00	Pioneer Auto Co.	10.00
Pacific Timber Co.	5.00	Pioneer Investment Co.	5.00
Pacific Tool and Supply Co....	25.00	Pioneer Soap Co.	10.00
Pacific Trunk and Bag Co.....	5.00	Pischel, Dr. Kaspar	10.00
Pacific Typewriter Co.	2.50	Pissis, Albert	25.00
Page Bros.	10.00	Pistolesi, A. & Co.	2.00
Paladini, A.	20.00	Pitts, Fred W. & Co.	10.00
Palmer, W. L.	10.00	Pixley, M. F. & H. O.	10.00
Palo Alto Planing Mill.....	10.00	Plant Rubber Supply Co.	10.00
Paradiso, John	2.00	Platshek, M. J.	20.00
Paraffine Paint Co.	25.00	Playa Vicente Rubber Planta- tion and Development Co....	5.00
Paragon, The	10.00	Plum, Chas. N. & Co.	25.00
Parcells Safe Co.	20.00	Plumel, J. F., Co.	10.00
Parker, Fred C.	25.00	Podesta, L. R.	5.00
Parrott & Co.	100.00	Poehner, Dr. A. A.	5.00
Parsons, Dr. E. W.	2.50	Pohli, Ramm	1.00
Pascal Dubedat Co.....	15.00		
Pasquale, B., Co.	50.00		

Poodle Dog Restaurant	50.00	Reid, M. J.	10.00
Popular Dining Room	10.00	Reilly, Ed.	5.00
Porcher & Seagrave	10.00	Reilly, P. F.	2.50
Porporato, J. A.	5.00	Reiss, B. & Sons	5.00
Port Costa Milling Co.	100.00	Renstrom, Frank O., Co.	10.00
Portuguese Commission Co.	10.00	Renters Loan and Trust Co.	50.00
Poss, E. D.	2.50	Requa, M. L.	25.00
Pot Roast	25.00	Rey Hotel	5.00
Potter, Edw. E.	25.00	Reynolds, Chas., Co.	10.00
Potter, T. B. Realty Co.	5.00	Rhode, D. H.	2.00
Powers, Thos.	25.00	Rice, Richard	5.00
Prager Co.	50.00	Richards, D.	2.50
Preciado, Y. V.	2.50	Richmond Fuel Co.	1.00
Prendergast, Rev. J. J., V. G.	100.00	Richmond, F. L.	5.00
Preservaline Manufacturing Co.	5.00	Richmond, J. J.	5.00
Presidio & Ferries R. R. Co.	50.00	Ring Bros.	5.00
Price Cereal Food Co.	5.00	Ringe, R. H.	2.00
Priddle, A.	25.00	Risdon Iron Works	125.00
Prieur, C. & Co.	2.00	Rivers Bros.	5.00
Pringle Co.	10.00	Rix Compressed Air Co.	10.00
Pringle & Knight Co.	5.00	Robbins, J.	10.00
Pringle & Pringle	10.00	Roberts Manufacturing Co.	20.00
Princess Theater	100.00	Robert, C. A. & Sons	5.00
Probert, Mrs.	2.00	Robertson, A. M.	20.00
Prosek, Wm. ....	.50	Robinson, W. H.	2.00
Pullas, M.	2.00	Roces, A.	1.00
Queen, Rich, manager Golden Gate Adv. Co.	100.00	Rockstroth, F. E.	5.00
Raabe, F. O.	2.00	Roeblings, Jno. A. Sons Co.	100.00
Rabjon & Marcon	5.00	Roeder's Cafe	15.00
Radbruck, H. H.	2.00	Roethisherger Bros.	2.50
Radke & Co.	25.00	Roffino, Leo.	5.00
Raggett, Martin	25.00	Rollins, E. H. Sons	5.00
Rahlman, H. F.	5.00	Romani, B.	3.00
Raley, Edw.	2.00	Rooker, E. J.	1.00
Rambo, W. T.	5.00	Rooney & Holt	5.00
Ramsner, J.	5.00	Roos Bros.	300.00
Rankin, C. E.	1.00	Rosconi & Fisher	25.00
Ransohoff & Co.	25.00	Rose, A. & Co.	2.50
Ransome Construction Co.	25.00	Rosenberg Bros. & Co.	25.00
Raphen, M. A.	5.00	Rosenbaum Bros.	5.00
Rapp, Jno. & Son	100.00	Rosenblatt Co., The	25.00
Rapp, W. A.	2.50	Rosenblum, Daniel	20.00
Ratto, N.	5.00	Rosenbloom, R.	2.00
Raver & Karstensen	25.00	Rosenfeld, John, Sons	10.00
Ray, W. S., Manufacturing Co.	5.00	Rosenheim, Samuel	5.00
Raymond, G. A.	20.00	Rosenthal, Louis	25.00
Raynaud, B.	3.00	Rosenthal, Maurice	5.00
Redington & Co.	150.00	Rosenthal Shoe Co.	75.00
Redinger, Mich.	10.00	Rossi Drug Co.	5.00
Reeves, Geo. A.	1.00	Rossi, Frank, Co.	2.00
Regal Shoe Co.	25.00	Rossier, Mrs. C. A.	10.00
Regan & Schlappi	2.50	Roth, Blum & Co.	25.00
Rehmstedt & Meyer	25.00	Roth & Co.	25.00
Reid, J. W.	10.00	Rothchild, A.	1.00
		Rothchild, Jno. & Co.	100.00
		Roundey Realty Co.	5.00
		Rovere, L., Co.	2.00

1286 OFFICIAL RECEPTION TO UNITED STATES FLEET

Rowe, C. V.	5.00	Savart, Louis	5.00
Royal and Queen Insurance Co.	100.00	Savings and Loan Society, The	50.00
Royal Worcester Corset Co.....	250.00	Sazarac, The	5.00
Royanyc, Mrs. M. ....	.50	Scatena, L. & Co.	25.00
Ruben, Paul M.	10.00	Scharff, C. V.	20.00
Ruby Hill Vineyard Co.	25.00	Schecter, P.	5.00
Ruegg, J. B.	5.00	Scheunert, H.	2.00
Ruffino & Bianchi	5.00	Schilling, A. & Co.	150.00
Ruffino, L.	5.00	Schilling, C. & Co.	25.00
Ruhstaller Brewing Co.	100.00	Schivo & Demartini	10.00
Rulofson Metal Window Works	10.00	Schlegel, P. & Co.	5.00
Runlinger, Daniel	5.00	Schlessinger & Bender	20.00
Russ Cafe	10.00	Schlessinger, Chas.	10.00
Russell, Alex.	1.00	Schlitz Brewing Co.	50.00
Russell Cream Co.	5.00	Schloss Crockery Co.	5.00
Russell & Erwin Mfg. Co.....	15.00	Schluob, Mrs.	5.00
Russell, G. M. & Son.....	5.00	Schmidt & Christensen	10.00
Russell, Geo., Reid Co.....	10.00	Schmidt, B. J. & Co.	10.00
Russ, Robt. R.	25.00	Schmidt, J.	1.00
		Schmidt, The K. C., Co.....	5.00
Sacred Heart College	5.00	Schmidt Lithograping Co.....	75.00
Sadler & Co.	10.00	Schmiedell Estate	10.00
Sahores, P.	1.00	Schnaittacher, S.	5.00
St. Dennis, J., Co.	20.00	Schubert, Mrs.	5.00
St. Germain Restaurant.....	25.00	Schneider Bros.	10.00
Salomon & Estes	10.00	Schneider, Mrs. M.	10.00
Sampson, J. C.	1.00	Schoene, Chas.	25.00
Santer, L. & Sons.....	10.00	Schoenfeld, D. M.	10.00
Samuels, Chas.	2.50	Schofield, Mrs.	10.00
Samuels, D., Lace House Co.	100.00	Schrieber, Wm.	25.00
Sanborn Map Co.	10.00	Schroeder, H.	30.00
Sanborn, Vail & Co.	25.00	Schuler, J.	3.00
S. F. Bar Pilots Assn.	100.00	Schultz, Hansen Co.	10.00
S. F. Drydock Co.	100.00	Schumlowitz, G.	2.50
S. F. Engineering Co.	2.50	Schussler Bros.	5.00
S. F. Galvanizing Works	5.00	Schussler, H.	100.00
S. F. Gas and Electric Co.....	250.00	Schussler, M. & Co.	25.00
S. F. Laundry	50.00	Schwabacher-Frey Stationery	
S. F. Mining Exchange	100.00	Co.	25.00
S. F. National Bank	100.00	Schwartz Bros.	50.00
S. F. News Co.	15.00	Schwartz Bros.	1.00
S. F. Packing and Prov. Co....	20.00	Schwartz & Meyer	25.00
S. F. Pioneer Varnish Works.	25.00	Schwartz, S. E.	5.00
S. F. Savings Union	100.00	Schweitzer & Co.	50.00
S. F. Soda Water Mfg. Assn.	100.00	Scofield, F. K.	5.00
S. F. Stove Co.	20.00	Scott & Gilbert Co.	25.00
S. F. Suburban Home Build-		Scott & Magner	20.00
ing Society	100.00	Scott & Van Arsdale Co.....	50.00
S. F. Zinc and Brass Foundry	2.50	Seager, H. L. M. D.	2.50
Sanguinetti, S.	5.00	Searight Waldeck Co.	5.00
San Gottardo Hotel	2.00	Security Savings Bank	50.00
Sanitary Laundry Co.	20.00	Seibe Bros. & Plageman.....	100.00
Sanders Copper Works	10.00	Selby Smelting and Lead Co.	100.00
Sanford Bros.	10.00	Selig, A. C.	2.50
Sartorius Co.	15.00	Selig Bros. & Sachs	10.00
Sasia, Rev. Jos.	50.00	Selk, Chas. F.	1.00
Sass, J.	10.00	Seller Bros. & Co.	25.00

OFFICIAL RECEPTION TO UNITED STATES FLEET 1287

Seller & Madison Co.	20.00	Spreckels, Claus	500.00
Semeria, Henry & Co.	10.00	Spreckels, J. D. & Bros. Co...	50.00
Sequoia Chapter, Daughters of American Revolution.....	25.00	Spreckels, Rudolph	250.00
Serwe & Prien Co.	25.00	Spreen, Wm.	5.00
Sewell, Ed.	10.00	Sperry Flour Co.	200.00
Seymour, Jos. H.	10.00	Springfield Fire and Marine Insurance Co.	100.00
Shasta Water Co.	25.00	Sroufe & Co.	10.00
Schaw, Batcher Co., The.....	10.00	Stafford & Co.	50.00
Shea, Bocqueraz Co., The.....	25.00	Standard Biscuit Co.	10.00
Sheehan, M. J.	10.00	Standard Cafe	10.00
Sneerin, D. C.	25.00	Standard Cloak and Suit Co...	5.00
Sherman, Clay & Co.	100.00	Standard Electrical Construc- tion Co.	30.00
Sherwood & Sherwood.....	100.00	Standard Electric Works.....	20.00
Ship Owners and Merchants Tow Boat Co.	100.00	Standard Lumber Co.	25.00
Shirley's	25.00	Standard Milk Co.	20.00
Shirley, Jno.	10.00	Standard Office Supply Co.....	5.00
Shorb, Orren E.	2.00	Standard Sheet Metal Works.	10.00
Shreve, Barber Co.	10.00	Standish, Miles	25.00
Shreve & Co.	300.00	Stanford Parlor No. 76, N. S. G. W.	45.70
Siebel, P. H.	2.50	Stanford Studio	3.00
Sievers Floral Co.	10.00	Stange, J. W.	5.00
Simmons Manufacturing Co...	25.00	Stanley, Chas. T.	5.00
Simons, L. S.	5.00	Stanley-Taylor Co.	25.00
Sing, Chong Co.	100.00	Stapfer, Miss E. B.	1.00
Sinliani, G.	1.50	Starkweather, A.	1.00
Sinclair, W. J.	5.00	Starr Estate Co.	20.00
Singer Sewing Machine Co...	10.00	Stehn, Edw. M.	25.00
Sing Fat Co., Inc.	50.00	Steiger & Kerr	20.00
Sisser, J.	5.00	Steiger Terra Cotta Works.....	50.00
Skinner, Jno. F.	2.00	Steel, Henry Co.	5.00
Slade, S. E., Co.	50.00	Steimke, J. F.	5.00
Sloane, W. J. & Co.	100.00	Stein, E.	2.50
Sloss, Louis & Co.	100.00	Stephens, J. A.	5.00
Smith, Annie	5.00	Sterling Electric Co.	10.00
Smith's Cash Store	20.00	Sterling Furniture Co.	50.00
Smith, Francis & Co.	50.00	Stern, H.	1.00
Smith, G. W.	10.00	Stewart, E. & Co.	5.00
Smith, Lyden & Co.	2.50	Stewart Fruit Co.	25.00
Smith, Robertson & Co.	5.00	Stockton, A. L., Lumber Co...	5.00
Smith, Sidney V.	25.00	Stockton Milling Co.	50.00
Snell, C. M., Jr.	2.00	Stone & Smith	5.00
Snyder, S. M.	10.00	Strauss, Greenberg & Sachs..	10.00
Solari's Cafe	10.00	Strauss, Levi	100.00
Solomon, L. C.	25.00	Strauss, Louis	5.00
Somers & Co.	25.00	Strong, Belden & Farr.....	5.00
Somers, G. B.	10.00	Strozynski, L., Co.	7.50
Son Bros. & Co.	20.00	Studebaker Bros. of Calif.....	100.00
Sonntag, L.	2.50	Stump, F.	1.00
Sorenson Co.	10.00	Stumpf, Jno., Co.	10.00
Sotoyome Bank	10.00	Sudden & Christensen	25.00
South End Warehouse Co.....	25.00	Suhn, Jno. C.	25.00
Spanish American Food Co...	10.00	Sulger, Mrs. F.	2.00
Speed, D. M.	10.00	Sullivan, Anna	1.00
Spiro Harness Co.	5.00	Sullivan, Frank J.	100.00
Spohn, Jno. & Co.	10.00		

1288 OFFICIAL RECEPTION TO UNITED STATES FLEET

Sultan Baths	10.00	Turf Saloon	25.00
Sumerfield & Harris	10.00	Turner-Mathew Co.	20.00
Sunbeam Saloon .....	.50	Tyler, S. H. & Son	25.00
Sunset Tanning Co.	10.00	Tyson, Geo. H.	100.00
Superba, The	10.00		
Sussman, Wormser Co.	100.00	Uhl Bros.	25.00
Sutter Home Wine Co.	10.00	Uhlman, Seeligsohn & Brown.	10.00
Swan Drug Co.	2.50	Union Fish Co.	20.00
Swain Co., The	20.00	United Glass Co.	25.00
Swift & Co.	100.00	Union Ice Co.	85.00
Swiss-American Bank	50.00	Union Iron Works Co.	300.00
Swiss-American Wine Co.	10.00	Union Lumber Co.	50.00
Szegedy, S.	1.00	Union Pacific Salt Co.	20.00
Szukalski, P.	1.50	Union Seltzer Co.	50.00
		Union Transfer Co.	50.00
Taber, Bigelow Co.	10.00	United Cigar Stores Co.	100.00
Tacoma Bottling Co.	100.00	U. S. Fidelity and Guarantee	
Tacoma Mill Co.	25.00	Co.	100.00
Taaffe, Wm. & Co.	10.00	United Korean Assn.	100.00
Taits Catering Co.	100.00	United Parlor, N. S. G. W.	20.00
Taravellier & Carnes	2.50	U. S. Mint Employees	250.00
Tay, Geo. H., Co.	50.00	U. S. Printing Co.	5.00
Taylor, F. W.	2.00	United Railroads of S. F.	5,000.00
Taylor, Mayor, E. R.	100.00	United Workmen's Boot and	
Taylor Paper Co.	5.00	Shoe Co.	25.00
Taylor & Spotswood Co.	20.00	Universal Hotel	2.50
Telephone Elec. Equip. Co.	2.50	Upham, Isaac & Co.	10.00
Terkelson & Henry	10.00	Uriosti & Co.	25.00
Thayer, I. E.	15.00		
Thieben, Jno.	5.00	Valentine, Francis, Co.	5.00
Thiebach, C. F. & Co.	20.00	Valle, Louis	10.00
Thomas & Carlson	2.50	Val Schmidt, Edw.	10.00
Thomas Dye Works	20.00	Valvoline Oil Co.	25.00
Thomson Bridge Co.	50.00	Van Arsdale, Harris L. Co.	25.00
Thompson, C. F. & Co.	2.50	Van Bergen, H. & Co.	20.00
Thompson, Starrett Co.	100.00	Vanderslice, W. K. Co.	25.00
Thorn-Wohrden & Hoecker....	25.00	Van Emon Elevator Co.	25.00
Threlkeld, Blohm & Co.	10.00	Van Ness Theater	150.00
Tieburg Bros.	25.00	Van Praag & Cosgriff	10.00
Tietjen, B. H.	5.00	Van Fleet, Louis	5.00
Tillman & Bendel	150.00	Vant, E. D., Hardware Co.	2.50
Tindell, F. R.	1.00	Varivoles, M. D.	5.00
Title Insurance and Guaranty		Varney & Green	100.00
Co.	20.00	Vatechi, S.	1.00
Titus & Creed	10.00	Vayssie Bros.	5.00
Todd & Peters	5.00	Viave Co.	100.00
Torress, J. M.	1.00	Vickery, Atkins & Torrey....	20.00
Torrey, L. L.	5.00	Vignier, Ami	50.00
Towle, Geo. W.	10.00	Von Husen & Co.	10.00
Townley Mill and Lumber Co.	5.00	Volkman, C. M., Co.	10.00
Townsend, C. E.	1.00	Volmer & Perry	5.00
Townsend, W. L.	10.00	Von Hove, Louis	5.00
Treich, P.	10.00	Von Schroder, J. H.	50.00
Treist & Co.	50.00	Voorsanger, Jacob	10.00
Tryon, E. H.	10.00	Vulcan Iron Works	35.00
Tschirch, Wm.	5.00		
Tybbbs Cordage Co.	50.00	Wade, Wm. M.	1.00

OFFICIAL RECEPTION TO UNITED STATES FLEET 1289

Wagner-Kennedy Co.	5.00	Wichman, Lutgen & Co.....	50.00
Wagner Leather Co.	10.00	Wickham, J. F.	5.00
Waklee & Co.	20.00	Wiemer, L.	2.50
Waldorff Buffet, The	65.00	Wiley, J. H.	2.00
Walker, Joseph	5.00	Willie, Louis	5.00
Wallace, J. S.	2.50	Williams & Berg	25.00
Walsh, Thos. J. & Co.	10.00	Williams, C. F.	25.00
Walter, D. N. & E. & Co.	50.00	Williams, Diamond Co.	25.00
Ward, Fred & Son	10.00	Williams, J.	25.00
Warren Improvement Co.	10.00	Williams, Marvin Co.	10.00
Wartell, B.	2.50	Williams & Surryhne	10.00
Washauer Bros.	4.00	Williamson Bros.	10.00
Waterbury Co.	10.00	Wilson, C. E.	10.00
Waterhouse & Lester	50.00	Wilson, Chas. E.	25.00
Waterman, Emil	2.50	Wilson, J. D.	20.00
Waterhouse & Price	10.00	Wilson, J. & R., Inc.	5.00
Weeks, Howe & Emerson	25.00	Wilson, M. S.	20.00
Weill, Raphael & Co.	1,000.00	Wilson's Restaurant	25.00
Weiland Bros.	25.00	Wilson, Wm. F.	20.00
Weil Bros. & Sons	10.00	Windt, Morris	5.00
Weil, J. C.	2.00	Winslow, C. R. & Co.	15.00
Weill, L.	2.50	Wissum, Jas.	10.00
Weiner, M. ....	.50	Witzel & Baker	10.00
Weinard, Henry, Brewery	200.00	Wobber, P. W.	10.00
Weise, J.	3.00	Woener, David	10.00
Weissend, Jno. A.	2.00	Wolcott, L. W.	10.00
Weisheimer & Coolidge.....	7.50	Wold, C. L.	2.00
Weister & Co.	3.00	Wolf & Co.	10.00
Welch, Andrew, Estate Co.	50.00	Wolf, Edw., Co.	10.00
Wellman, Peck & Co.	25.00	Wolfe & Hawley	10.00
Wellnitz, Hermann	5.00	Wolfe, E. Myron	5.00
Welsbach Co.	10.00	Wonder Millinery	10.00
Welsh & Carey	10.00	Wong, Him, Dr.	40.00
Welsh, J. C.	50.00	Wood, E. K., Lumber Co.....	50.00
Wendling Lumber Co.	25.00	Woods & Huddart	10.00
Weniger, P. J. & Co.	25.00	Worden, Clinton E.	25.00
Werle & Willoh	25.00	Workheimer, L.	5.00
West Coast Hardware Co.....	2.00	Wrenn, J. T.	2.50
Western Builders' Supply Co.	5.00	Wright, F. F.	50.00
Western Creameries	10.00	Wright Hardware Co.	10.00
West, Elliot & Gordon.....	5.00	Yates & Co.	2.50
Western Engineering and Con- struction Co.	25.00	Yawman Erbe Co.	10.00
Western Fuel Co.	150.00	Yellowstone, The	10.00
Western Meat Co.	150.00	Yokella, Jno.	5.00
Western National Bank	100.00	Yorke Hotel	10.00
Western Sugar & Refining Co.	50.00	Young, Mrs. E. E.	1.00
Wetmore Bros.	10.00	Young, Geo. H., Inc.	35.00
Wheeler, Chas. S.	50.00	Young, J. A.	5.00
White Bros.	10.00	Young, A. L., Machinery Co..	50.00
White, L. E., Lumber Co.....	100.00	Zappentini & Perasso	5.00
White Orn. Iron Works.....	10.00	Zellerbach Paper Co..	75.00
Whitely, Jas.	50.00	Zimmer, M. L.	2.00
Whitney, C. E., Co.	2.50	Zimmerman, Robt.	2.00
Whitney, J. B. & Co.	5.00	Zobels Millinery	25.00
Whittell, George, Jr.	50.00		
Wichman, Geo.	2.50		

\$74,072.00

1290 OFFICIAL RECEPTION TO UNITED STATES FLEET

REPORT OF FINANCE COMMITTEE.

The following is the report of the Committee on Finance (A. A. Watkins, Chairman), Official Reception to the Fleet, showing segregated sums expended by the various sub-committees, to wit:

Executive Committee.

(James D. Phelan, Chairman.)

Salaries	\$1,458.65	
Stationery and printing	395.58	
Postage and telegrams	307.98	
Sundries	385.75	
Committee badges	148.50	
Auto hire	115.00	
Advertising	23.60	
		\$ 2,835.06

Committee on Finance.

(A. A. Watkins, Chairman.)

Salaries	\$2,404.08	
Printing and circulating	1,126.56	
Postage	846.00	
Stationery	99.90	
Sundries	43.66	
		4,520.20

Committee on Decorations.

(Raphael Weill, Chairman.)

Electric lighting	\$8,942.55	
Flags and bunting	4,248.18	
Labor	2,071.48	
Flag poles	1,623.02	
Flag pole sockets	1,278.50	
Sundries	775.35	
Official landing place	752.50	
Wooden shields	436.30	
Consular Corps decorations	137.00	
Stationery and postage	64.10	
		20,328.98

Committee on Entertainment.

(Frederic W. Hall, Chairman.)

Receptions	\$2,978.50	
Music	2,817.50	
Entertainment of Petty Officers.....	1,137.25	
Printing	936.80	
Sundries	671.50	
Salaries	169.00	
Cigars and liquors	117.50	
Postage	105.00	
		8,933.05

OFFICIAL RECEPTION TO UNITED STATES FLEET 1291

Committee on Reception and Parade.

(Frank J. Symmes, Chairman.)

Reception rooms (St. Francis, Fairmont).....	\$1,205.15	
Carriage hire	780.50	
Grand stand seats	695.00	
Auto hire	668.00	
Mayor's reception	581.75	
Grand Army review stands	338.50	
Transportation of State troops	250.00	
Sundries	244.80	
Printing	182.97	
Flowers	182.50	
Salaries	145.00	
Advertising	25.20	
Badges	12.50	
		5,311.87

Committee on Sight-Seeing.

(R. B. Hale, Chairman.)

Mt. Tamalpais excursions	\$1,453.75	
Transportation	610.50	
Cigars and liquors	416.47	
Salaries	92.35	
Auto hire	89.00	
Flags and bunting	57.96	
Stationery and postage	14.90	
		2,734.93

Committee on Entertainment of Enlisted Men.

(Walter MacArthur, Chairman.)

Equipment of Club House	\$6,801.45	
Refreshments	2,755.00	
Naval Pavilion	2,000.00	
Labor—Club House, and athletics.....	1,666.59	
Rental of Club House	1,560.00	
Athletics	1,511.33	
Music	1,231.70	
Printing	654.87	
Sundries	582.35	
Hall rentals	202.50	
Transportation	95.75	
		19,061.54

Committee on Press and Publicity.

(Allan Pollok, Chairman.)

Poster	\$ 702.43	
Salaries	663.95	
Official programs	600.00	
Photos for battleships	450.00	
Breakfast to newspaper correspondents.....	320.50	
Stationery and printing	215.70	
Sundries	175.65	
Postage	144.05	
Advertising	88.50	
		3,360.73

1292 OFFICIAL RECEPTION TO UNITED STATES FLEET

RECAPITULATION.

Receipts.

Subscriptions	\$74,072.00	
Grand stand receipts	1,387.13	
		\$75,459.13

Disbursements.

Commissions on collections	\$ 2,748.65	
Executive Committee	2,835.06	
Committee on Finance	4,520.20	
Committee on Decoration	20,328.98	
Committee on Entertainment	8,933.05	
Committee on Reception and Parade	5,311.87	
Committee on Sight-Seeing	2,734.93	
Committee on Entertainment of Enlisted Men.....	19,061.54	
Committee on Press and Publicity	3,360.78	
Claims paid	1,155.50	
		70,990.56
Balance		\$ 4,468.57

SUMMARY OF CORRESPONDENCE.

June 1st, 1908.

	Letters.		Publicity	Forms and	Meetings.
	Received.	Sent.	Forms.	Invitations.	
January	60	255	.....	750	11
February	416	1,001	3,670	60	16
March	1,175	1,238	2,936	2,408	23
April	570	734	2,936	120	19
May	526	393	1,468	7,400	11
	2,747	3,621	11,010	10,738	80
Received	2,747				
Sent		3,621			
Publicity		11,010	Articles for papers.		
Publicity		405	Articles for magazines.		
Publicity		10,000	Posters.		
Publicity		1,000	Posters, postals.		
Forms and Invitations.....		10,738			
Total	39,521		Pieces of mail matter.		
	60,000		Programs.		
	545		Hotel cards.		
	6,294		Misc. printed matter, maps, etc.		
	145,881				

Respectfully submitted,

JAMES D. PHELAN,
Chairman Executive Committee.

CHAUNCEY M. ST. JOHN,
Secretary Executive Committee.

DISPOSITION OF BALANCE OF FLEET RECEPTION FUND.

The following letter was sent to all subscribers to the Fleet Reception Fund, with a view of ascertaining their wishes in the matter of the disposition of a balance of \$4,468.57 in the said fund remaining unexpended on June 30, 1908, to wit:

San Francisco, August 5th, 1908.

To the Contributors to the
Fund for the Reception of the Fleet:

There remains a surplus in the hands of the Committee amounting to \$4,468.57 and by resolution it was ordered to ascertain the wishes of the subscribers as to its disposition. It is equivalent to about 6 per cent of the whole sum collected.

It is the sense of the Committee that of this surplus \$702.00 should be paid to bands which participated in the parade without employment from the Committee, viz.: Naval Military Band, Fifth Infantry Band, Columbia Park Boys Band, and League of the Cross Band; and secondly that the balance should be paid for the maintenance of the Naval Club inaugurated by this Committee and successfully conducted by the Naval Young Men's Christian Association during the visit of the fleet. It is now located at No. 84 Market street, and it is the intention of the Association to maintain it for the benefit of all sailors visiting this port for all time, or until its means are exhausted.

This donation seems to be in line with the original purpose of the subscribers.

You are asked to please indicate on the attached postal your approval of this recommendation or your preference that 6 per cent of your contribution be returned to you.

Respectfully submitted,

JAMES D. PHELAN,
Chairman Executive Committee.

CHAUNCEY M. ST. JOHN,
Secretary Executive Committee.

A. A. WATKINS,
Chairman Finance Committee.

BALANCE OF FLEET RECEPTION FUND DISBURSED.

Consent was given by a large majority of the subscribers to the disbursement of the balance of the Fleet Reception Fund, as indicated in the foregoing communication. Contributors representing only \$154.24 (6 per cent of the amounts subscribed by them) requested the return of their subscriptions. The balance was disbursed as above, after a law suit for \$887.53 had been compromised.

Amendments to the Charter

One of the important matters requiring immediate attention and which was considered by the Board of Supervisors upon the reorganization of the Board in July, 1907, was the framing of amendments to the charter. In this work the Supervisors were assisted by the Merchants' Association, other civic bodies and interested citizens. The Committee on Charter Amendments, consisting of Supervisors Murphy, Sullivan and Magee, on August 26, 1907, submitted the following report:

REPORT OF THE CHARTER AMENDMENTS COMMITTEE ON PROPOSALS TO AMEND THE CHARTER.

To the Honorable the Board of Supervisors
of the City and County of San Francisco, State of California:

Your Committee on Charter Amendments, to whom was referred a series of proposals to amend the Charter of the City and County of San Francisco, submitted by various civic organizations of said City and County, begs leave to report thereon as follows:

Your committee recommends the submission of the following twenty-one proposals to the electors at the Municipal Election to be held on Tuesday, November 5th, 1907.

The experience of the past has shown that a better expression of public sentiment is obtained when proposals to amend the Charter are submitted at general elections instead of a special election, and, moreover, an expense of possibly ten thousand dollars will be saved to the City and County by submitting said proposals at said election:

MUNICIPAL BONDS.

1. This amendment relates to the issuance of municipal bonds, and provides that the same may be either term or serials, as the Supervisors may direct.

The maximum rate of interest is raised from four to five per cent per annum, and provision is made that the bonds may run for seventy-five years, instead of forty years, and the sinking fund need not commence until eighteen years have elapsed, in conformity with the recent amendment to the Constitution of the State.

Your committee strongly urges the adoption of this amendment, by reason of the inability of the City and County of San Francisco to sell three and one-half per cent serials, after repeated efforts have been made so to do, and believes that although a variance is made in permitting term bonds to be sold, instead of serials, nevertheless, under another proposed amendment to be submitted, and which will be treated later, the City and County of San Francisco may avail itself of such amendment by depositing its moneys now lying idle in the treasury, in banks, and obtain at least two per cent interest on daily balances.

The new amendment provides that in the event of the bonds having been offered for sale by the Supervisors, and not sold under public bidding, they may be afterwards sold at the City treasury, or branches, to any

applicant at a price to be fixed by the Board of Supervisors, provided that such prices are not less than par, and accrued interest, nor less than the highest sum bid for similar bonds. It also provides that the payment of the principal may be made at such places as the Supervisors may direct, New York, for instance, and exacts a deposit of five per cent from bidders, with a maximum deposit of ten thousand dollars. Such bonds as may have been heretofore issued or which may be hereafter issued, and which cannot be sold at par, after three advertised offers to sell, may be cancelled by the Supervisors. It further provides for a system of registration of bonds for those who do not desire to present interest coupons to the Treasurer.

Provision is made that when the interest and sinking fund of any public utility can be paid out of its surplus earnings, no tax for such purpose shall be provided in the general levy.

The justice of such a policy is at once apparent.

When the purpose for which the bonds have been issued shall have been accomplished, and a surplus remains in the fund in excess of two thousand dollars, the same shall be applied to the payment of interest on the bonds, and to the redemption of the principal. Whenever the amount is two thousand dollars and less, the surplus reverts to the general fund.

TAX LEVY.

2. The fiscal policy, with respect to the levying of taxes, outlined in the Charter, is departed from in this amendment by providing that taxes levied for running expenses of the City Government shall not exceed eighty-five cents on the one hundred dollars, instead of one dollar, as at present. However, the current expenses may be paid out of the revenue from other sources, which revenue is increased annually, and the sole purpose of this amendment is to enable the City and County to obtain at least fifteen cents, annually, under the dollar limit, to be used for the construction and repair of street pavements, sewers, public buildings, and for the purchase of land; for instance, it is safe to assume that five hundred million dollars will be the average assessment roll of the City and County of San Francisco for many years to come. This will give (provided the Supervisors levy the tax of fifteen cents), at least seven hundred and fifty thousand dollars, annually, for these purposes, but it in no manner restricts the Board of Supervisors from appropriating money within the eighty-five-cent levy, or from revenue from other sources, to provide for either current expenses or for public improvements.

PROVIDING FOR THE DISTRIBUTION OF SURPLUS EARNINGS OF ANY PUBLIC UTILITY.

3. This amendment provides that any surplus earnings of any public utility shall be applied directly to the discharge of any bonded indebtedness incurred for the acquisition of such utility.

DEPOSIT OF PUBLIC FUNDS IN BANKS.

4. This amendment provides that the Treasurer may deposit public funds in banks, in the manner prescribed by the Constitution of the State of California, and the General Law. The provisions are the same as the State law, with such changes as will make it applicable to the City and County only. The main idea, as hereinbefore referred to, is to permit the City and County to obtain interest on its deposits now lying idle in the treasury. The

conditions of deposit are safeguarded in every particular, it being necessary for the Treasurer to obtain the consent of the Mayor to deposit. The rate of interest on daily balances, not less than two per cent, shall be fixed by the Board of Supervisors.

It is certainly not in line with public policy to permit several millions of dollars to lie idle in the City treasury when the money is not in use, and cannot be put into use for several months, and when interest can be obtained, under proper safeguards laid down by the Constitution of the State of California, supplemented by Charter provisions.

PROGRESSIVE PAYMENTS ON PUBLIC CONTRACTS.

5. This amendment provides that progressive payments may be made by the City and County on public work that shall not in the aggregate exceed in amount seventy-five per cent of the value of the work done at the time of payment, nor shall more than seventy-five per cent be paid until the completion and final acceptance of the work.

This amendment will permit persons and companies of moderate means to bid on public work, and will not restrict it to the hands of a few, as at present.

INCREASING TREASURER'S BOND AND PROVIDING FOR THE PAYMENT OF PREMIUMS ON OFFICIAL BONDS IN EXCESS OF \$10,000.

6. This amendment provides for increasing the official bond of the Treasurer of the City and County from one hundred thousand dollars to two hundred thousand dollars, and also provides for the payment of premiums on official bonds in excess of ten thousand dollars, if conditioned that not more than one-half of one per cent shall be paid as such premium.

This policy is in accord with that followed in the business world, and your committee believes it should be adopted by the City and County.

INCREASING URGENT NECESSITY FUND FROM THIRTY-SIX THOUSAND DOLLARS TO ONE HUNDRED THOUSAND DOLLARS PER ANNUM.

7. This amendment increases the amount allowed to be appropriated annually by the Board of Supervisors for urgent necessities from thirty-six thousand dollars to one hundred thousand dollars.

At the time of the preparation of the budget it is very difficult to foresee all requirements of the City and County for the ensuing fiscal year, and ample provision should be made to permit the meeting of contingencies which may arise, particularly when the expenditure of this fund is safeguarded by the requirement of fifteen votes of the Supervisors, and the sanction of the Mayor.

SALARIES AND VACATIONS OF MEMBERS OF THE FIRE DEPARTMENT.

8. This amendment is recommended pursuant to petition of fifteen per cent, and more, of the qualified voters of the City and County of San Francisco, to increase the salaries of members of the Fire Department of the City and County, and to provide vacations for its members, and also to increase the pensions of said members.

Your Honorable Board ordered transmitted to the Registrar of Voters for authentication the aforesaid petition and was advised by that official that there

were 14,381 total actual signers thereto, of which number 2,208 were illegally verified, leaving a net number of 12,173, said number being 2,957 in excess of the requisite fifteen per cent of 61,442 voters, namely 9,216.

Your committee hereby expressly refers to and makes a part hereof the report of said Registrar.

Under the Constitution, and the Charter of the City and County of San Francisco, there is no discretion with your Honorable Board other than to submit the above amendment to the electors as petitioned for, and your committee hereby recommends that such action be taken.

AUTHORIZING MUNICIPAL OWNERSHIP OF PUBLIC UTILITIES, PROVIDING FOR THE PURCHASE OF LANDS FOR WATER PURPOSES, AND RELATING TO INCOME FROM PUBLIC UTILITIES AND METHOD OF ACCOUNTING.

9. This amendment provides that an express grant of power be given the City and County of San Francisco to acquire, construct or complete, operate, maintain, sell or lease any public utility, subject to Charter limitations, and further provides that the City and County may acquire lands for use in connection with a municipal water supply.

The question of whether or not the method of procedure outlined in the present Charter for the acquisition of public utilities constitutes a grant of power has been raised, and your committee deems it expedient to set at rest said question, and resolve it in favor of the City and County by a specific grant of power.

In view of the proposed acquisition of water rights in the Sierras, the City should be enabled to acquire any lands that may be necessary for such purpose, and specific provision is made therefor in the proposed amendment.

The receipts from any public utility operated by the City and County shall be kept in a special fund and used as follows:

- (1) For the payment of operating expenses.
- (2) For repairs and reconstruction.
- (3) For payment of interest and sinking fund on bonds issued for the utility.
- (4) For extensions and improvements.
- (5) For a reserve fund.

When the reserve fund exceeds one-half of the annual cost for operating expenses, the excess may be turned into the general fund.

One of the main purposes of the amendment is to require that the books of account for any public utility be kept distinct from other City accounts, and in such a manner as to show the true and complete financial results of such municipal ownership.

PROVIDING FOR THE SALE OF LANDS BY THE CITY AND COUNTY.

10. This amendment empowers the City and County of San Francisco to sell either at public or private sale, in the general manner outlined for the conduct of probate sales, properly safeguarded, land of the City and County which may be hereafter acquired, excepting such lands as may be dedicated to parks, squares or children's playgrounds.

While your committee believes in the general policy of the non-sale of public lands, nevertheless, in the event of the acquisition of public utilities, it is possible that lands not actually required for use in connection with said utilities may be purchased by the City and County, and in that event the City

should be in a position to sell such lands as, in the judgment of the Board of Supervisors and the Mayor, are not required for public use.

GRADE CHANGES.

11. The Charter of the City and County of San Francisco specifies that the manner of changing grades shall be in general conformity with the plan outlined in the Charter for the opening, widening and extension of streets, supplemented by ordinance of the Board of Supervisors.

Although an ordinance providing for the changing of grades has been passed by the Board of Supervisors, nevertheless, in the only instance in which the matter was pressed to a final determination, it was held by the Superior Court of the City and County of San Francisco that the procedure specified in said ordinance was at variance with the general law and inoperative, and to remedy this condition your committee is of the opinion that a Charter amendment is necessary, which amendment, when ratified by the Legislature, will have the full force and effect of a statute.

OPENING AND WIDENING OF STREETS.

12. This amendment provides for the repeal of the procedure outlined in the Charter, which is found to be inadequate, and for the substitution in lieu thereof of the provisions of the general law of the State, which has been construed by the courts. Such few changes in the law as were necessary to make it apply to the City and County have been incorporated.

It may be said in connection with this matter that no procedure has been attempted under the Charter to open and widen streets.

LIABILITY OF THE CITY AND COUNTY, AND ITS OFFICIALS, FOR DAMAGES DUE TO DEFECTIVE STREETS, SEWERS OR SIDEWALKS.

13. The Charter as at present constituted imposes an onerous liability upon the members of the Board of Public Works in this: That they are subject to actions at law for damages due to accidents arising from defective streets or sewers. As it is physically impossible for any official to prevent accidents of this character it is deemed no more than just and right that some relief should be given.

Members of the Board of Public Works in past years have been subject to suits for damages, and judgments rendered against them, through no fault of theirs.

This amendment proposes to make such officials liable for damages arising from this cause only after written notice is served upon them of defects in streets and sewers, and ten days shall have elapsed thereafter, and provides also that no such liability shall accrue unless there are funds on hand available for making the necessary repairs.

LEASING SCHOOL LANDS.

14. This amendment provides that school lands may be leased under certain conditions for thirty-five years instead of twenty years. In the case of valuable land owned by the School Department, and no longer required for school purposes, it has been found impossible to lease advantageously for a term of twenty years or less, such holdings. It is now proposed that if a lessee shall agree to erect a substantial building, and shall, after requisite procedure, bid a

sum suitable and satisfactory to the Board of Education, the Board of Supervisors and the Mayor, a leasehold may be given for a period not exceeding thirty-five years, the improvements on the land to revert to and become the property of the City and County at the termination of the leasehold.

SPUR TRACKS.

15. This amendment authorizes the Board of Supervisors to permit the laying of spur tracks, connecting warehouses with the belt line or any other lines of railroads which now or may hereafter enter the City and County, under regulations prescribed by the Board of Supervisors.

OFFICIAL ADVERTISING.

16. This amendment provides that the official newspaper shall have a bona fide daily circulation of at least two thousand, instead of eight thousand, as at present.

REGULATING TELEPHONE RATES AND PRESCRIBING THE QUALITY OF SERVICE.

17. This amendment supplements the Charter provision now in effect providing for the regulation of water and light rates by adding thereto a clause granting to the Board of Supervisors the power to regulate the rates to be collected for telephone service supplied to the City and County, or to the inhabitants thereof, and to prescribe the quality of the service.

CHILDREN'S PLAYGROUND COMMISSION.

18. This amendment provides for the creation of a Children's Playground Commission, consisting of seven members, three of whom may be men, and two of whom may be women, and that the President of the Board of Education and the President of the Park Commissioners or the Superintendent of Parks, as the Park Commission may direct, shall be ex-officio members of said Playground Commission.

The Commission is authorized and empowered to receive bequests and donations for children's playground purposes, and to expend moneys appropriated in the annual budget by the Board of Supervisors for the purchase of lands and for the equipment and maintenance of playgrounds.

This amendment will appeal to the citizens of the City and County of San Francisco as being in line with modern progress as exemplified in all the large Eastern cities of the United States, and, moreover, in the opinion of your committee, will provide for the direct control by a suitable commission of the recreation of children in congested districts.

DEPARTMENT OF PUBLIC HEALTH.

19. This amendment provides for a change in the composition of the membership of the Board of Health from that as at present constituted of five physicians, and the President of the Board of Public Works and the Chief of Police as ex-officio members, to that of two physicians and five laymen, and eliminates the President of the Board of Public Works and Chief of Police as

ex-officio members, and further provides that the term of office of its members shall be seven years, and that they shall be removed only by judicial proceedings under the penal code. This is permitted under a recent constitutional amendment, and it is believed will take the department out of politics.

The purpose of this amendment is to place in the hands of a mixed board, instead of a board of professional men, the conduct of the County Hospital and the Alms House and such other hospitals and institutions as may be controlled by the Board of Health.

Your Honorable Body has been petitioned to submit a proposal to amend the Charter by creating a Board of Hospital Trustees from various civic, labor and religious organizations of the City and County for the purpose of managing the County Hospital and the Alms House.

A Charter provision for the creation of a commission as petitioned for would be, in the opinion of your committee, in violation of the Constitution of the State of California, and as the real purpose hoped to be attained is the proper control and management of the City and County Hospital, your committee believes that the purpose will be effected through control by a mixed board, and that the harmony of the Charter provisions will not be disturbed.

PROVIDING FOR THE EXAMINATION OF SIGNATURES TO PETITIONS EMANATING FROM THE ELECTORATE.

20. This amendment provides for the proper examination and authentication by the Board of Election Commissioners of signatures subscribed to petitions to amend the Charter, and to submit ordinances.

The present Charter provisions governing the requisite percentum of signatures is retained, but the section is supplemented by requiring that petitions shall be prepared, signed, verified, and arranged as now required by section 1188 of the Political Code, which last named section requires that said petition must be fastened together, bound by precincts and arranged in the manner and form required for the arrangement, binding and fastening of original affidavits of registration. This will facilitate immeasurably the work of authentication and verification of signatures by the Registrar's office and will permit of none but genuine signatures to be ultimately affixed to petitions.

This amendment is suggested by Thomas V. Cator, member of the Board of Election Commissioners, and brings in harmony with the general registration laws the Charter of the City and County of San Francisco.

THE RECALL.

21. This amendment provides that the holder of any elected office may be removed at any time by the electors qualified to vote for a successor of such incumbent. The procedure provides that upon the filing of a petition with the Board of Election Commissioners, signed by at least forty per cent of the entire vote cast at the election at which any incumbent was elected, asking that said incumbent be removed, the Board of Supervisors, upon proper authentication and verification of signatures by the Election Commissioners, shall call a special election whereat shall be submitted to the people the question of removing or retaining in office the person whose recall is sought. The general language and procedure of the recall provision of the Los Angeles Charter is followed, in view of the fact that this measure has been passed upon by the courts.

Your committee reports adversely to and recommends the rejection by your Honorable Board of the following proposed amendments to the Charter:

INCREASING THE SALARIES OF MEMBERS OF THE POLICE DEPARTMENT.

1. A petition has been filed with your Honorable Board alleged to have been signed by 11,140 qualified voters of the City and County of San Francisco, praying that your Honorable Board submit a proposal to amend the Charter by increasing the salaries of members of the Police Department.

The said petition was duly referred by your Honorable Board to the Registrar of Voters for authentication of signatures thereto affixed, and said Registrar has reported to your Honorable Board that 3,499 of said signatures are not verified as required by law. This being the case, your committee regrets to state that in its opinion, in accordance with the requirements of the Constitution, your Honorable Board has no discretion other than to reject said proposal. Further, it is doubtful, under a strict reading of the law, whether or not said petition can be amended by adding thereto a sufficient number of verified signatures, in time to permit of the same being authenticated by the Registrar, and to give opportunity for the requisite advertising and interim subsequent thereto before the day of holding the election.

RELATING TO ANNUAL VACATIONS AND PAY FOR HOLIDAYS OF MUNICIPAL EMPLOYEES.

2. On August 22nd, 1904, there was filed with the predecessors of your Honorable Board a petition alleged to have been signed by fifteen per cent of the qualified voters, petitioning the Board of Supervisors to submit five certain Charter amendments relating to the office hours of public officers, to the annual vacation of municipal employees, to the closing of public offices at noon on Saturdays, to weekly half holidays for municipal employees, and to the pay of municipal employees for holidays, to a vote of the qualified electors.

Thereafter the Board of Supervisors ordered submitted the said amendments at the general election to be held in November, 1906.

The fire following the earthquake of April 18, 1906, destroyed said petitions, which were on file in the clerk's office of the Board of Supervisors, and at the general election held in 1906 the same were not submitted.

Now comes Edwin R. Zion, on behalf of the petitioners, and petitions your Honorable Board to submit at the next election to be held for Charter amendment purposes the said amendments as filed three years ago, and which have been destroyed by fire.

Your committee advises against such submission.

1st. On the ground of common sense, there having been no verification or authentication ever made of the signatures annexed to the petitions, and all evidence of the signatures being destroyed.

2nd. That the Constitution of the State of California, as construed in the case of Lubliner vs. Board of Supervisors of the City and County of San Francisco, contemplates the submission of any amendment so petitioned for, either at a special election called for the purpose, or at the next ensuing general election after the filing of such petitions.

As the Supreme Court of the State of California has held that municipal elections are general elections for Charter amendment purposes, and as no special election was called for this particular purpose, and as a municipal election was held in the year 1905, and a general State election was held in the year 1906, your committee is of the opinion that said petition has lapsed and is no longer of any force or effect.

SUNDRY PETITIONS.

3. Your committee recommends the denial of the following petitions to amend the Charter on the ground that they are not of sufficient public importance to warrant the departure from the general procedure outlined by the Charter, and in full force and effect during the past seven years and more, viz.:

1. Petition of the Board of Fire Commissioners to amend the Charter by providing that the repair of Fire Department buildings and structures shall be under the control of said Commissioners.

2. Petition of James Mulcahy, on behalf of himself and thirteen others, to increase the pensions of retired members of the old Fire Department.

3. Petition of Robert Munch and other civil engineers to prevent the City Engineer from making surveys of private property.

4. Petition of Merchants' Association of San Francisco to repeal subdivision 9 of section 9 of chapter 1 of article VI of the Charter, relating to the opening and tearing up of streets.

5. Petition of the Merchants' Association of San Francisco imposing a duty upon the members of the Police Department of reporting defects in streets.

USE OF PATENTED PAVEMENTS.

4. Your committee reports against the petition of the Merchants' Association of San Francisco to amend the Charter by providing for the use of patented pavements, on the ground that there is no immediate pressing need for permitting a patented street pavement to be advantaged, at the expense of other street pavements, now specified in the General Ordinances of the Board of Supervisors, and the use of which pavements, in the opinion of your committee, has permitted full, free and competitive bidding.

Your committee has considered this question very thoroughly, and although the proposed amendment apparently safeguards the matter of competitive bidding, in the use of patented pavements, nevertheless, it cannot but add to the burden of expense to the City and County, the patentee being able to regulate the price, despite any injunction contained in the Charter.

PROVIDING FOR THE APPOINTMENT OF POLICE JUDGES BY THE MAYOR.

5. Your committee reports against the petition of the Merchant's Association of San Francisco to amend the Charter by providing that the Judges of the Police Courts shall be appointed by the Mayor. These officials are now elected every four years by the people, and although it is the general policy of the Charter to place the control of the Municipal Government in the hands of the Mayor, nevertheless, it will be readily appreciated that if such control were given a venal man it would serve to build up and entrench a strong political machine, which is the policy, as we take it, of your honorable body to prevent.

Your committee has proposed amendments in conformity with its recommendations, which amendments are recommended for adoption and publication by your Honorable Board.

Your committee further recommends that the Board of Election Commissioners be instructed to place upon the ballot at the election to be held on Tuesday, November 5, 1907, the above mentioned proposals, in the manner of their presentation to your Honorable Board.

Dated August 26, 1907.

D. C. MURPHY,
MATT I. SULLIVAN,
THOMAS MAGEE,

Committee on Charter Amendments.

Thereupon the amendments to the Charter referred to in the foregoing report were formally introduced.

On August 27, 1907, the Board of Supervisors considered and adopted the following Charter amendments and ordered their submission to the electors at the ensuing general election on November 5, 1907.

CHARTER AMENDMENT NO. 1.

Entitled, "Describing and setting forth a proposal to the qualified electors of the City and County of San Francisco, State of California, to amend the Charter of said City and County by amending sections 10 and 12 of article XII, and section 29 of article XVI thereof, relating to bonds issued for the acquisition of public utilities and the character of such bonds, the registration thereof, and the levy of taxes to provide for the interest thereon and a sinking fund therefor, and to bonds issued for the acquisition of land or lands and the construction or acquisition of any permanent building or buildings, improvement or improvements, and the character and registration of such bonds and the proceedings for the issuance thereof."

CHARTER AMENDMENT NO. 2.

The amendment proposed by the committee was refused adoption and in its place was adopted the committee's amendment, No. 21, known as the recall, and which was amended by reducing the percentage of petitioners from forty to thirty. It was entitled, "Describing and setting forth a proposal to the qualified electors of the City and County of San Francisco, State of California, to amend the Charter of said City and County by adding to chapter 1 of article II thereof a new section to be numbered 23, relating to the recall of elected officers."

CHARTER AMENDMENT NO. 3.

Entitled, "Describing and setting forth a proposal to the qualified electors of the City and County of San Francisco, State of California, to amend section 12 of chapter I of article III thereof, relating to the apportionment of the income and revenue of the several funds and a provision for income to pay interest on the bonded indebtedness and provide for the sinking funds."

CHARTER AMENDMENT NO. 4.

Entitled, "Describing and setting forth a proposal to the qualified electors of the City and County of San Francisco, State of California, to amend the Charter of said City and County by amending section 2 of chapter III of article IV thereof, relating to the custody by the Treasurer of public funds and authorizing their deposit in certain banks upon certain terms and conditions."

CHARTER AMENDMENT NO. 5.

Entitled, "Describing and setting forth a proposal to the qualified electors of the City and County of San Francisco, State of California, to amend the

Charter of said City and County by amending section 21 of chapter I of article VI thereof, relating to contracts entered into by the Board of Public Works of the City and County, and bonds to be given in connection with the same, and the character, terms and conditions of such contracts, and permitting progressive payments to be provided for thereon, upon certain terms and conditions."

CHARTER AMENDMENT NO. 6.

Entitled, "Describing and setting forth a proposal to the qualified electors of the City and County of San Francisco, State of California, to amend the Charter of said City and County by amending section 2 of article V thereof, relating to the bonds of officers of the City and County."

This amendment, prior to its adoption, was amended by striking out the following words in the last paragraph of said proposal with reference to payment of premiums by the City and County: "In all cases where the amount of the official bonds fixed by this Charter exceeds ten thousand dollars" and by inserting in lieu thereof the following words: "In all cases of elective officers, officers appointed by the Mayor and officers whose bonds are fixed by the Charter."

CHARTER AMENDMENT NO. 7.

Entitled, "Describing and setting forth a proposal to the qualified electors of the City and County of San Francisco, State of California, to amend the Charter of said City and County by amending section 8 of chapter 1 of article III thereof, relating to the appropriation by the Supervisors of said City and County for urgent necessities not otherwise provided for by law."

CHARTER AMENDMENT NO. 8.

The following entitled proposal to amend the Charter arose upon petition of the electors, and it was not within the province of either the Board or the petitioners to change in any manner the wording of said petition, and under the requirements of the Constitution of the State of California the Board must order submitted said proposed amendment to the electors. The amendment was entitled, "Describing and setting forth a proposal to the qualified electors of the City and County of San Francisco, State of California, to amend the Charter of said City and County by amending chapters 8, 4, and 3 of article IX thereof, relative to the composition of the personnel of the companies of the Fire Department and the salaries and vacations of the members thereof."

CHARTER AMENDMENT NO. 9.

Entitled, "Describing and setting forth a proposal to the qualified electors of the City and County of San Francisco, State of California, to amend the Charter of said City and County by adding three new sections thereto, to be known as sections 14, 15 and 16 of article XII thereof, relating to the power of the City and County to acquire, operate, maintain, sell or lease public utilities, relating to the acquisition of lands for water purposes; and relating to the disposition of rents received from public utilities and the keeping of accounts relative to such public utilities."

CHARTER AMENDMENT NO. 10.

Entitled, "Describing and setting forth a proposal to the qualified electors of the City and County of San Francisco, State of California, to amend the Charter of said City and County by adding to chapter 2, article II thereof, a new section to be known and numbered as section '9,' relating to the sale of lands by the City and County."

Prior to its adoption the amendment submitted by the committee was amended in the following particulars:

(1) By striking out from the first paragraph of section 9 the words "Lands hereafter acquired for parks for children's playgrounds purposes," thus refusing power to sell such lands.

(2) By inserting after the word "sell" in the first paragraph of section 9 the words "All lands owned by the City and County between Ninth street and Eighteenth street lying in what was formerly Mission Creek," thus granting power to sell certain Mission Creek lands.

(3) By striking out the word "twelve" with reference to the number of Supervisors necessary to confirm sales of land, and by inserting in lieu thereof the word "fifteen."

CHARTER AMENDMENT NO. 11.

Entitled, "Describing and setting forth a proposal to the qualified electors of the City and County of San Francisco, State of California, to amend the Charter of said City and County by repealing section 20, chapter 3, article VI of said Charter, and by adding a new chapter to said article of said Charter, to be known and designated as chapter 6 thereof, all relating to the change or modification of street grades and the performance of street work in connection therewith."

CHARTER AMENDMENT NO. 12.

Entitled, "Describing and setting forth a proposal to the qualified electors of the City and County of San Francisco, State of California, to amend the Charter of said City and County by repealing sections Nos. 1 to 19, inclusive, of chapter 3 of article VI of said Charter, and by adding new sections to said chapter of said article of said Charter, to be known and designated as sections 1 to 19, inclusive, thereof, all relating to the opening, extending, widening, straightening or closing up of streets and the performance of street work in connection therewith, and the condemnation and acquisition of land and property necessary therefor."

CHARTER AMENDMENT NO. 13.

Entitled, "Describing and setting forth a proposal to the qualified electors of the City and County of San Francisco, State of California, to amend the Charter of said City and County by amending section 5 of Article I thereof, relating to the liability for damages of said City and County and its officials."

CHARTER AMENDMENT NO. 14.

Entitled, "Describing and setting forth a proposal to the qualified electors of the City and County of San Francisco, State of California, to amend the

Charter of said City and County by amending subdivision 11 of section 1 of chapter 3 of article VII thereof, relating to the leasing of real property of the School Department."

CHARTER AMENDMENT NO. 15.

Entitled, "Describing and setting forth a proposal to the qualified electors of the City and County of San Francisco, State of California, to amend the Charter of said City and County by amending subdivision 3 of section 1 of chapter 2 of article II thereof, relating to the powers of the Supervisors of said City and County to grant permits for spur or side tracks and running cars thereon on any public street or portion thereof within said City and County."

Prior to its adoption the amendment, as submitted by the committee, was amended by inserting after the words "subject to such regulations and conditions as may be prescribed from time to time by said Board of Supervisors;" with reference to the issuance of permits for spur tracks, the words, "such tracks to be used for transportation of freight only, and not to be used as a main line or a part thereof."

CHARTER AMENDMENT NO. 16.

Entitled, "Describing and setting forth a proposal to the qualified electors of the City and County of San Francisco, State of California, to amend the Charter of said City and County by amending section 2 of chapter 3 of article II thereof, relating to official advertising."

CHARTER AMENDMENT NO. 17.

Entitled, "Describing and setting forth a proposal to the qualified electors of the City and County of San Francisco, State of California, to amend the Charter of said City and County by amending subdivision 14 of section 1 of chapter 2 of article II thereof, relating to the regulation of telephone charges."

CHARTER AMENDMENT NO. 18.

Entitled, "Describing and setting forth an amendment to the Charter of the City and County of San Francisco, State of California, by amending section 1 of article XIV thereof, and by adding thereto a new article, to be known and numbered as article XIV-A, relating to children's playgrounds and public recreation centers outside of Golden Gate Park, and creating a Playground Commission."

Prior to its adoption the amendment submitted by the committee was amended by adding thereto, after the words "other than Golden Gate Park," the words "and the Mission Park," the purpose of such amendment being to preserve Golden Gate Park and Mission Park for park purposes solely.

CHARTER AMENDMENT NO. 19.

Entitled, "Describing and setting forth a proposal to the qualified electors of the City and County of San Francisco, State of California, to amend the Charter of said City and County by amending sections 1 and 2 of article X thereof, and section 18 of article XVI thereof, relating to the Department of Public Health."

Prior to its adoption the amendment submitted by the committee was amended in the following particulars:

(1) By striking out the entire concluding paragraph of section 2 of article X thereof, providing that the members of the Board of Health shall not be removed from office except under and pursuant to the provisions of the Penal Code of the State of California, and by striking out of said proposal section 18 of article XVI thereof in its entirety, said section qualifying the power of the Mayor to remove appointed officers for cause.

(2) By striking out the word "two" with relation to the number of physicians to be appointed on the Board of Health, and by inserting in lieu thereof the word "three."

CHARTER AMENDMENT NO. 20.

The amendment, as submitted by the committee, was refused adoption, and in lieu thereof the amendment originally proposed by the voters and rejected as having not been properly signed was substituted as an amendment proposed by the Supervisors. The amendment was entitled, "Describing and setting forth a proposal to the qualified electors of the City and County of San Francisco, State of California, to amend the Charter of said City and County by amending section 1 of chapter 5 of article VIII, and section 1 of chapter 6 of article VIII thereof, relative to the salaries of members of the Police Department."

CHARTER AMENDMENT NO. 21.

Entitled, "Describing and setting forth a proposal to the qualified electors of the City and County of San Francisco, State of California, to amend sections 2 and 3 of chapter 9, article IX of the Charter of said City and County, relative to the salaries of the Chief and the employees of the Department of Electricity."

Prior to the adoption of the two last amendments the committee on Charter Amendments submitted the following report in relation thereto:

SUPPLEMENTAL REPORT OF CHARTER AMENDMENTS COMMITTEE.

To the Honorable the Board of Supervisors
of the City and County of San Francisco:

Gentlemen—Your Charter Amendments Committee begs leave to present the following supplemental report with respect to the proposal to amend the Charter by increasing the salaries of the Chief of the Department of Electricity and the employees of said department, submitted by Supervisor Brenner, Chairman of the Electricity Committee of your Honorable Board.

Your committee has amended the proposal submitted in several particulars, by providing as follows:

(1) By fixing the salary of the Chief of the Department in the sum of three thousand (\$3,000) dollars per annum.

(2) By providing that the salaries of the employees of the Department shall be annually fixed by the Board of Supervisors.

(3) By providing that all employees of the Department shall be subject to the Civil Service provisions of the Charter, and by further providing that all persons heretofore appointed to said Department by the Civil Service Commission shall be confirmed in their appointments.

As amended, your committee recommends the submission to the people of said proposal.

With respect to the petition of members of the Police Department, reported adversely upon by your committee in its previous report, upon the ground that in the opinion of your committee there was no power under the Constitution and the Charter to order the submission of the same to the electors without the requisite fifteen per centum of verified signatures being affixed thereto, your committee begs leave to recommend, inasmuch as the petitioners are not permitted to amend their petition by adding additional names and by annexing affidavits thereto, that your Honorable Board consider the advisability of submitting the amendment to the electors of your own volition, on lines similar to that of the petition on file.

Your committee recommends that the "recall" proposal be given the last place on the ballot and that the proposal to amend the Charter with reference to the Department of Electricity or any other amendment that may be adopted by your Honorable Board precede said "recall." Respectfully submitted,

D. C. MURPHY,

Chairman, Committee on Charter Amendments.

VOTE ON THE AMENDMENTS.

The foregoing amendments were voted on at the regular general election on November 5, 1907, and all were adopted with the exception of amendment No. 16. The vote on the several amendments is given in full in the report of the Department of Elections in these reports.

The amendment defeated was as follows:

CHARTER AMENDMENT NO. 16.

Describing and setting forth a proposal to the qualified electors of the City and County of San Francisco, State of California, to amend the Charter of said City and County by amending section 2 of chapter 3 of article II thereof, relating to official advertising.

The Board of Supervisors of the City and County of San Francisco hereby submits to the qualified electors of said City and County, at the general election to be held therein on the 5th day of November, 1907, a proposal to amend the Charter of said City and County by amending section 2 of chapter 3 of article II thereof, to read as follows:

Section 2. All contracts for official advertising shall be let annually in like manner by the Supervisors to the lowest responsible bidder publishing a daily newspaper in the City and County which has a bona fide daily circulation of at least two thousand copies, and has been in existence at the time of letting such contract for at least two years. In inviting proposals therefor, such advertising shall not be classified and no proposal shall be acted upon which offers to do such advertising at different rates for different portions thereof.

Such advertising shall be construed to mean the advertising and publication of all official reports, orders, ordinances, messages, resolutions, notices inviting proposals and all notices of every nature relating to City work. No part or kind of such advertising shall be charged or contracted for at a higher rate than any other part or kind of the same character or contracted for, except in the case of the delinquent tax list.

The newspaper to which the award of such advertising is made shall be known and designated as the "Official Newspaper."

The advertising of the delinquent tax list shall be let to the lowest responsible bidder on a separate bidding from all other official advertising.

No board, department or officer shall make any publication which is not expressly authorized by this Charter or by the Supervisors.

APPROVAL OF AMENDMENTS BY THE LEGISLATURE.

The Governor of the State being about to convene the Legislature in extraordinary session, resolutions were adopted asking His Excellency to include in his call for such session propositions to approve the amendments to the Charter of the City and County of San Francisco.

The resolutions requesting such action by the Governor are as follows:

Whereas, For the reconstruction of the public property of San Francisco there is needed a larger sum of money than can be obtained by direct taxation within the limits of the Charter, and

Whereas, There is urgently needed the installation of an auxiliary water system for fire protection, the cost of which can be borne only through an issue of bonds, and

Whereas, In the present state of the financial market bonds cannot be sold even at the maximum rate permitted by the Charter, namely four per cent, and

Whereas, For the above named purposes it is necessary that the Charter of the City and County of San Francisco be amended in such a way as to permit of the issuance of bonds of a higher rate than permitted by the present Charter, and

Whereas, No amendments can be adopted until 1909, unless the State Legislature be called in special session for the approval of Charter amendments, therefore be it

Resolved, That the Board of Supervisors of the City and County of San Francisco, with the approval of His Honor, the Mayor, petition His Excellency, the Governor, to call the Legislature in special session as soon as practicable in order that amendments submitted to and ratified by the people on the 5th of November, 1907, may be presented to the Legislature for approval.

Adopted November 11, 1907.

Whereas, The Legislature of the State of California has been convened in extraordinary session on date of November 19, 1907; and

Whereas, In the proclamation of His Excellency, the Governor, calling said session, but four amendments to the Charter of the City and County of San Francisco were incorporated, although in the opinion of this board the approval by the Legislature of all amendments ratified by the people at the recent election is essential to the material progress and well-being of this City and County; and

Whereas, It is within the province of His Excellency to issue a supplementary call for an extraordinary session of the Legislature which may include the sixteen amendments to the Charter of the City and County of San Francisco, ratified by the people on the 5th day of November, 1907, and not included in the original call of the Governor; now, therefore, be it

Resolved, That the Board of Supervisors of the City and County of San Francisco hereby petitions His Excellency, the Governor, to issue a supplementary call for a special session of the Legislature, and to include in said call all of the amendments to the Charter of the City and County of San Francisco not included in the original proclamation.

Adopted November 18, 1907.

The Governor acceded to the requests above made and the propositions were included in the calls for the extra sessions. The amendments were submitted to the Legislature for its approval and such approvals were given. The amendments thus approved will be found in full in the statutes of the special session, 1907.

Matter of Lyon Street Opening

On December 19, 1908, the Supreme Court of the State of California rendered a decision in the case of Rudolph Hermann & Co., a corporation, vs. The City and County of San Francisco (Cal. Dec., p. 513). The plaintiff sought to enjoin the Board of Public Works from removing certain structures upon property claimed by it which was occupied as a recreation and picnic park and a shooting range. The City claimed that the land occupied by the Rudolph Hermann Company was a portion of Lyon street. This contention of the City was opposed by the plaintiff, which claimed the property as its own. The facts in the case are these: In 1850 President Fillmore made an order reserving for military purposes a tract including with the present Presidio Reservation the lands lying between it and Fort Mason Reservation. Subsequently the Government relinquished to those in possession land lying between the Presidio Reservation and the Fort Mason Reservation, and among those in possession was Rudolph Hermann, the predecessor in interest of plaintiff. Various lines were established by the United States Army officers as the easterly line of the Presidio, among them one describing the line as running parallel with the westerly line of Larkin street. Another line was established running due north and south. Rulings were made by the Department of the Interior approving both lines, the final ruling being made establishing the line running due north and south. Subsequently, in 1876, Congress passed an act establishing the easterly line of the Presidio eighty feet west of the line then established, and the Army officials built the present Presidio wall on this line. By this act Congress relinquished the eighty feet for the purpose of providing the City with a street from Pacific avenue to the bay, known as Lyon street, upon the condition that the City should always keep the said street open to the bay. The Rudolph Hermann Company occupies a portion of said street near the northerly end, and claimed that the street should be in a northwesterly direction parallel with Larkin street, and not due north and south. When the Board of Works, in 1903, sought to remove the obstructions in the street, a temporary injunction was secured by the plaintiff, which was dissolved and a permanent injunction refused after a full hearing of the case by Superior Judge Sloss on December 13, 1905, the City being represented by the then City Attorney, Percy V. Long. In March, 1906, the plaintiff appealed to the Supreme Court of the State of California, and upon his return to the office of City Attorney in January, 1908, Mr. Long was called upon to prepare a brief and present the matter to the Supreme Court, which was done in July, 1908. The court in its decision decides "the strip of land eighty feet wide immediately east of the new line located in pursuance of the Act of 1876, was effectually dedicated as a public street and could not be alienated by the City. The City had ample authority to clear obstructions from this territory and open it up so as to make it possible for public travel."

This decision is of vast importance to property owners situated in the neighborhood of Lyon street from Pacific avenue to the bay, for the reason that their titles have been cleared on account of the controversy arising from the question of the true easterly line of the Presidio. Title companies have refused to insure the titles for the reason that the Federal Government could at any time take advantage of the failure of the City to keep the street open in accordance with the provisions of the grant from Congress.

REFERENCES.

An Act to relinquish the interests of the United States in certain lands to the City and County of San Francisco, in the State of California.—Approved May 9, 1876.

Resolution No. 13,990 (Third Series) of the Board of Supervisors, accepting the provisions of the foregoing Act and extending Lyon street to the bay and that the following streets be extended to intersect with Lyon street as thus extended, viz.: Broadway, Vallejo, Green, Union, Filbert, Greenwich, Lombard, Chestnut, Francisco, Bay, North Point, Beach, Jefferson, Tonquin and Lewis.—Adopted March 16, 1896.

Resolution No. 2,646 of the Board of Supervisors, directing the City Attorney to take appropriate proceedings to determine the location of Lyon street and to cause to be removed all obstructions therefrom.—Adopted May 19, 1902.

Resolution No. 2,647 of the Board of Supervisors, appropriating \$6,500 for the purpose of purchasing and condemning necessary lands (known as "Miranda Grant") embraced in Lyon street for its opening and extension.—Adopted May 19, 1902.

Resolution No. 2,890 of the Board of Supervisors, requesting the Board of Public Works to make survey of that portion of Lyon street granted to the City by Act of Congress of 1876, and to report a list of obstructions within the lines surveyed.—Adopted August 11, 1902.

Resolution No. 3,067 of the Board of Supervisors, requesting the City Attorney to take such action as will cause the removal of obstructions from Lyon street and the ejection of trespassers therefrom.—Adopted December 26, 1902.

Resolution No. 3,404 of the Board of Supervisors, denying the petition of R. Hermann that the Board memorialize Congress to establish the easterly line of the Presidio Military Reservation as running northerly and parallel with Larkin street.—Adopted February 24, 1903.

Opinion of Franklin K. Lane, City Attorney, in response to Resolution No. 2,646.—Opinions of Franklin K. Lane, page 721.

A Financial Review of the Relief Work in San Francisco

In the Municipal Reports for the year 1906-1907 there was given a history of the work of the Relief Committee immediately subsequent to the fire of April, 1906.

The work of relief was administered by the "San Francisco Relief and Red Cross Funds," a corporation organized for the receipt and disbursement of all funds contributed for the relief of the people of San Francisco.

The relief of San Francisco came from three sources:

First.—Relief supplies.

Second.—The Congressional appropriation.

Third.—Direct contributions and those received through the American National Red Cross and its branches.

The relief work itself is divided into two periods of operation:

First.—The emergency period, during and immediately subsequent to the catastrophe, April, May, June and July, 1906.

Second.—The period of permanent organization, dating from August 1, 1906, to November 30, 1908, and covering the activities of the San Francisco Relief and Red Cross Funds, a corporation.

RELIEF SUPPLIES.

It has been found impossible to collect data on the quantity and kind of relief supplies shipped into San Francisco during and immediately subsequent to the fire. In a general way it may be stated that approximately 1,850 carloads of food supplies and 150 carloads of clothing, bedding, tenting, etc., were shipped to the stricken city. The corporation has not in its possession records showing all the shippers, but, by co-operation with the transportation companies, can prove delivery of any shipment of relief supplies.

THE CONGRESSIONAL APPROPRIATION.

The Congressional appropriation of \$2,500,000 was disbursed entirely by and under the direction of the officers of the United States Army, Headquarters Pacific Division. In a general way it may be stated that this money was expended for bedding, tenting and medical supplies, their transportation to San Francisco, for the movement of troops and for the operation and maintenance of relief camps under the jurisdiction of the United States Army and Naval officials, including food, clothing and sanitary work, for both refugees and troops.

DIRECT SUBSCRIPTIONS AND THOSE RECEIVED THROUGH THE AMERICAN NATIONAL RED CROSS AND ITS BRANCHES.

The sum of \$8,407,873.34 has been received by the Relief Corporation and the American National Red Cross, as appears from the following financial reports (Schedule 1.)

The original subscriptions to funds for the relief of San Francisco aggregated approximately nine million dollars, but a considerable amount was diverted to other channels, notably \$50,000 by the American National Red Cross in Washington to the relief of sufferers from the Italian earthquake (1908), \$10,000 by the Chamber of Commerce in Los Angeles for the relief of sufferers from the Chilian earthquake (1906), minor amounts (balance) not forwarded to San Francisco, but diverted for various charitable purposes in the communities where the money was originally raised, and finally the sum of \$100,000, part of the subscriptions to the Massachusetts Association for the Relief of California, which amount was diverted to the Regents of the University of California for the establishment of a "Massachusetts Ward" in the University of California Hospital.

RELIEF WORK

EMERGENCY PERIOD.

The extent of the fire and the damage done, not only in San Francisco, but in near-by points, was such that, for the first ten days, anything like a complete and coherent plan of relief was absolutely out of the question. Panic was prevented by the splendid co-operation of the military and civil authorities, aided by unselfish citizens, who sacrificed their own property for the general good.

All means of telegraphic communication ceased at about eight o'clock on the morning of April 18th, and, for the first few days, the energies of the entire city were devoted to fighting the fire. The thousands that were rendered homeless made their way to the western part of the city, to nearby points across the bay, and to the south, but a vast population was unable to leave the city, and food, shelter, and clothing had to be procured for these people. Under orders of the civil authorities, the Committee of Fifty and its sub-committees were authorized to purchase, seize or confiscate food and clothing, and, under the direction of the National Guard of the State of California and the United States Army stationed in various parts of the city, similar action was taken. Additionally to these authorized relief workers, there were many independent relief organizations acting under their own authority supplying the wants of the refugees who came into their immediate neighborhood.

During the ten days immediately subsequent to April 18th it was impossible for any one to purchase supplies. Most of the warehouses containing food supplies were lost in the fire. The warehouses that were saved were seized by the authorities to feed the population. The financial district was a mass of ruins. There was no money, and rich and poor alike were compelled to stand in the bread line for the purpose of getting food.

The problem of food was the most important, but not the only one. Many of the inhabitants of the city were compelled to leave their homes with scanty clothing, and a period of several days' inclement weather added much to the suffering of all.

In the burnt district, which faced the water front and extended nearly two miles, the streets were impassable, and one of the most important duties devolving on the Committee of Fifty was the clearing of the streets for the purpose of facilitating transportation.

The homeless refugees proceeded to build such temporary shelter on vacant lots and in the parks as they could. For this purpose materials taken from lumber yards, houses in the course of construction, advertising fences, etc., were freely used. Although a large number of tents were shipped into the town, these, in the very nature of things, arrived after a delay of a week to ten days or more.

During the remaining days of April and all of May efforts were made to bring the many independent relief organizations, the work under the direction of the Committee of Fifty, under the direction of the National Guard, and under the direction of the United States Army into one coherent whole.

The supplies that were purchased, seized and confiscated by the various relief authorities and such as were taken by refugees without permission are the foundation for the eleven thousand emergency claims which were presented. The bills incurred were called "claims" by the accountants in charge because it was impossible at that time to have a system of purchase. Therefore, practically all of the expense of feeding, sheltering, clothing and transporting the refugees, as well as the expense on account of sanitation, restoration of water supply, the construction and operation of relief sections, assistance to municipal departments, is covered by claims which were settled with claimants in the aggregate sum of \$1,434,250.61, as appears on Schedule 11 of the financial report herewith.

All claims were investigated by a supervising committee consisting of Allan Pollok, chairman, and Messrs. F. W. Van Sicklen, A. Haas, Wm. Cluff, J. Solomon, Nathan Bibo, R. B. Hale, L. P. Lowe, W. L. Harvey, D. Samuels, R. D. McElroy, Edward Heller, W. F. Williamson and representatives of Sussman, Wormser & Co., Tillman & Bendel and many other representative business men in various lines. The corps of clerks of the Supervising Committee was under the direction of Mr. J. W. Finn as chief clerk.

After the incorporation of the Finance Committee, a Judicial Committee was appointed consisting of Allan Pollok, chairman, and Messrs. H. U. Brandenstein, J. C. McKinstry, F. W. Van Sicklen, Vanderlynn Stow, with Thomas J. Walsh as chief clerk. None of the claims passed by the committee were for damages by fire or earthquake. In most of the claims the goods were billed at cost price, and claimants generally consented to cuts in their claims from 10 to 50 and in some cases 60, 70 and 80 per cent, treating the deduction as their donation to the relief fund.

THE EXPERIMENTAL PERIOD.

The experimental period practically covers the months of May, June and July, 1906. The general relief work was divided into seven sections (geographical divisions) of the city, subdivided into numerous relief stations carried on under the direction of the Army. Anticipating the withdrawal of the United States Army from all relief work, the Finance Committee appointed a Relief Commission consisting of Dr. Edward T. Devine, chairman, Col. George H. Pippy and Edward F. Moran to take over the camps and problems of sheltering, clothing and feeding the refugees. This left the question of rehabilitation, permanent shelter, employment, care of sick and general rehabilitation of the city under the jurisdiction of the Finance Committee and such sub-committees as it might appoint.

Conditions in the city were still most difficult. The unsettled conditions with reference to the insurance situation forced many into the camps who had previously been able to hold their own.

The threatened withholding of funds subscribed to the relief of San Francisco did much to complicate matters and to hamper the work of the Finance Committee, and therefore of other committees.

Hastened by the resignation of Dr. Devine, due to his engagements in New York, and realizing the ineffectiveness of the experiment, the Relief Commission resigned its work in the latter part of July. Col. Pippy contributed his month's salary, \$500.00, to the subscription fund, Dr. Edward T. Devine having served as a volunteer member.

Members of the Finance Committee and others interested in the welfare of San Francisco were making every effort to devise a system for the successful operation of the relief work, and on July 20th, 1906, the Finance Committee of the Relief and Red Cross Funds was incorporated as the San Francisco Relief and Red Cross Funds, a corporation, with the following twenty-one directors and an Executive Committee of five.

Board of Directors: The Governor of California, the Mayor of San Francisco, Horace Davis, M. H. de Young, F. W. Dohrmann, O. K. Cushing, vice F. G. Drum, J. Downey Harvey, I. W. Hellman, Jr., Wm. F. Herrin, Rufus P. Jennings, H. E. Law, Thomas Magee, Garret McEnerney, Hon. W. W. Morrow, Chas. S. Wheeler, Jas. D. Phelan, Allan Pollok, Rudolph Spreckels, F. S. Stratton, Charles Sutro, Jr., Jos. S. Tobin.

Officers: Jas. D. Phelan, President; F. W. Dohrmann, Vice President; Wm. F. Herrin, Second Vice President; J. Downey Harvey, Secretary.

Executive Committee: Jas. D. Phelan, Chairman, Finance and Publicity; M. H. de Young, Bills and Demands; F. W. Dohrmann, Relief and Rehabilitation; Rudolph Spreckels, Camps and Warehouses; Thomas Magee, Lands and Buildings.

DEPARTMENT A—FINANCE AND PUBLICITY.

James D. Phelan, Chairman.

Lester Herrick & Herrick.....General Auditors
 William Dolge Auditor
 Gray & Cooper Attorneys

DEPARTMENT B—BILLS AND DEMANDS.

M. H. de Young, Chairman.

Thos. J. Walsh.....Chief Clerk

DEPARTMENT C—CAMPS AND WAREHOUSES.

Rudolph Spreckels, Chairman.

Dr. R. G. Brodrick.....Executive Officer
 G. S. McCallum.....Commander Camp No. 6—Speedway
 W. D. Scurlock.....Commander Camp No. 9—Lobos Square
 M. F. Joy.....Commander Camp No. 10—Nineteenth and Minnesota
 W. R. Dorr, M. D.....Commander Camp No. 13—Franklin Square
 E. Holst.....Commander Camp No. 16—Jefferson Square
 F. W. Franklin.....Commander Camp No. 20—Hamilton Square
 F. Frank.....Commander Camp No. 21—Washington Square
 E. C. Johnson.....Commander Camp No. 23—Precita Park
 H. Comfort.....Commander Camp No. 24—Columbia Square
 G. L. Painter, M. D.....Commander Camp No. 25—Richmond
 J. A. Slark.....Commander Camp No. 28—South Park
 H. J. Schlageter, M. D.,.....Commander Camp No. 29—Mission Park
 E. W. Alexander, M. D.....Commander Camp No. 30—Portsmouth Square
 C. M. Wollenberg.....Commander Ingleside Model Camp, and Relief Home

DEPARTMENT D—RELIEF AND REHABILITATION.

F. W. Dohrmann, Chairman.

Miss Katherine C. Felton.....	Superintendent
Harry R. Bogart.....	Assistant Superintendent
C. J. O'Connor.....	Assistant Superintendent
J. Wilson Shiels, M. D.....	Superintendent Bureau of Hospitals
W. J. Hawkins, M. D.....	Assistant Superintendent
Herbert Gunn, M. D.....	Superintendent Bureau of Special Reliefs
Miss Lucile Eaves.....	Superintendent Industrial Bureau

SUB-COMMITTEES OF REHABILITATION COMMITTEE.

Temporary Aid and Transportation.—O. K. Cushing, Chairman; Mrs. C. Clivio, Secretary; Rev. J. B. Hannigan, Miss Hilda Steinhart, Miss Virginia Fitch.

Unsupported or Partially Supported Families.—Rev. John C. Emery, Chairman; A. Haas, Vice Chairman; Mrs. A. W. Scott, Mrs. John F. Merrill, Mrs. E. S. Heller, Mrs. Max Sloss.

Aged and Infirm, Unsupported Children and Friendless Girls.—Dr. John Gallwey, Chairman; Father McGinty, Vice Chairman; Miss Mary Kidder, Secretary; Miss Hilda Steinhart, Mrs. E. A. Bresse, Mrs. Beaver.

Housing and Shelter.—Rev. D. O. Crowley, Chairman; Miss Lucy Hartnett, Secretary; Miss Alice Griffith, Dr. A. A. D'Aucona, Mr. J. C. Queen.

Confidential Cases.—Rev. John E. Emery, Chairman; Mrs. Isabel H. Raymond, Secretary; Mrs. M. Esberg, Mrs. E. R. Dimond, Rev. Cecil Marrack, Judge Ralph C. Harrison, Mrs. Norman McLaren, Miss Jean Parker, Rev. Bradford Leavitt, Judge J. V. Coffey.

Rehabilitation in Business.—Mr. Chas. F. Leege, Chairman; Miss Helen Swett, Secretary; Mrs. B. Paulsen, Mr. A. Haggeman, Father Tobin.

Furniture Applications.—Mrs. I. Raymond, Miss Helen Swett.

DEPARTMENT E—LANDS AND BUILDINGS.

Thomas Magee, Chairman.

Alexander Mackie.....	General Manager
Oscar Cooper.....	Attorney

Under the direction of the five department chairmen and their executive officers the work of relief was prosecuted vigorously beginning August 1, 1906. The Department of Camps and Warehouses, Dr. R. G. Brodrick, Executive Officer, took over fifteen camps, two of which were barracks, the rest tent camps. The camp population, July 2d, 1906, was reported at 17,499, but this does not include the population of the irregular camps, estimated at 15,000, not under the care and jurisdiction of the Camp Department. On July 31st, 1906, 20,867 meal tickets were issued, and by September 10th, 1906, the work had progressed so well, local conditions were so much improved, that the last food kitchen was closed.

In October, 1906, a model camp for aged and infirm was established at Ingleside Race Track, in which 500 to 700 aged indigents were accommodated until their removal to the new Relief Home, in February, 1908.

Beginning during the latter part of September, 1906, the tent camps were abandoned one by one, and the refugees transferred to the cottage camps (see Schedule 4). For these cottages tenants paid monthly installments of \$4.00 and \$6.00. The Park Commission demanded all parks cleared by August 17th, 1907. The evacuation began as early as May, but was not finally completed until December, 1907. Tenants who removed their cottages to land owned, purchased or leased by them were given the cottage and all the money which they had paid on installments (see Schedule 4). Through moneys advanced to the Associated Charities this society in many cases installed plumbing and sanitary devices, supplied lumber and shingles, and gave refugees other valuable assistance in their new homes.

The camp cottages above mentioned and the Relief Home were constructed by the Land and Building Department, under the direction of Alexander Mackie as general manager. The magnitude of this undertaking, the construction of 5938 cottages under conditions obtaining in the fall of 1906 can hardly be over-estimated. Additionally the construction of the Relief Home—formally dedicated to the city with appropriate ceremonies on August 4th, 1908—occupied this department and the distribution of approximately \$490,000.00 building bonus money, being bonuses of one-third of the cost of dwellings erected in the burnt district, but no individual applicant received more than \$500.

The Department of Relief and Rehabilitation, with Miss Katherine C. Felton as Superintendent of Investigation; Dr. Herbert Gunn, Bureau of Special Relief; Miss Lucile Eaves, Industrial Bureau; Rev. D. O. Crowley and Alice S. Griffith, Housing Committee, and a large corps of volunteer workers, passed upon more than 27,500 applications for relief and rehabilitation. Of these over 22,000 were acted upon favorably. The Bureau of Special Relief assisted approximately 5,000 persons, supplying immediate relief, food, shelter, clothing, medical care, etc., as needed. The activities of the Industrial Bureau were confined to the camps, where sewing classes were established and materials supplied as well as instruction given. The Housing Committee assisted worthy applicants in the construction of 1,382 houses by loaning part, or all, or by paying outright part of the cost. This for buildings outside of the burnt district.

The Department of Bills and Demands, Thos. J. Walsh, Chief Clerk, passed upon claims presented from time to time. The department activities virtually ceased in the spring of 1907, at which time Mr. Walsh became secretary of the Executive Committee.

General administration, financial and publicity matters were under jurisdiction of James D. Phelan, Chairman, and the Auditor, William Dolge, C. P. A., representing the firm of Lester Herrick & Herrick, Certified Public Accountants, who installed the accounting system. A continuous audit has been maintained. It will be noted that the entire administration expense for the period of August 1st, 1906, to November 30th, 1906, is less than 2 3/100 per cent of the disbursements, not including those made to hospitals, charitable institutions and the Associated Charities, nor the handling of the installments paid by and refunds made to refugees.

Briefly the work of the Relief Corporation is summarized in the following financial report:

San Francisco, Cal., December 10, 1908.

Honorable James D. Phelan,
President San Francisco Relief and Red Cross Funds,
A Corporation, San Francisco, Cal.

Dear Sir:—We beg to hand you herewith a condensed report of the receipts and disbursements of the Finance Committee of the Relief and Red Cross Funds and the San Francisco Relief and Red Cross Funds, a corporation, covering the period from organization on April 23, 1906, to the close of business on November 30, 1908, together with our certificate of audit.

With reference to the previous reports which have been issued, particularly those dated November 17, 1906, and March 16, 1907, it will be noted that the classification of the receipts and disbursements in this report vary somewhat from the classifications in the prior reports. This variation is caused by the fact that directly after the catastrophe the entire functions and future operations of the then Finance Committee were indefinite, and it has been advisable at this time to reclassify the segregated accounts of the disbursements, which it was at all times necessary to maintain, so that this report would be uniform in all respects.

The statements in analysis of the various items included in this report are now practically complete and will be ready for presentation to you in the very near future. These statements exhibit the composition of the various receipts and disbursements in the greatest detail and have as their object the elimination of any possible question as to the disposition of the funds.

Faithfully yours,

(Signed) LESTER HERRICK & HERRICK,
Certified Public Accountants.

CERTIFICATE OF AUDIT.

We have audited the accounts of the Finance Committee of the Relief and Red Cross Funds and of its successor, the San Francisco Relief and Red Cross Funds, a corporation, from the beginning of business on April 23, 1906, to the close thereof on November 30, 1908. We have verified from the basis of numbered receipts, issued to all subscribers, that all funds received have been properly brought into account, and find additionally that, so far as we have received information, all moneys claimed to have been remitted have been received. We find that all disbursements have been made under the authority of either the Finance Committee or the Board of Directors and that they are fully supported by proper vouchers on file in office. We have separately audited the accounts of Departments "D" and "E," which were separately maintained, and find them to be in order, and further that they have now been correctly brought into the general accounts. We have verified that all funds called for by the accounts at November 30, 1908, are properly in the possession of the corporation by certificates from the depositories. We have satisfied ourselves of the accuracy and integrity of the accounts in all respects and certify that the accompanying statement of receipts and disbursements has been properly prepared therefrom.

(Signed) LESTER HERRICK & HERRICK,
Certified Public Accountants.

San Francisco, California, December 10, 1908.

SAN FRANCISCO RELIEF AND RED CROSS FUNDS, A CORPORATION.
CASH RECEIPTS AND DISBURSEMENTS.

From the organization of the Finance Committee of the Relief and Red Cross Funds on April 23, 1906, to the close of business of the succeeding corporation on November 30, 1908.

RECEIPTS.

General subscriptions	Schedule No. 1	\$8,407,873 34	
San Francisco subscriptions.....	Schedule No. 2	413,090 83	
Sale of surplus supplies and other receipts	Schedule No. 3	323,473 87	
Installments upon the sale of refugee cottages	Schedule No. 4	117,521 50	
Care of inmates of the City and County Almshouse	Schedule No. 5	51,684 30	
Interest and exchange	Schedule No. 6	91,073 01	
Loans repaid	Schedule No. 7	76,024 90	
Rentals of administration build- ing		8,000 10	
Sale of gas to camp tenants.....	Schedule No. 9	7,320 75	
Deposits by applicants for the partial defrayment of the cost of permanent homes....		57,073 16	\$9,553,140 76

DISBURSEMENTS.

Period of preliminary organi- zation, April 23, 1906, to July 31, 1906.....	Schedule No. 11	\$2,172,642 98	
Period of permanent organiza- tion, August 1, 1906, to November 30, 1908.....	Schedule No. 12	6,144,117 01	
Donations for the relief and rehabilitation of hospitals and charitable institu- tions	Schedule No. 13	576,418 43	
Donations for relief through the Associated Charities of San Francisco		122,241 84	
Refunds of installments on cot- tages	Schedule No. 4	109,373 00	
Cost of gas sold to camp ten- ants	Schedule No. 9	8,030 25	
Special secured loans	Schedule No. 15	23,050 00	\$9,155,873 51
Balance of funds on hand.....	Schedule No. 16		\$ 397,267 25

ANALYSIS OF CASH RECEIPTS AND DISBURSEMENTS.

SCHEDULE NO. 1.

General subscriptions		\$8,407,873 34	
	Direct.	Through Am. Nat. Red Cross.	Total.
Totals	\$5,587,868 34	\$2,820,005 00	\$8,407,873 34
Alabama	21,706 53	559 91	22,266 44
Alaska	19,937 56		19,937 56
Arizona	29,644 91		29,644 91
Arkansas	5,500 47	155 00	5,655 47
California (except San Fran- cisco)	265,041 91		265,041 91
Colorado	18,469 89		18,469 89
Connecticut	45,221 33	125,212 30	170,433 63
Delaware	5,271 50	19,510 10	24,781 60
District of Columbia	15,580 64	76,862 47	92,443 11
Florida	20,515 38	8,811 57	29,326 95
Georgia	38,132 08	3,879 87	42,011 95
Hawaii	27,049 46		27,049 46
Idaho	16,753 92		16,753 92
Illinois	489,165 86	162,490 79	651,656 65
Indiana	85,080 08	44,944 34	130,024 42
Indian Territory	770 18	114 91	885 09
Iowa	81,107 98	13,546 41	94,654 39
Kansas	8,521 20	533 74	9,054 94
Kentucky	5,062 39	20,633 50	25,695 89
Louisiana	12,191 64	13,143 00	25,334 64
Maine	31,440 83	6,271 46	37,712 29
Maryland	660 62	130,412 44	131,073 06
Massachusetts	*608,468 89	86,785 41	695,254 30
Michigan	106,063 90	72,977 69	179,041 59
Minnesota	76,445 46	3,562 95	80,008 41
Missouri	35,159 14	264,487 72	299,646 86
Mississippi	6,350 19	139 00	6,489 19
Montana	21,198 61	1 50	21,200 11
Nebraska	16,454 94	744 90	17,199 84
Nevada	17,109 60		17,109 60
New Hampshire	16,462 57	15,022 46	31,485 03
New Jersey	152,740 11	57,335 68	210,075 79
New Mexico	6,898 20	419 00	7,317 20
New York	1,573,385 63	1,266,851 82	2,840,237 45
North Carolina	10,575 92	1,817 89	12,393 81
North Dakota	4,872 91	1,819 68	6,692 59
Ohio	113,951 51	167,889 06	281,840 57
Oklahoma	1,830 02	5 00	1,835 02
Oregon	74,221 29		74,221 29
Pennsylvania	745,764 26	222,723 29	968,487 55
Rhode Island	14,633 08	89,414 81	104,047 89
South Carolina	16,713 99	2,125 13	18,839 12
South Dakota	7,803 05	694 50	8,497 55
Tennessee	38,876 82	165 23	39,042 05

*This does not include \$100,000.00 remitted to F. W. Dohrmann for transfer to the University of California Hospital to provide free beds for refugees and indigents.

FINANCIAL REVIEW RELIEF WORK

1321

Texas	42,925 09	32,324 69	75,249 78
Utah	47,989 12		47,989 12
Vermont	2,801 60	8,731 62	11,533 22
Virginia	45,305 65	2,618 12	47,923 77
Washington	132,443 92	420 50	132,864 42
West Virginia	9,948 72	7,654 18	17,602 90
Wisconsin	64,926 74	21,133 16	86,059 90
Wyoming	2,867 74	3,227 35	6,095 09
Chain	218 01		218 01
Unknown and unlocated.....	397 70	211 25	608 95
U. S. Navy	2,778 92	90 00	2,868 92
Phillipine Islands		8,597 50	8,597 50
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Total of the United States, except San Francisco.....	\$5,261,409 66	\$2,967,072 90	\$8,228,482 56
Austria		\$ 50 00	\$ 50 00
Australia	\$ 385 96		385 96
Belgium	50 00		50 00
Canada	145,097 15	305 50	145,402 65
Cape Colony		464 00	464 00
Ceylon		32 33	32 33
Cuba	5 00	729 30	734 30
China	40,000 00		40,000 00
England	6,522 58	48 30	6,570 88
France	20,850 00	385 08	21,235 08
Germany	50 00		50 00
Japan	98,960 10	146,000 00	244,960 10
Mexico	14,286 44	193 87	14,480 31
Prince Edward Isle.....		10 00	10 00
Russia	51 45	147 57	199 02
Scotland		50 40	50 40
United States of Colombia....	200 00		200 00
	<hr/>	<hr/>	<hr/>
	\$5,587,868 34	\$3,115,489 25	\$8,703,357 59
Amount retained at Washington by the Am. Nat. Red Cross....	\$ 255,747 32		
Reported expenditure by Am. Nat. Red Cross for relief of San Francisco	39,736 93	\$ 295,484 25	\$ 295,484 25
<hr/>			
Amounts received at San Fran- cisco	\$5,587,868 34	\$2,820,005 00	\$8,407,873 34

SCHEDULE NO. 2.

San Francisco subscriptions		\$413,090 83
American-Hawaiian Steamship Co.....	\$ 10,000 00	
American Steel & Wire Co.....	8,000 00	
Arnstein, Simon & Co.....	250 00	
Balfour, Guthrie & Co.....	5,000 00	
Barbat, Dr. J. H.....	6 75	
Bartlett, Edgar H.....	50 00	
Bartnett, W. J.....	1,000 00	
Beaver, Fred H.....	500 00	
Blanding, Gordon	10,000 00	
Bourn, W. B.....	2,000 00	
Brandenstein, M. J. & Co.....	1,000 00	
Breeden, H. C.....	500 00	
Brown, J. Dalzell.....	1,000 00	
Canadian Bank of Commerce, \$25,000; less expenditure reported, \$2,500.00.....	22,500 00	
Carolan, Frank J.....	5,000 00	
Castle Bros.....	500 00	
Condon, Miss L. H.....	80 00	
Continental Building & Loan Association.....	500 00	
Cooper, Hon. J. A.....	500 00	
Countryman, R. H.....	500 00	
Cowell Lime & Cement Co.....	5,000 00	
DeBell, H. H.....	26 00	
De Young, M. H.....	1,000 00	
Dingee, William J.....	5,000 00	
Drum, Frank G.....	1,000 00	
Fay, Philip J.....	20 00	
Ferris, John W.....	500 00	
Firebaugh, Joseph	5 00	
Fitzgerald, M.....	5 75	
Flood, Jas. L.....	5,000 00	
Folger, J. A. & Co.....	5,000 00	
Gage, Mills & Co.....	100 00	
Gopcevic, Milos	500 00	
Gopcevic, Peter	500 00	
Grace, W. R. & Co.....	1,000 00	
Griswold, E. & Co.....	10 00	
Gunst, M. A.....	1,000 00	
Haldan, E. B.....	500 00	
Hall, J. F.....	10 00	
Harvey, J. Downey	2,000 00	
Healey, Benjamin	100 00	
Hellman, I. W.....	5,000 00	
Herman, M. H.....	10 00	
Herrin, William F.....	2,500 00	
Hester, B. A.....	15 00	
Heynemann, H.....	250 00	
Home Telephone Co.....	75,000 00	
Hopkins, Timothy	500 00	
Heyman, Joseph	1,000 00	
Heyman, Morris	1,000 00	
Jennings, Thos.....	100 00	
Kohl, C. Frederick	5,000 00	

FINANCIAL REVIEW RELIEF WORK

1323

Kohl, Mrs. Sarah	5,000 00
Koshland, S. & Co.....	500 00
Law, Herbert F.....	1,000 00
Levison, J. B.....	100 00
Lloyd, John	5 00
Long, Lieut. E. C.....	5 00
Mack, Adolph	250 00
Magee, Thos. & Sons.....	2,000 00
Maguire, James G.....	100 00
Martin, Mrs. Eleanor	5,000 00
Metropolitan Trust & Savings Bank.....	1,000 00
Metson, W. H.....	500 00
Meyer, Wilson & Co.....	1,000 00
McCrum, Mrs. Helen	10,000 00
McCutcheon, E. J.....	250 00
McEnerney, Garret W.....	1,000 00
McManigal, R. N.....	10 00
Miller & Lux, Inc.....	10,000 00
Mitsui & Co.....	500 00
Mission Dolores Church.....	8 70
Moore, Charles C.....	100 00
Moulton, Irving F.....	1,000 00
Mund, Leo.....	10 00
Murphy, D.....	10 00
Newhall, H. M. & Co.....	1,000 00
Newman, Rita (chain letter)	50 00
Ogidissen, Capt. D. L.....	25 00
Oxnard, Robert	1,000 00
Pacific Hardware & Steel Co.....	5,000 00
Pacific Portland Cement Company.....	7,500 00
Pacific States Telephone and Telegraph Co., \$10,000.00; less charge for telephone service, \$1999 45.....	8,000 55
Peabody, Henry W. & Co.....	500 00
Peyton, W. C.....	500 00
Phelan, James D.....	10,000 00
Phil O'Mera Skating Club.....	700 00
Pippy, Col. Geo. H.....	500 00
Pond, E. B.....	500 00
Porter, W. S.....	1,000 00
Ramsdell, H. V.....	200 00
Rollins, E. H. & Sons.....	2,500 00
Rossi, P. C.....	42 00
Ruef, A.....	1,000 00
Schlessinger, Chas.....	500 00
Schmitt, J. L.....	500 00
Scotch Thistle Club.....	2,500 00
Selfridge, Rear Admiral T. O.....	100 00
Shainwald, Buckbee & Co.....	1,000 00
Sherwood & Sherwood	250 00
Sloss, Mrs. Louis	2,000 00
Sloss, Louis & Company.....	5,000 00
Smith, Gen., James F.....	500 00
Southern Pacific employees	6,857 23
Speck & Co.....	1,000 00
Spreckels, Claus	25,000 00

Spreckels, Rudolph	10,000 00
Stockton Milling Co.....	500 00
Sundberg, Madam	1 00
Sussman, Wormser & Co.....	500 00
Sutro & Co.....	1,000 00
Tacoma Mill Co.....	2,500 00
Teschenacher, H. E.....	500 00
Tevis, H. L.....	10,000 00
Toyo Kisen Kaisha	500 00
United Railroads of San Francisco, \$82,994.88; less expenditure reported, \$14,000.00.....	68,994 88
Wheeler, Chas. S.....	1,000 00
Wholesale Liquor Merchants, as follows.....	2,000 00
Ahrens, Pein & Bullwinkel.....	
Campe, H. Co.....	
Cartan, McCarthy & Co.....	
Chevalier, F. & Co.....	
Clark Bros. & Co.....	
Coing & Co.	
Craig, C. W. & Co.....	
Fleishmann & Co.....	
Herrscher, Samuels & Co.....	
Hey, Grauerholz & Co.....	
Hilbert Mercantile Co.	
Hildebrandt, Posner & Co.....	
Hotaling, A. P. & Co.....	
Illinois-Pacific Glass Co.....	
Italian-Swiss Colony	
Jesse Moore Hunt Co.....	
Johnson Locke Mercantile Co.....	
Jones Mundy Co.....	
Laventhal Bros.	
Livingston & Co.....	
Lyons & Raas Co.....	
Martin, E. & Co.....	
Meinicke, Chas. & Co.....	
Naber, Alfs & Brune	
The Rosenthal Co.....	
Roth & Co.....	
Sroufe Co., John.....	
Shea, Boequeraz & Co.....	
Sherwood & Sherwood.....	
Siebe Bros. & Flagemann.....	
Simon, Levy & Co.....	
Taussig & Co.....	
Tillman & Bendel	
Williams, Dimond & Co.....	500 00
Yawman & Erbe Manufacturing Co.....	500 00
Yokohama Specie Bank.....	500 00
San Francisco Chronicle collections through the California branch of the American National Red Cross	1,000 00
Conscience fund	50 00
A Friend, through Bissinger & Co.....	21 50
Five unknown subscribers	13 50

FINANCIAL REVIEW RELIEF WORK

1325

Passengers and crews of Trans-Pacific Steamships:

Doric	118 07
Hong Kong Maru	125 00
Korea	110 80
Siberia	360 70
U. S. A. Transport Sheridan.....	183 40

Total \$413,090 83

SCHEDULE NO. 3.

Sale of surplus supplies and other receipts..... \$323,473 87

Flour	\$216,717 15
Food stuffs	41,498 07
Tents	14,826 55
Cottages	9,559 00
Building Material	6,280 71
Automobiles	6,135 63
Gas stoves	5,211 75
City and County of San Francisco:.....	7,975 33
For repairs to Building No. 3	
and No. 4 at Relief Home.....	\$3,993 02
For construction of stable at	
Relief Home	3,982 31
Patent toilets	2,792 00
Relief Home receipts	2,782 96
Meal tickets sold to workmen and others at	
Ingleside Model Camp	2,562 92
Tobacco	1,779 65
Plumbing material	1,643 75
Typewriters	596 50
Houses	555 00
Transport cots	418 29
Powder & Dynamite sold to Whitelaw Wrecking	
Co.	300 00
Ingleside Model Camp—Miscellaneous	255 20
Office furniture and supplies	206 00
Sundries	1,377 41

Total \$323,473 87

FINANCIAL REVIEW RELIEF WORK

SCHEDULE NO. 4.

Installments upon the sale of refugee cottages.....\$117,521 50

Refunds of installments on cottages..... 109,373 00

Cottages Occupied	Maximum Population	Installments	Refunds	Balance (Reserved)
Totals 5,610 and 656 apartments..	17,467	\$117,521 50	\$109,373 00	\$8,148 50

Camp No.	Maximum Population	Installments	Refunds	Balance (Reserved)
1632 Richmond	25 4,130	\$ 38,138 50	\$ 36,904 50	\$1,234 00
1478 Lobos Square	9 4,933	24,597 00	22,191 50	2,405 50
645 Columbia Square..	24 1,500	11,414 00	10,108 00	1,306 00
304 Franklin Square..	13 1,087	10,353 00	9,583 50	769 50
509 Mission Park	29 1,609	9,160 50	8,542 50	618 00
216 Hamilton Square..	20 689	7,446 00	6,908 25	537 75
158 Jefferson Square..	16 680	6,776 50	6,571 00	205 50
188 Pennsylvania ave..	10 690	4,024 50	3,698 75	325 75
143 Precita Park.....	23 520	2,911 50	2,745 00	166 50
187 Washington Sq....	21 593	1,324 50	1,177 50	147 00
150 Portsmouth Sq....	30 388	922 00	887 00	35 00
(656)South Park apts..	29 648	453 50	55 50	398 00
Totals	17,467	\$117,521 50	\$109,373 00	\$8,148 50

NOTE.—The maximum population is based upon the number of tenants reported to the Camp Commanders, and it is probable that the actual population often exceeded the reports.

SCHEDULE NO 5.

Care of Inmates of the City and County Almshouse at Ingleside Model Camp and at Relief Home.....\$51,684 30

	Average Number Per Day	Average Collection Per Day	Amount
Total	543.73	.312	\$51,684 30
September, 1907	19.4	.50	\$ 291 00
October, 1907	26.9	.484	404 40
November, 1907	150.5	.332	1,503 70
December, 1907	733.0	.424	9,689 30
January, 1908	720.2	.428	9,559 50
February, 1908	707.6	.45	9,234 45
March, 1908	687.4	.45	9,589 50
April, 1908	701.7	.45	9,473 40
May 1st to May 6th.....	718.2	.45	1,939 05
May 7th to May 31st.....	734.2		
June	782.0		
Total	543.73	.312	\$51,684 30

SCHEDULE NO. 6.

Interest and exchange			\$91,078 01
Interest on bank balances.....		\$84,226 22	
San Francisco banks.....	\$52,434 36		
New York and Chicago banks....	31,791 86		
Interest on loans		5,731 14	
Housing loans	5,508 89		
Other loans	222 25		
Exchange		1,120 65	
Total			\$91,078 01

SCHEDULE NO. 7.

Loans repaid			\$76,024 90
Housing loans		\$52,224 55	
Sundry		750 35	
The disbursement of the above loans are included in Personal Relief and Rehabilitation on Schedule No. 12, and the loans still outstanding are not treated as assets, as their collectability is more or less in doubt.			
Special secured loans		23,050 00	
Hahnemann Hospital	\$20,000 00		
Society of California Pioneers (see Schedule No. 15).....	3,050 00		
Total			\$76,024 90

SCHEDULE NO. 9.

Sale of gas to camp tenants.....			\$7,320 75
Cost of gas sold to camp tenants.....			8,030 25

	Average Collections per 1,000 C. F.....	Sales	Cubic Feet Consumed	Cost per 1,000 Cubic Feet	Cost	Loss
Total .....	.447	\$7,320 75	15,159,700	.530	\$8,030 25	\$ 709 50
Camp No.						
South Park....28	.566	\$5,284 50	9,336,400	.609	\$5,683 50	\$ 399 00
Franklin Sq..13	.295	1,041 65	3,529,600	.607	2,143 35	1,101 70
Portsm'th Sq.30	.409	730 90	1,786,500	.591	1,056 60	325 70
Columbia Sq..24	.519	263 70	507,200	.629	318 95	55 25
	.447	\$7,320 75	15,159,700	.607	\$9,202 40	\$1,881 65
Less rebates.....					1,172 15	1,172 15
					\$8,030 25	\$ 709 50

SCHEDULE NO. 11.

Period of preliminary organization, April 23, 1906, to July 31, 1906		\$2,172,642 93	
		Amounts dis- bursed in set- tlement for materials, sup- plies, e t c., confiscated or employed prior to the perfec- tion of the pre- liminary organiza- tion.	Amounts dis- bursed for ex- penditure reg- ularly author- ized after the perfection of the prelimi- nary organiza- tion.
Totals	\$2,172,642 98	\$1,434,250 61	\$738,392 37
Relief of hungry.....	\$1,197,872 91	\$ 886,842 79	\$311,030 12
Housing the homeless.....	187,056 56	159,622 96	27,433 60
Sanitation	155,473 60	90,525 36	64,948 24
Emergency relief by Commit- tee of Fifty	154,285 10	148,442 80	5,842 30
Relief of contiguous cities...	139,404 51	1,404 51	138,000 00
Care of sick and injured.....	107,196 43	72,430 16	34,766 27
Clothing and bedding	66,429 13	47,818 80	18,610 33
Construction and operation of relief sections.....	63,189 50	2,648 50	60,541 00
General administration	46,572 77	6,202 60	40,370 17
American National Red Cross	21,634 52	1,912 20	19,722 32
Rehabilitation	16,739 72	2,158 43	14,581 29
Assistance of municipal de- partments	12,271 36	12,177 50	93 86
Assistance of charitable in- stitutions	1,756 05	1,752 80	3 25
Miscellaneous	2,760 82	311 20	2,449 62
	\$2,172,642 98	\$1,434,250 61	\$738,392 37

SCHEDULE NO. 12.

Period of permanent organization, August 1, 1906, to November 30, 1908.....		\$6,144,117 01	
Personal rehabilitation and relief.....	\$2,680,513 63		
Assistance in the construction of permanent homes	999,984 50		
Construction of refugee camps.....	883,308 81		
Operation and maintenance of refugee camps	453,000 04		
Construction of Ingleside Model Camp for aged and infirm	36,230 59		
Operation and Maintenance of Ingleside Model Camp for aged and infirm.....	173,571 76		
Construction and equipment of Relief Home for aged and infirm.....	374,567 89		
Operation and maintenance of Relief Home for aged and infirm.....	73,131 34		
Food and clothing warehouses.....	69,928 86		
Industrial Bureau	37,895 70		
Care of patients in hospitals.....	233,098 62		
History Commission	3,864 00		
General administration	125,021 27		
Total			\$6,144,117 01

SCHEDULE NO. 13.

Donations for the relief and rehabilitation of hospitals and charitable institutions.....

\$576,418 43

Associated Charities	\$ 25,000 00
Boys' and Girls' Aid Society.....	5,000 00
British Benevolent Society	4,000 00
Burford Free Kindergarten	750 00
Business Women's Lunch Club	500 00
California Girls' Training Home.....	6,000 00
California Society for Prevention of Cruelty to Children	7,050 00
California Women's Hospital	8,000 00
Catholic Ladies' Aid Society.....	6,000 00
Children's Agency (Associated Charities).....	5,000 00
Children's Hospital	22,500 00
Church Home for Boys.....	3,500 00
Columbia Park Boys' Club	5,000 00
Doctors' Daughters	6,000 00
Emanuel Kindergarten	1,000 00
Emanuel Sisterhood	5,000 00
Florence Crittenden Home	5,000 00
Fourth Congregational Church Settlement.....	3,000 00
Francesca Relief Society	5,000 00
French Ladies' Benevolent Society	4,000 00
German General Benevolent Society.....	10,000 00
German Hospital	10,000 00
German Ladies' General Benevolent Society.....	4,000 00
Girls' Club	5,000 00
Golden Gate Kindergarten Association.....	5,000 00
Good Samaritan Nursery	6,500 00
Hahnemann Hospital	10,000 00
Hebrew Board of Relief	20,000 00
Hebrew Home for Disabled.....	3,000 00
Helpers of the Holy Souls.....	5,000 00
Home for Aged Colored People.....	1,500 00
Hospital Aid Association	33,000 00
Infant Shelter	3,500 00
Italian Relief Committee	4,000 00
Japanese Home for Women and Children.....	2,200 00
Juvenile Court and Detention Home.....	2,500 00
Kaufmann Rescue Home for Girls.....	2,000 00
King's Daughters' Home	4,000 00
Ladies of Charity of St. Patrick's Church.....	5,000 00
Lane Hospital	1,500 00
Little Sisters of the Poor.....	17,000 00
Maria Kip Orphanage	3,692 70
McKinley Orphanage	2,000 00
Mispah Charity Club	600 00
Mount Zion Hospital	10,000 00
Nurses' Settlement	6,000 00
Occidental Kindergarten Association.....	1,000 00
Oriental Home for Chinese Children.....	2,200 00
People's Place	6,000 00
Pioneer Kindergarten Association.....	3,000 00
Pixley Memorial Kindergarten.....	250 00
Potrero Free Kindergarten.....	150 00

Probation Committee of the City and County of San Francisco.....	6,000 00
Reading Room and Library for the Blind.....	1,100 00
Rescue Home for Chinese Children.....	3,000 00
Sacred Heart Church.....	1,500 00
Salesian Fathers Settlement.....	3,000 00
Salvation Army	5,000 00
S. F. Foundling Asylum	5,000 00
S. F. Fruit and Flower Mission.....	6,000 00
S. F. Girls' Union	5,000 00
S. F. Lying-in Hospital	6,000 00
S. F. Maternity Hospital	2,500 00
S. F. National Training School and Deaconess Home	1,500 00
S. F. Polyclinic	12,800 00
S. F. Port Society	1,500 00
S. F. Nursery for Homeless Children.....	10,000 00
S. F. Seamen's Institute	2,500 00
Sisters of the Holy Family.....	22,500 00
Sisters of the Presentation Convent.....	2,500 00
Sisters of the St. Saviour (Bishop F. W. Nichols)	2,500 00
Society for Christian Work.....	6,000 00
South Park Settlement.....	7,000 00
Spanish Ladies' Aid Society.....	2,000 00
Swiss Relief Society.....	2,000 00
St. Catherine's Home	5,000 00
St. Ignatius Training School.....	5,000 00
St. Joseph's Hospital	11,000 00
St. Luke's Hospital	22,905 35
St. Mary's Hospital	10,000 00
St. Vincent De Paul Society.....	20,000 00
Tehama Street Nurses Settlement.....	1,500 00
Telegraph Hill Neighborhood Association.....	5,000 00
University of California Hospital.....	10,000 00
Volunteers of America	2,000 00
Woman's Exchange	5,000 00
Young Men's Christian Association.....	10,000 00
Young Woman's Christian Association.....	7,000 00
Youth's Directory	22,000 00
Whosoever Will Mission	1,000 00
Armitage Orphanage	5,000 00
Father Caraher's Kindergarten.....	220 38

Total

\$576,418 43

FINANCIAL REVIEW RELIEF WORK

1331

SCHEDULE NO. 15.

Special Secured Loans.....		\$23,050 00
Hahnemann Hospital	\$20,000 00	
Secured by promissory note of the Hahnemann Medical College of the Pacific, dated June 27, 1906, due one year after date and bearing interest at 7 per cent per annum. The note was authorized by the Board of Trustees of the Hahnemann Medical College of the Pacific at meeting held on June 22, 1906, and was personally endorsed by the following: W. W. Van Arsdale, Dr. James W. Ward, Edgar R. Bryant, William S. Jordan, E. R. Lilienthal. The funds were employed by the Hospital to assist in the repair of the building. The loan was repaid.		
The Society of California Pioneers.....	3,050 00	
Secured by memorandum of receipt and promise to pay, dated May 1, 1906, due June 1, 1906, and signed by W. W. Hobart, President, J. I. Spear, Secretary, and H. L. Byrne, Chairman of Finance Committee. The loan was repaid May 31, 1906, and bore no interest. The loan was granted to enable the Society to assist its members pending the opening of the Banks.		
Total		\$23,050 00

SCHEDULE NO. 16.

Balance of Funds on hand.....		\$397,267 25
Distribution as to Funds:		
New York Chamber of Commerce Fund.....	\$ 52,662 95	
Balance of subscription, the employment of which is restricted to the rehabilitation of business, professional men and mechanics.		
Rehabilitation appropriation	113,025 19	
Funds specifically appropriated for further rehabilitation of refugees.		
Contingent appropriation	99,376 60	
Balance of amount specifically appropriated for the payment of contingent claims arising through judgments against the Corporation for disputed accounts and for other contingent expenses.		
Camp tenants	8,148 50	
Amount reserved for the full repayment of installments upon the sale of refugee cottages. See Schedule No. 4.		
Not specifically appropriated.....	124,054 01	
For closing expenses, publishing report, distribution to charitable institutions, etc., etc.		
Total		\$397,267 25

San Francisco, December 10, 1908.

ADDENDA.

Since the writing of the preceding report all departments of the relief work have been closed. On February 1, 1909, by resolution of the Executive Committee there was created a Board of Trustees of Relief and Red Cross Funds, consisting of Messrs. F. W. Dohrman (Chairman), O. K. Cushing, Rev. D. O. Crowley, Rev. J. A. Emery and A. Haas

The function of this Board will be the distribution of the balance of the funds on hand, as per report herewith, to hospitals and charitable institutions for the relief of sufferers from the earthquake and fire, and for the rehabilitation of hospitals and charitable institutions. To this end the Board of Trustees has resolved itself into various committees, and the Executive Committee of the Relief Corporation will turn over to the Board of Trustees from time to time funds now in its possession and to be received, for such purposes as the Board of Trustees will designate.

The Board of Trustees will do no direct personal relief work, but all activities of this nature will be carried on by charitable institutions.

The general plan of action has been approved by the American National Red Cross, whose special representative, Mr. E. P. Bicknell, came to San Francisco to aid the Board of Trustees and the Executive Committee in formulating plans for closing the relief work. At the same time the accounts were audited for the American National Red Cross by William T. Kent, Esq., Expert Accountant of the War Department.

San Francisco, March 1, 1909.

SAN FRANCISCO RELIEF AND RED CROSS FUNDS, A CORPORATION.
STATEMENT OF THE FUNDS ON HAND FEBRUARY 1, 1909.

Cash on hand.....		\$389,357 18
Appropriations and Balances:		
Reserve for closing expenditures, payments of judgments and for all other current liabilities	100,000 00	
New York Chamber of Commerce Fund:		
For Children's Hospital	\$25,000 00	
For St. Luke's Hospital.....	25,000 00	
For which free beds are to be established	50,000 00	
Reserve for hospital and other service to be rendered subject to conditions to be formulated by the Board of Trustees of Relief and Red Cross Funds	100,000 00	
Unappropriated balance to be turned over to the Board of Trustees of Relief and Red Cross Funds for distribution through the regularly organized charitable institutions for the purpose of re-establishing normal conditions in San Francisco at as early a date as possible	139,357 18	
		<u>\$389,357 18</u>

NOTE.—Any additional receipts are to be turned over to the Board of Trustees for distribution, as above outlined.

The Demolition of the City Hall

As recited in the Municipal Reports of 1906-1907 the fire of April, 1906, completely destroyed some parts and seriously damaged other portions of the City Hall, Hall of Records and Hall of Justice. In order to ascertain the extent of the damage, the Board of Supervisors, on August 13, 1906, adopted the following:

RESOLUTION NO. 276.

(New Series.)

Resolved, That the following named building experts and structural engineers, John J. Mahoney, William Curlett, Owen E. Brady and Henry A. Schulze, be and they are hereby appointed to forthwith examine the City Hall and Hall of Justice and ascertain whether it is possible and advisable to restore the City Hall and Hall of Justice, or either of them, as permanent buildings, and to make an estimate of the cost thereof; also to ascertain and report the feasibility of placing the City Hall and Hall of Justice, or either of them, in condition for temporary occupancy, and to furnish an estimate of the cost thereof to his Honor the Mayor and the Board of Supervisors on or before its next meeting, on Monday, August 20, 1906.

The committee appointed by the foregoing resolution made its report on September 4, 1906. In this report it was recommended that the Hall of Records be rehabilitated at once, as no serious damage had resulted to the structure. The restoration of this building was at once undertaken, and the sum of \$106,351.73 was expended therefor. The building was reoccupied by the Recorder in June, 1907.

The committee made no recommendations as to the advisability of restoring the City Hall or Hall of Justice, but expressed the opinion that the portion of the City Hall from the Larkin street wing to the main dome, fronting City Hall avenue, be taken down.

The least damaged portion of the building was the west wing of the building fronting on McAllister street, next to the Hall of Records. This was made fit for occupancy and by July, 1907, contained the Department of Elections, the Auditor and the Mayor. Later in the year the Treasurer's Office was restored and occupied by that official.

In respect to the Hall of Justice it was deemed inadvisable to restore the structure and consequently the Board of Public Works contracted for its demolition, which work was done in May, 1908. A new building to take the place of the one destroyed was provided for in the bond issue of 1908.

In respect to the City Hall the matter was given further consideration by the Board of Supervisors. On March 30, 1908, by Resolution No. 2143 (New Series), a special committee of the Board was appointed, consisting of Supervisors Rixford, Bancroft, McLeran, Murphy, Pollok and Broderick. This committee was authorized to make a thorough examination of the structure and report thereon. On April 6th the committee reported that it had requested the City Architect to furnish a full report of the general condition of the City Hall building, the floor area that might be utilized and the estimated amount of salvage and material on hand.

On May 25, 1908, the committee presented the report of City Architect Newton J. Tharp, whose report is as follows:

**REPORT OF THE CONDITION OF THE CITY HALL, SAN FRANCISCO, CAL.,
MAY, 1908.****GENERAL HISTORY AND DESCRIPTION OF THE CONSTRUCTION OF
THE MAIN BUILDING.**

It was exceedingly unfortunate for the City of San Francisco that its most ambitious public building should have been planned and the construction begun at a period just prior to the introduction of the modern steel skeleton, masonry armored type that solves at once all of those principles necessary to a first-class building of any character, namely, rigidity in all directions, fireproof qualities and lightness of construction.

The City Hall was designed and the construction begun during the years 1870-1871 and 1872, and was continued with more or less regularity until the completion of the dome in 1896-97. Although our modern steel frame type of building was evolved in Chicago during the year 1884 and its use spread rapidly throughout the East, its acceptance was slow upon our coast, with the result that the entire building was completed (excepting the dome) without any of the principles of the steel frame construction having been used.

All of the exterior and interior partitions and carrying walls are of brick resting on footings of stone, well laid and of deep courses. The floors are of iron girders and beams, with bent corrugated iron and brick or concrete arches between, the girders in most cases having been fireproofed with suspended metal lath and plaster ceilings, is quite in keeping with recent construction.

The simple engineering features of the main building were well conceived and executed, with the exception of certain details of construction. All of the brick walls, both exterior and interior, were built without bond irons, relying upon inertia and the adhesion of the mortar for rigidity, which, in itself, is a fatal error in a region afflicted by earthquakes. And the great number of large chases for pipes, heating and ventilating ducts, etc., do not add to the strength of the walls. Where the spans in certain portions of the floors were too great for the size of the I beams rolled in those days, simple plate and box girders were employed. These are all badly proportioned and seem to have been designed by rule of thumb, as no proper disposition of the material is made to take care of the points of greatest bending moment and shear.

The four great box girders in the roofs of the large rooms at the ends of the wings facing on McAllister street are badly designed and as absurd a solution of a simple problem of roof construction as might be found anywhere, and no doubt their great weight, raising the center of gravity of those portions of the building, did much toward the general wrecking by the earthquake. The shorter floor spans through out the building (though heavy) are well designed and executed. And, contrary to popular belief, the bricks and mortar used throughout the entire structure are of the finest quality and the workmanship of the best. So far, the most rigid inspection of the standing and fallen walls, and of the walls of portions under removal, have failed to disclose any large voids or enclosed boxes, barrels or wheel-barrowes that have been told in many an old tale as evidence of lax supervision and contractors' deceits. The plastering on walls and ceiling was upon metal lath and of the best quality. The finished floors of the halls and corridors are of a fine quality of material and workmanship. The heating and ventilating plant that was installed for all of the building with the exception of the Larkin street wing is of a good system, and doubtless would have worked perfectly, but for the lack of a thermostatic method of control.

Notwithstanding much carping criticism to the contrary, it is the opinion of this department that the general plan and design of the main building is a most excellent one. It is well arranged and perfectly suited to the lot; and,

if the facing materials had been of a nobler quality, and the method of construction have permitted of greater window areas the building would have been one of the notable ones of the world.

PRESENT CONDITION OF THE MAIN BUILDING.

Method of Inspection and Survey.

The whole of the main building (with the exception of the Hall of Records) has been carefully measured and rendered to scale upon the following list of drawings accompanying this report, and to which reference is made for a thorough understanding of all statements made herein.

- Sheet No. 1. Sub-basement Plan. Scale, $\frac{1}{16}$ in. to 1 ft.
- Sheet No. 2. Basement and Ground Floor Plan. Scale, $\frac{1}{16}$ in. to 1 ft.
- Sheet No. 3. First Floor Plan. Scale, $\frac{1}{16}$ in. to 1 ft.
- Sheet No. 4. Second Floor Plan. Scale, $\frac{1}{16}$ in. to 1 ft.
- Sheet No. 5. Third Floor Plan. Scale, $\frac{1}{16}$ in. to 1 ft.
- Sheet No. 6. Roof Plan. Scale, $\frac{1}{16}$ in. to 1 ft.
- Sheet No. 7. Elevations. Scale, $\frac{1}{16}$ in. to 1 ft.
- Sheet No. 8. Sections. Scale, $\frac{1}{16}$ in. to 1 ft.
- Sheet No. 9. Section of exterior of Dome and Rotunda. Scale, $\frac{1}{8}$ in. to 1 ft.
- Sheet No. 10. Plans of Rotunda and Dome. Scale, $\frac{1}{8}$ in. to 1 ft.
- Sheet No. 11. Plans and Steel Diagrams of Dome. Various scales.

In addition to the above enumerated drawings, reference is also made to the "Data" sheet in the body of this report and to the several dozen photographs which have been taken and will be found accompanying. Said photographs are numbered serially, and illustrate as near as possible direct elevations of all the facets of the exterior of the main building and court, and certain portions of the dome walls. The point of view of each one of the photographs may be readily discovered by reference to the key upon the first floor plan and certain plans of the dome.

In order to arrive at the exact condition and methods of construction, ladders were made and work torn away to open up concealed masses, forms, materials and dimensions.

All floors have been tested for levels and all walls to see whether they are in or out of plumb. Where doubts have existed as to the conditions of a material, owing to its exposure to fire, both mechanical and chemical tests have been made upon it.

CONDITION.

It is evident that the ground upon which the City Hall is built is of uniform character and an ideal one for the support of a heavy building. The most careful measurements and leveling show not the slightest misplacement or sinking that might be ascribed to the soil or rock masses lying immediately below. A series of levels that were carefully run by the Engineering Department upon the floors of the first-story corridors showed variations of but a few tenths of an inch that might as readily have come from inaccuracies of construction as earthquake shock. The long corridors are in perfect alignment, which indicates that no horizontal displacements occurred.

The whole of the foundation walls from the bottom of the footings to the top of the granite base course slightly above the general level of the ground, were very well constructed originally and are in excellent condition. It is

above this level that by far the greater part of the earthquake damage occurred. The whole of the southerly end of the Larkin street wing has been removed as far north as the City Hall avenue front and to the level of the granite base.

The whole of the City Hall avenue front above the granite base and between the Larkin street wing and the rotunda walls is in a state of complete ruin as far as any scheme of safe reconstruction is concerned. The same can be said of those portions of the building adjacent to the rotunda walls on the north and east. With the exception of certain exterior walls and a few of the first-story rooms the whole of the east wing is in a very bad and dangerous state of ruin, which, owing to the large girders in the roof and other peculiarities of construction, is more real than apparent from a general observation. Some parts of the remaining portions of the Larkin street wing are in a state of complete collapse, but, strange to say, the ruin here is more apparent than real and of not very great extent as far as the main mass of this wing is concerned. All of the rooms on the east side of the corridor, with very few exceptions, and those remaining on the west side, are in surprisingly good structural condition. All of that portion of the building lying on either side of the long east and west or main corridor and on either side of the north and south corridor connected therewith to a point thirty feet distant from the rotunda walls, is in very good structural condition, with the exception of a few floors and walls, and is by far the best part of the structure remaining, and the easiest to put into a state of complete repair.

Very little damage was done by the fire in the basement and none throughout the sub-basement. On the three upper floors the fire damage is practically complete. All of the wood work of every description, including floors and furring of all kinds, has been entirely destroyed, with but very few exceptions. The heat engendered by the burning of this material and the furniture ruined the plastering on walls and ceilings and calcined all of the marble floors in the corridors, with the exception of small areas here and there throughout the building. Where cement floors were laid in the corridors, but very little damage was done. The intense heat was also responsible for the softening of the iron beams and girders in many of the floors, with their consequent sinking or complete collapse. The main iron staircases and the walls surrounding them are in an almost perfect state of structural preservation, and in case of rehabilitation could be put in as good order as new, with but little other work than scraping and painting. The plumbing, water, gas and electric wiring systems are, practically speaking, in a state of complete ruin, and for purposes of reconstruction should be considered of but little value. In the sub-basement the main portion of the heating and ventilating plant has suffered but very little injury, and the boilers, engine, fan, heating stacks and other accessories have been well cared for and protected by the Superintendent of Public Buildings since the great catastrophe of 1906. Above the first floor level most of the tin ducts, vents and registers have been ruined by the action of the fire. However, it is the opinion of this department that the entire heating and ventilating plant could be put in perfect working order with a proper system of temperature control, for a sum not to exceed twenty thousand dollars.

The elevators, including machinery and shafts, are badly injured, and nothing but a complete reconstruction, to all intents and purposes, would make them of any value.

For a thorough understanding of the general extent of the injuries and destruction spoken of above, and others not particularly referred to, attention is called to the accompanying drawings and photographs, which have been prepared with a great deal of care.

PRESENT CONDITION OF THE ROTUNDA AND DOME.

A special study has been made of this portion of the building with a view towards determining its exact condition. The first step taken by this department was that of constructing passage ways, ladders, platforms, etc., to permit of easy access to all parts from the basement to the roof. After that, with the assistance of the Engineering Department of the Board of Public Works, the exact constructional center of the floor of the rotunda was located. A series of careful measurements within the dome proper at a height of 250 feet above the rotunda floor served to locate its exact center, which agreed with the constructed center of the elevator shaft. A piano wire plumb-line with a 100-pound weight attached was hung from this upper point, and after being carefully brought to rest, it showed that the center of the dome had shifted to the northeast a distance of eight and one-quarter inches from the center of the rotunda floor. In order to be certain that the line was absolutely plumb, it was checked by transit work by members of the Engineering Department. This line having been made fast in a plumb position was used as a fixed point of reference for the measurement at different levels of the eight principal columns supporting the dome. The results of these measurements are illustrated in the diagrams on Sheet 11 and show all of those columns to be more or less bent and twisted.

All of the materials and work within the dome proper above the level of the terra cotta floor are in good condition and apparently uninjured. This includes the roof, lantern and surmounting statute. From the level of this terra cotta floor down to the level of the four great girders at the spring line of the inner rotunda dome the greatest destruction has occurred. In fact, practically all of the surrounding masonry walls within this height were thrown down completely, and the few still standing are so shattered as to be in an absolutely useless and dangerous condition. At a point about midway of the height of the eight steel supporting columns of the dome, which was the point of greatest bending moment resulting from the earthquake vibrations, nearly all of the rivets in the splice plates of the columns have been sheared off, leaving the connections of the horizontal trusses to hold the columns in position. Below the level of the four great girders mentioned above, a complicated system of brick rotunda walls and steel and cast-iron columns carries the weight of the whole superstructure, or what remains thereof, to the foundation and ground. The brick rotunda walls below the level of the girders are badly shattered and cracked in several places. The foundation walls and footings of the rotunda are in good condition, with the exception of a few hair cracks. The fact that all floors or stages of the rotunda are depressed about three-quarters of an inch towards the northeast, indicates by the coincident direction of the plumb-line that the whole rotunda and dome structure has a permanent inclination amounting to eight and one-quarter inches in a portion of its height equal to 250 feet. If the same ratio holds good to the top of the statute, the total variation from a true plumb-line would be about ten and one-half inches.

From the underside of the four girders at the base of the rotunda dome to the top of the foundation walls, it can be said that about as much was made of the design of the construction as was possible under the conditions. The only criticism being upon the fact that the conditions should have been accepted at all as a basis for the designing of a support for such an important superstructure. Under the conditions it was simply impossible to design a well-ordered series of columns with proper bracing to carry wind pressure and vibratory movements to the ground in accordance with the best principles of engineering practice. As it was, the rigidity of the columnar support below the four girders relied entirely upon the inertia of the rotunda walls, which was not of the best, as the brick work was laid up without any bond-irons whatsoever. This can be proved by an analysis of the general cross section of the

steel work from the foundation to the top, which shows that without reliance upon the inertia of the rotunda walls the whole upper structure bearing upon the main interior columns would topple over in a summer wind. Even granting that the inertia of the rotunda walls was sufficient to resist ordinary wind pressures and earthquake shocks, yet the design of the steel work above the girders is open to much criticism as far as certain details are concerned. On the whole, it is well conceived and the workmanship of the best, but in the absence of solid floors at each of the various stages it was certainly a great oversight not to have introduced diagonal horizontal bracing. For some reason the diagonal bracing in the vertical panels between the eight columns on four stages, thirty-two in all, was left out, although the pin-plates are in position on the columns. Directly above the four girders, the eight columns stand without effective bracing for a height of more than thirty feet. This was a serious error, inasmuch as the introduction of four sets of portal bracing connecting opposite columns of the octagonal set over the dome of the rotunda was an easy matter, and, doubtless, with the supplying of the other omissions immediately noted, would have prevented the setting up of those vibrations that cracked the rotunda walls and threw down nearly all of the ornamental superstructure resting upon them.

Reasoning from these facts, which are easily demonstrable to any one caring to go into the matter; this department is of the opinion that the limitations of space and design-conditions existing in the rotunda below the four girders do not permit of a proper engineering solution of the problem of carrying the wind pressure and vibratory strains of the tower and dome to the ground in the manner that ought to be done in a structure of this magnitude. Therefore it is considered that it would be exceedingly unwise, and tempting fate beyond all reason, to proceed to rebuild the tower and dome on anything of its original outlines on the material now remaining, or on any considerable alterations and additions that might be made to it. At the best the result could only be a very indifferent and uncertain patchwork of what was not a good solution of the problem originally.

Two methods of procedure with this portion of the building are obvious; each has to do with the general scheme of rehabilitation, and are so considered in the different estimates furnished below. The first method would be to take down the tower and dome and all steel work above the level of the four girders; and, in a scheme of rehabilitation, redesign that part of the building with a low light dome of large dimensions over the rotunda which would be supported on those walls and the steel and cast-iron columns remaining. This could be practically and safely done, and it is believed that the exterior treatment could be made to give a good effect. The second method would be to take down the entire structure of the dome, tower and rotunda to the top of the foundation walls and rebuild upon the same outlines but with a properly designed steel framework running from foundations to top that would not permit of the repetition of such a disaster. This could be done without any particular difficulties from an engineering standpoint, but the construction would be more thorough and expensive than that which existed previously.

ESTIMATES.

The matter of estimation has been considered from three standpoints. Each one has been gone into carefully and all the data used as a basis for the calculations are on file in this department.

First: The complete rehabilitation of the present building, with an (a) and (b) statement, to accord with the two solutions offered above for the dome, tower and rotunda portion. This is presented with a clear understanding of the fact that howsoever well it may be done, the result from a constructional stand-

point, except in entirely new portions, will never be quite so good as it was before. Yet, it has many advantages, chief amongst which are those of economy and time saved in getting all of the city departments housed again. Also, that the work may be carried on gradually as funds become available. It is proposed under this estimate to put the whole building back into the same general appearance as it was before April 18, 1906; all doubtful portions of the construction to be torn down and rebuilt in accordance with modern methods, and the removed portions of the Larkin street wing and elsewhere, if done in large masses, to be reconstructed according to the best principles of steel frame and fireproof construction. The heating, plumbing, elevator, electric and telephone systems, etc., to be put in a first-class condition. The decorations in the principal rooms to be of a richer and more appropriate character than what existed before. It is estimated that the whole building could be completely rehabilitated along the above indicated lines within two years if the funds were available.

Second: The wrecking of the whole building down to the level of the granite base and rebuilding on the same foundations, which are very adequate and in a fine state of preservation; and, within approximately the same height as the present building, a four-story, modern, steel-frame, fire and earthquake proof building of new design, excepting that it would follow the same general excellent arrangement and outline as at present. The floor areas of this building would be augmented by an area equal to one whole floor of the present building, but within the same height, as the rooms of the old structure are considered too high for modern principles of supplying light, heat and ventilation. It is estimated that the construction of such a building, including wrecking and preparation of plans, would take about three years from the date that the funds became available.

Third: The wrecking of the whole building, including the tearing out of the foundations, and erecting upon the site a new building, or group of buildings of entirely different design from the present structure, but of the same general floor areas as proposed in Estimate No. 2. It is conceived that such a building or buildings, including wrecking and preparation of plans, would take about four years for construction from the date that the funds became available.

Estimate No. 1: Rehabilitation.

(a) Dome and Tower taken down to Rotunda.....	\$3,035,000
(b) Dome and Tower and Rotunda taken down and rebuilt.....	2,965,000

Estimate No. 2: Partially New.

New buildings on present foundations.....	\$4,550,000
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Estimate No. 3: New.

New building or buildings on present site.....	\$5,250,000
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Appended hereto will be found a sheet of data concerning City Hall and also a statement of the cost of the making of the survey and the preparation of the plans and this report.

Respectfully submitted,

NEWTON J. THARP,
City Architect.

DEMOLITION OF CITY HALL

DATA CONCERNING CITY HALL.

Cubical Contents:

1. Total cubic contents of building without tower.....	8,829,760
2. Total cubic contents of building except removed portion of Larkin street wing and tower.....	7,898,404
3. Cubic feet of the whole building above the granite base, without tower, dome and removed portion of Larkin street wing.....	6,646,220
4. Cubic feet of Larkin street removed portion.....	783,702
5. Cubic feet of rotunda, tower and dome from foundation up and including colonnade.....	2,021,631
6. Flat roofed rotunda, including colonnade.....	834,660
7. Round roofed rotunda.....	1,025,512
8. Entire building and flat roofed rotunda.....	9,664,420
9. Entire building and round roofed rotunda.....	9,855,272

Floor Areas:

	Sq. feet
10. Average gross area of typical floor, including removed portion of Larkin street wing.....	107,680
11. Average gross area of typical floor, not including removed portion of Larkin street wing.....	96,322
12. Average net area of typical floor, including removed portion of Larkin street wing.....	76,800
13. Average net area of typical floor, not including removed portion of Larkin street wing.....	69,120
14. Average net area of corridors, one floor.....	19,150
15. Average net area of one room.....	864

EXPENSES—SURVEY AND REPORT ON CITY HALL.

May 20, 1908.

Draughtsmen during April:

A. C. F. Locke, 21 days at \$200 per month.....	\$ 140 00
R. J. Wood, 20 days at \$100 per month.....	66 65
James B. Kauser, 17 days at \$130 per month.....	73 65
George H. Palliser, 8 days at \$100 per month.....	26 65
Edward Kelton, 4 days at \$130 per month.....	17 35

Workmen from Repair Department, April:

M. Kiley, carpenter.....	10 00
J. Swanson, carpenter.....	35 00
Thomas Cullen, rigger.....	65 00
P. Hellman, helper.....	39 00

Draughtsmen during May:

A. C. F. Locke, 21 days at \$200 per month.....	140 00
R. J. Wood, 20 days at \$100 per month.....	66 65
James B. Kauser, 20 days at \$130 per month.....	86 60
Edward Kelton, 20 days at \$130 per month.....	86 60
George Colmesnil, 14 days at \$150 per month.....	70 00
Norwood Howard, 8 days at \$150 per month.....	40 00

Workmen from Repair Department, May:

— Dunn, laborer.....	12 00
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Miscellaneous Items:

R. J. Waters & Co., negatives and one set prints.....	63 00
Materials from Repair Department.....	23 00
R. J. Waters & Co., set of photographs.....	14 40
Rent of extra room in Grant Building at \$25 per month.....	25 00

Total expenses to date..... \$1,100 55

Bills to be received: Stenographer, draughting materials, blue prints, rent of typewriter.

On June 8, 1908, the special committee reported and recommended that the Board of Public Works direct the City Architect to consult with the following prominent architects of the City, viz., Albert Pissis, James Reid and John Galen Howard, as to the best policy of rehabilitating the City Hall building, and to report its findings thereon. The recommendation of the committee was adopted and the above-named architects were appointed to consult with the City Architect in the matter.

On September 28, 1908, the consulting architects submitted the following report:

REPORT OF CONSULTING ARCHITECTS ON CONDITION OF CITY HALL.

San Francisco, September 22, 1908.

To the Special Committee of the Board of Supervisors on the Possible Restoration of the City Hall, San Francisco, California.

Gentlemen:—In compliance with your request that the undersigned Committee of Architects advise you as to the best policy to pursue regarding the future treatment of the City Hall, we have the honor to report as follows:

We have carefully examined the building in its present state, and the report, with drawings and calculations, which has already been presented by the City Architect, and we are unanimously convinced that the best interests of the City demand building entirely anew in accordance with the best modern practice as to planning, materials and method of construction, and of monumental character.

We have reached this conviction after a thorough discussion and investigation of other methods of procedure which seemed to offer possible advantages. The magnitude and importance of this question, the many vital and more or less conflicting needs involved, the urgent requirements of safety and convenience, the large sums of money at stake, not to mention the complicated technical problems presented, both structural and esthetic, have necessarily required much consideration and discussion, thus precluding the possibility of an earlier report. Our conclusions, formulated after mature deliberation, rest on what we believe to be the broadest public policy.

The three methods of procedure suggested by the City Architect's report are, in our opinion, the only ones which it is possible to consider. These are:

First: Rehabilitation.

Second: Rebuilding on present foundations.

Third: Building entirely anew.

The first of these, rehabilitation, is open to serious objections. The portions of the building which would have to be wholly rebuilt above the foundations are so extensive, and the portions which might conceivably be saved are so intermingled everywhere with large parts which were damaged, that rehabilitation would necessarily result in a mere patchwork, to which the danger of a future shock might be as great as that through which the building has already passed. It should be remembered that the purpose of the City Hall is to accommodate and safeguard not only the City's records, but the lives of the official representatives of its citizenship, legislative, executive, judicial and clerical, as well as of the general public. Anything short of the safest building which modern science can erect is unworthy of San Francisco for such a purpose. The City cannot afford to run the risk of having to face again her present City Hall problem. On the score, therefore, of safety, and, in the long run, of economy in cost, we advise against rehabilitation.

The argument against the second suggestion—rebuilding on the present foundations—rests on a different basis. Something can be said for it on the

score of cost, the foundations being practically uninjured. It must be said, moreover, as the City Architect has pointed out in his report, that the general scheme of the old building is excellent. In its large lines it was a notable work, especially when we take into account the time at which it was designed. San Francisco was indeed fortunate in possessing in the City Hall what was on the whole perhaps the most successful large work of that time in this country, in respect of big picturesque grouping and the adaptation of monumental planning to an irregular and difficult site. This statement must, however, be immediately supplemented by the strictest reservations. It is extraordinary that a building so well conceived in a large way could have been so poorly worked out in detail. In arrangement and adaptation of structure to practical needs the building left much to be desired. Such defects could be diminished in rebuilding, but they could not be entirely eliminated without radical departure from the old foundations. What seems fairly good, when judged by the standard of other work of 1870, compares very unfavorably with many fine buildings which are being produced to-day. In providing herself with a City Hall, San Francisco should not rest satisfied with approximately reproducing a building which was out of date even before its completion. To rebuild along the old lines would be an anachronism. To tie up the City to a faulty and inadequate scheme would be to saddle the future with a burden progressively more intolerable as time goes on. On the ground that this City should recognize the value of the progress made in recent years, and take advantage of the opportunity offered to rectify the mistakes of the old City Hall, we advise against rebuilding on the old foundations.

According to the estimate of the City Architect, the cost of rebuilding on the old foundations will be \$4,550,000; the cost of an entirely new building or buildings, \$5,250,000, the saving represented by building on the old foundations being thus \$700,000. In our judgment, this is a reasonable sum for San Francisco to pay for the permanent increased efficiency, health, comfort and beauty which are reasonably to be expected from a new building unhampered by the old design and executed in accordance with the best modern practice.

We therefore recommend the erection of an entirely new City Hall.

Respectfully submitted,

(Signed) ALBERT PISSIS.
 JAS. W. REID.
 JOHN GALEN HOWARD.
 NEWTON J. THARP.

REPORT OF SPECIAL COMMITTEE ON REHABILITATION OF CITY HALL.

To the Honorable the Board of Supervisors
 of the City and County of San Francisco.

Gentlemen:—Your Special Committee on Rehabilitation of City Hall and Housing of Municipal Departments to whom was referred by Resolution No. 2143 (New Series) of your Honorable Board, the question of the reconstruction and dismantlement of the City Hall, begs leave to present the following report:

Pursuant to directions contained in said resolution, your committee obtained from City Architect Newton J. Tharp, during the month of May, 1908, a report upon the condition of the City Hall, in which report three propositions were submitted to your committee as follows:

Estimate No. 1: Rehabilitation.

- | | |
|--|-------------|
| (a) Dome and Tower taken down to Rotunda..... | \$3,035,000 |
| (b) Dome and Tower and Rotunda taken down and rebuilt..... | 3,965,000 |

DEMOLITION OF CITY HALL

1343

Estimate No. 2: Partially New.

New buildings on present foundations.....\$4,550,000

Estimate No. 3: New.

New building or buildings on present site.....\$5,250,000

Believing that the matter of the complete dismantlement of the City Hall or the reconstruction of the building on the old lines, either in whole or in part, was a question of great magnitude and importance and one that would vitally affect the future welfare of the City and County, your committee submitted said report of the City Architect to a Special Advisory Committee consisting of Albert Pissis, James W. Reid, John Galen Howard and Newton J. Tharp, City Architect, in order that the best professional advice upon the question at issue could be obtained.

Under date of September 22, 1908, the said Advisory Committee presented a report to your Special Committee wherein they stated that they had carefully investigated and examined the building in its present state and had also considered the report with drawings and calculations of the City Architect on the matter, and as a result of their deliberations and after a most careful study had been made of the problem they recommended the entire obliteration of the old City Hall and the reconstruction of an entirely new building of modern design and built in accordance with the best modern practice.

The Special Committee of your Honorable Board agrees with the conclusions of the Advisory Committee and herewith presents and make a part of their recommendation the report of said last-named Committee.

In order to facilitate the construction of the building in accordance with the promise made the electors of the City and County of San Francisco while other bond propositions were under consideration, your committee recommends the adoption and approval of the report of the Advisory Committee and also that the sum of \$50,000 be set aside out of the General Fund of the fiscal year 1908-1909 for the purpose of enabling the Board of Public Works to enter into contract for the destruction and dismantlement of the present structure, said work to be commenced as expeditiously as possible and to be prosecuted in four or more sections in order that no delay may result.

Respectfully submitted,

LORING P. RIXFORD,
R. McLERAN,
PAUL BANCROFT,
ALLAN POLLOK,
D. C. MURPHY,
Special Committee.

CITY HALL CONDEMNED AS UNSAFE.

On October 5, the following Resolution was adopted by the Board of Supervisors:

RESOLUTION NO. 2726.

(New Series.)

Whereas, It is a matter of common knowledge that the ruins of the City Hall are in an unsafe and dangerous condition, and such fact has been so declared by the Advisory Committee to the Special Committee of the Board of Supervisors on Rehabilitation of City Hall and Housing of Municipal Departments, consisting of Newton J. Tharp (City Architect), Albert Pissis, James W.

DEMOLITION OF CITY HALL

Reid and John Galen Howard, in report filed September 24, 1908; and while the walls and dismantled structures are permitted to stand they will constitute a constant source of danger and a menace to life; now therefore

Resolved, That the said City Hall be and is hereby condemned as unsafe, and those portions unrehabilitated are hereby declared to be unfitted for further occupancy, and the Board of Public Works is hereby instructed to cause the removal forthwith of the walls and parts of structures thereof now standing, but unoccupied.

And the Clerk is hereby directed to advertise this Resolution in the Evening Post Newspaper.

In Board of Supervisors, San Francisco, October 5, 1908.

Adopted by the following vote:

Ayes—Supervisors Bancroft, Booth, D'Ancona, Giannini, Jennings, Johnston, McAllister, McLeran, Murdock, Murphy, Payot, Pollok, Rixford.

Noes—Supervisors Broderick, Center, Hocks.

Excused from Voting—Supervisor Connolly.

Absent—Supervisor Comte.

JOHN E. BEHAN Clerk.

Approved, San Francisco, October 7, 1908.

EDWARD R. TAYLOR,

Mayor and ex-officio President of the Board of Supervisors.

PROVIDING FOR THE DEMOLITION OF THE CITY HALL.

On October 5, 1908, the Board of Supervisors adopted the following Resolution:

RESOLUTION NO. 2727.

(New Series.)

Resolved, That the report of the Special Committee on Rehabilitation of the City Hall and Housing of Municipal Departments, this day filed, approving the findings and conclusions of the Advisory Committee to said Special Committee, consisting of Newton J. Tharp (City Architect), Albert Pissis, James W. Reid and John Galen Howard, which findings and conclusions recommend the erection of an entirely new City Hall on the site of the present dismantled structure, be and the same is hereby adopted.

Further resolved, That the sum of \$50,000 be and the same is hereby set aside, appropriated and authorized to be expended by the Board of Public Works, out of the appropriation "For paving, repaving and repairs to streets, for reconstruction and repairs to sewers, and for construction of and repairs to public buildings," in the budget of the fiscal year 1908-1909, for the purpose of enabling said Board to contract for the complete wrecking and dismantlement of said structure, so as to leave the ground free of obstructions, and said Board of Public Works is hereby authorized and instructed to let four or more separate contracts for the dismantlement and wrecking of said building, in order that the work may proceed by sections and be consummated without delay.

The attention of the Auditor and of the Treasurer is hereby called to the provisions of this Resolution.

In Board of Supervisors, San Francisco, October 5, 1908.

After having been published five successive days, according to law, taken up and finally passed by the following vote:

Ayes—Supervisors Bancroft, Booth, D'Ancona, Giannini, Hocks, Jennings, Johnston, McAllister, McLeran, Murdock, Murphy, Payot, Pollok, Rixford.

Noes—Supervisors Broderick, Center, Connolly.

Absent—Supervisor Comte.

JOHN E. BEHAN Clerk.

Approved San Francisco, October 7, 1908.

EDWARD R. TAYLOR,

Mayor and ex-officio President of the Board of Supervisors.

SUITS TO RESTRAIN THE RAZING OF THE CITY HALL.

Two suits were instituted in December, 1908, to restrain the city officials from proceeding to demolish the City Hall. The suits were instigated by F. J. Sullivan and were decided by Judge Seawell, of the Superior Court, in favor of the City. The opinion was oral.

CONTRACTS AWARDED.

The Board of Public Works, during the latter part of the year 1908 and the early part of 1909, awarded a series of contracts for the tearing down of the remaining structure. This work is in progress as this report goes to press.

Another suit was commenced in February, 1909, to enjoin the payment of the contract price for the above mentioned work, by Daniel O'Connell, and is undecided at this writing.

Henri F. Windel Bequest Fund

On January 23, 1907, the note and mortgage executed by Orville D. Baldwin to the Mayor and the Supervisors of the City and County of San Francisco as trustees under the trust created by the last will and testament of Henri F. Windel, deceased, expired by virtue of the statute of limitations. On the 23rd day of August, 1907, Baldwin executed to the Mayor and the Supervisors of the City and County of San Francisco, as trustee, a new note and mortgage for the amount of \$16,220.09. The note is for two years, and bears interest at the rate of 5½ per cent per annum. The mortgage securing said note is of even date therewith and covers property described as follows:

Commencing at a point on the southwesterly line of Third street, distant therein 25 feet southeasterly from the southeasterly line of Minna street, running thence southeasterly along said southwesterly line of Third street, 45 feet; thence at right angles southwesterly and parallel with Minna street 75 feet; thence at right angles northwesterly and parallel with Third street 45 feet, and thence at right angles northeasterly and parallel with Minna street 75 feet to the southwesterly line of Third street to the point of commencement; being a portion of One Hundred Vara Lot Number 14.

The history of the Henri F. Windel Bequest Fund may be found on page 259 et seq. of the Municipal Reports of the City and County of San Francisco of the year 1899-1900.

Financial Condition

FINANCIAL CONDITION OF THE CITY AND COUNTY OF SAN FRANCISCO ON THE FIRST DAY OF OCTOBER, 1907.

The following statement was transmitted by direction of the Board of Supervisors on October 11, 1907, to the State Controller:

Funded debt at 3½ per cent interest.....	\$ 3,865,600 00
Less sinking funds on hand.....	77,895 86
	\$ 3,787,704 14
Value of Property—	
Parks, squares and improvements.....	\$ 13,575,000 00
Fire Department—Lots, improvements, apparatus and furniture	1,800,000 00
Police Department—Lots, improvements, apparatus and furniture	140,000 00
Department of Electricity—Underground wires and apparatus	235,000 00
City Hall lot, Hall of Justice lot, Almshouse, Hospital and furniture	4,500,000 00
Cemetery reservations	590,000 00
Sundry lots	275,000 00
Channel street lots, Ninth to Eighteenth streets	110,000 00
School lots, improvements and furniture.....	6,000,000 00
	\$ 27,225,000 00
Cash on hand in City and County Treasury—	
Interest Funds	\$ 308,686 48
Sinking Funds	77,895 86
Miscellaneous Funds	3,133,860 97
	\$ 3,520,443 31
Total City and County Funds.....	\$ 3,520,443 31
Total State Money.....	49,792 86
	\$ 3,570,236 17
Assessed value of real estate.....	\$260,689,806 00
Assessed value of improvements.....	66,815,201 00
Assessed value of personal property, money and solvent credits..	102,127,836 00
	\$429,632,843 00
Taxes levied City and County per \$100.....	\$1.415
State per \$100 .....	.445
	\$1.86
Total	\$1.86

FINANCIAL CONDITION

Revenue on Supervisors' estimate City and County, \$410,000,000		
at \$1.415	\$	5,801,500 00
Revenue on Assessment Roll City and County, \$429,632,843 at		
\$1.415		6,079,304 73
State, \$429,632,843, at \$0.445		1,911,866 15
	\$	<u>7,991,170 88</u>
Receipts from other sources, estimated.....	\$	2,835,000 00
Valuation of railroads by State Board of Equalization—		
Central Pacific Railroad, 2.46 miles.....	\$	67,888 00
Southern Pacific Railroad, 7.36 miles.....		161,992 00
The Pullman Company, 7.36 miles.....		3,886 00
	\$	<u>233,766 00</u>
Revenue from above—		
City and County, at \$1.415	\$	3,307 79
State, at \$0.445		1,040 25
Total	\$	<u>4,348 04</u>

Report of Stationery Department

OF THE

BOARD OF SUPERVISORS

FOR THE FISCAL YEAR 1907-1908.

San Francisco, August 3, 1908.

To the Honorable,

The Board of Supervisors of the City and County of San Francisco.

Gentlemen: I respectfully submit the following report of the amount of stationery, printing, books, postage stamps and directories delivered to the various departments of the city government from the Stationery Department of the Board of Supervisors during the fiscal year, 1907-1908. Also a statement showing the conditions of the various funds of this department on July 1, 1908.

DEPARTMENT	Stationery, Printing and Books	Postage Stamps and Postals	Directories	Total
Alms House	\$ 61 60	\$ 22	\$.....	\$ 83 60
Auditor	5,023 42	138	6	5,167 42
Department of Public Works.....	3,009 71	351	36	3,396 71
Department of Public Health.....	2,314 23	484	18	2,816 23
Board of Supervisors.....	1,932 82	267	6	2,205 82
County Clerk	3,774 87	182	18	3,974 87
Coroner	246 62	25	6	277 62
Civil Service Commission.....	826 63	30	6	862 63
City Attorney.....	294 86	46	6	346 86
City and County Hospital.....	955 49	40	6	1,001 49
Department of Electricity.....	635 91	10	6	651 91
District Attorney.....	686 81	70	12	768 81
Emergency Hospital	286 88	31	30	347 88
Fire Department	1,293 27	60	12	1,365 27
Fire Marshal	13 49	.....	6	19 49
Justices' Courts.....	524 70	144	36	704 70
Law Library.....	217 11	.....	6	223 11
Police Department.....	3,250 25	240	138	3,628 25
Police Courts (Four Departments).....	88 26	37	24	149 26
Recorder	4,155 64	100	6	4,261 64
Sheriff.....	839 91	100	30	969 91
Superior Courts (Twelve Departments).....	446 35	247	72	765 35
Treasurer.....	851 80	90	6	947 80
Tax Collector	2,586 19	234	12	2,832 19
Mayor	78 84	49	12	139 84
Juvenile Court	127 23	30	6	163 23
Secretary Superior Court.....	73 30	10	6	89 30
Commissary Supply Department.....	1 27	3	.....	4 27
Assessor (Special Appropriation).....	\$34,597 46	\$3,040	\$528	\$38,165 46
	3,007 44	400	24	3,431 44
Total Amount, including \$22.49 from surplus stock, 1906-1907	\$37,604 90	\$3,440	\$552	\$41,596 90

STATIONERY DEPARTMENT

SPECIAL APPROPRIATIONS.

	Amount of Appropriation	Amount of Expenditures	Amount of Appropriation Not Expended
Stationery, Printing and Books, including Postage Stamps.....	\$32,000 00		
*Additional Allowance out of surplus fund, 1907-1908.....	5,611 97	\$37,611 97	
Stationery, Printing and Books for Assessor, including Postage Stamps.....	1,000 00	3,107 44	\$592 56
City Directories.....	552 00	552 00	
	\$42,166 97	\$41,574 41	\$592 56
Amount of money remaining in funds July 1, 1908.....			\$592.56
Amount of stock on hand July 1, 1908.....			59.61
Amount of moneys remaining in funds, and value of stock on hand July 1, 1908.....			\$652.17

RECAPITULATION OF RECEIPTS AND DISBURSEMENTS.

	Amount of Stock on hand July 1, 1907	Received during Fiscal Year 1907-8	Total Receipts	Amount Delivered	Amount of Stock on hand July 1, 1908
Stationery, Printing, Books and Postage Stamps.....	\$2 10	\$37,611 97	\$37,697 07	\$37,637 46	\$59 61
City Directories.....		552 00	552 00	552 00	
Stationery, Printing, etc., for Assessor.....		3,407 44	3,407 44	3,407 44	
	\$2 10	\$41,574 41	\$41,656 51	\$41,596 90	\$59 61

* It was found necessary to secure this extra appropriation owing to the fact that an item of \$1,971, paid for fee books for the use of the Auditor and \$2,275 for map books furnished the Recorder, should have been provided for from funds of the previous fiscal year. The remainder, \$1,368.97, was applied to the payment of claims occasioned by the extra large amount of supplies required for use in the various departments.

Very respectfully,

JOHN E. BEHAN, Clerk.

By JOHN F. FINN,

Assistant Clerk, Assigned to Stationery Department.

Approved: JAMES P. BOOTH.

OSCAR HOCKS.

CHARLES A. MURDOCK.

Committee on Printing.



WILLIAM GARDNER STAFFORD

IN MEMORIAM

WILLIAM GARDNER STAFFORD

William Gardner Stafford, a member of the Board of Supervisors in 1907-8, died at his residence, 112 Broderick street, in this city, on August 16, 1908. He had been ill for some time. A widow and one daughter survive him. He was fifty-two years old at the time of his death. Mr. Stafford was a native of Baltimore and was a descendant of a famous old Revolutionary family. He was educated in the public and private schools of his native city and later went to sea.

After a trip around the world he decided to locate in San Francisco, and landed here in October, 1876. He had come around the Horn, and on his arrival he immediately went into the coal business. After being here ten years Stafford married Miss Cornelia Housman. He worked for J. McDonough & Co. for many years. Then he decided to establish a business of his own, and founded the firm of W. G. Stafford & Co. in 1894.

Mr. Stafford was a Knight Templar, belonging to Golden Gate Commandery, a Mystic Shriner, member of the Sons of the Revolution and of the Bohemian and Pacific Union Clubs. He was elected a member of the Board of Education in 1899 and served two years in that body. He was appointed to the Board of Supervisors by Mayor Taylor when that body was reorganized in July, 1907, and he was re-elected by a large majority at the November election. He soon found, however, that the municipal position was keeping him too much from his business, and this fact, coupled with serious illness, prompted his resignation in May, 1908.

To show the appreciation of the services of Mr. Stafford, the Board of Supervisors, on the occasion of his resignation on May 25, 1908, adopted

RESOLUTION NO. 2329.

(New Series.)

Resolved, That the members of the Board in accepting the resignation of Supervisor W. G. Stafford, hereby express their deep regret at its necessity and their heartfelt appreciation of the valuable service rendered by him during his incumbency of the position.

His faithful discharge of every duty, his intelligent grasp of all public questions, his fearlessness in following the course that he believed to be just, without regard to consequence, his uniform courtesy to his fellow members, together with his fine example of fortitude under suffering, have endeared him to every member of the Board, and his resignation, prompted from a high sense of honor from his inability to attend to the duties of the position, confirms and enhances the respect and regard already entertained.

Resolved, That we ask him to accept this expression of our esteem, our earnest hope for his speedy recovery, and our best wishes for his welfare and happiness.

Upon the announcement of his death the Board of Supervisors by a unanimous vote on August 17, 1908, adopted

RESOLUTION NO. 2637.

(New Series.)

The members of the Board of Supervisors would express their sincere respect for the memory of their late associate, William G. Stafford. In him they found a man of genial spirit, but firm in adherence to the right as he saw it. Bringing to public affairs the thorough training gained through the successful administration of a large business, his services were of great value to the city. Unpretentious, straightforward, open to conviction, he presented to every question that arose an intelligent and careful consideration. Reaching his conclusions without prejudice, no suggestion of popularity or of personal concern ever influenced him. He was capable of standing alone when occasion demanded, while he bore no ill will to those who differed from him. His integrity no one ever questioned. He was absolutely loyal to his friends, and just and courteous to all. He not only commanded respect, but won the warm regard of those who knew him. He bore suffering uncomplainingly, and even with cheerfulness. His memory will always be pleasant to us as of a comrade who dropped from the ranks on the onward march, with a smile on his face.

To his family we extend our heartfelt sympathy, and in loving regard we place this testimonial on the minutes of the Board, and when we adjourn it shall be in respect to his memory.

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