Annual Report of the Municipal Board of the City of Manila

FOR THE

Fiscal Year Ended June 30, 1913

MANILA
BUREAU OF PRINTING
1913

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LETTER OF TRANSMITTAL.

MANILA, *September 19, 1913.*

SIR: The Municipal Board has the honor to submit herewith its annual report covering the fiscal year 1913, from July 1, 1912, to June 30, 1913, inclusive.

Very respectfully,

FELIX M. ROXAS, *President.*
A. W. HASTINGS, *Member.*
WM. H. ROBINSON, *Member.*
RAMON R. PAPA, *Member.*
ISABELO DE LOS REYES, *Member.*
CLARENCE W. HUBBEL, *Acting Member.*

His Excellency,
The GOVERNOR-GENERAL OF THE PHILIPPINE ISLANDS,
Manila, P. I.

ANNUAL REPORT OF THE MUNICIPAL BOARD OF THE CITY OF MANILA

OFFICE OF THE SECRETARY.

During the year there were the following changes in the membership of the Municipal Board: Messrs. Isabelo de los Reyes and Ramon R. Papa, elected at the general election for the city of Manila, held on June 4, 1912, took their seats on October 16, 1912, as members of the Municipal Board vice Messrs. Timoteo Paez and Tomas Alfonso whose terms of office expired on that date. Mr. P. G. McDonnell resigned on December 1, 1912, and his position was filled by the Governor-General by the appointment of Mr. John C. Mehan, formerly chief, department of sanitation and transportation. Member Mehan held office during the remainder of the year, resigning June 30, 1913. Mr. Fisher H. Nesmith was appointed acting member for a short period in March, 1913, covering the absence of Member Mehan on vacation leave. Mr. William H. Robinson, city engineer, ex officio member of the Municipal Board was absent on leave for a period of one month, January 15 to February 15, during which time the acting city engineer, Mr. Fred. L. Patstone, occupied his seat on the Board.

The secretary of the Board was granted leave of absence with permission to visit the United States on October 15, 1912, and the chief clerk was designated as acting secretary during his absence. While in the United States, the secretary was commissioned to investigate laws and ordinances in force in various principal cities pertaining to special assessments, and to make report as to the result of his investigations.

The following reassignment of the committees was made on December 2, 1912, at the solicitation of the elective members, which continued in force until the close of the year:

Commitees.	Members.	Commitees.	Members.
Law	Roxas and Reyes.	Finance and taxation	Hastings and Papa.
Engineering and public works.	Do.	Sewer and waterworks	Roxas and Reyes.
		Markets and mataderos	Mehan and Reyes.
Police	Do.	Expropriation	Robinson and Papa.
Education	Hastings and Papa.	Sanitation and transportation.	Mehan and Reyes.
Fire	Mehan and Reyes.		
Electricity	Robinson and Papa.	Licenses	Hastings and Papa.

The Board held 299 regular sessions and 29 special sessions and acted upon 4,910 items of business, an increase of 409 items over that of last year. The number of communications received during the year was 9,506 as against 10,527 for 1912 and 8,942 for 1911. The number of communications sent was 11,667 as against 12,937 for 1912 and 8,265 for 1911. The slight decrease in last year's correspondence as compared with the preceding year was due to expropriation cases not being so numerous, no large fires having occurred requiring alterations in general street systems.

By reason of the provisions of Act No. 2200 of the Philippine Legislature, the Municipal Board ceased to perform the functions of the board of tax appeals, a new board, to be appointed by the Governor-General, having been created by this act.

Nine new leases were executed and 13 leases renewed, of which 18 were for property leased by the city and 4 for property leased from the city. The majority of the buildings leased by the city were for school purposes.

Seventeen contracts were entered into entailing a money liability for the year of approximately ₱270,291. The most important of these contracts was for the collection and disposal of garbage, etc., in the city, awarded to Mr. Edwin Burke for a period of ten years. This contract was later assigned to the Philippine Manufacturing Company.

Twenty-three ordinances were enacted, of which a list follows:

No.	Object.	Date of Enactment.
173.	Amending section 470 of the Revised Ordinances relating to permits and fees for billiard and pool tables	July 8, 1912
174.	Appropriation for fiscal year 1913	July 26, 1912
175.	Additional appropriation for sundry expenses of fiscal year 1912	Aug. 26, 1912
176.	Amending section 493 of the Revised Ordinances relating to explosive and combustible materials	Aug. 26, 1912
177.	Prohibiting the washing of garments in public waterways, and the use of the mouth in dampening clothes in the process of laundering	Aug. 26, 1912
178.	Amending ordinance 173 relating to permits and fees for billiard and pool tables	Nov. 2, 1912
179.	Amending chapter 46 of the Revised Ordinances relating to livery stables	Nov. 14, 1912
180.	Amending chapter 53 of the Revised Ordinances relating to licenses for public vehicles	Nov. 16, 1912
181.	Repealing chapter 95 of the Revised Ordinances relating to the regulation of public vehicles	Nov. 22, 1912
182.	Amending chapter 66 of the Revised Ordinances by making the use of air guns unlawful	Nov. 27, 1912

No.	Object.	Date of Enactment.
183.	Amending chapter 97 of the Revised Ordinances relating to public slaughter houses	Dec. 28, 1912
184.	Appropriation for improvement of sanitary conditions	Jan. 4, 1913
185.	Amending section 446 of the Revised Ordinances relating to the issue of duplicate licenses	Jan. 10, 1913
186.	Approving of certain extensions in the lines of the Manila Electric Railroad and Light Company	Jan. 13, 1913
187.	Amending sections 8 and 10 of Ordinance 106, relating to permits for slaughtering and killing animals	Mar. 10, 1913
188.	Amending chapter 36 of the Revised Ordinances relating to detective agencies	Mar. 26, 1913
189.	Pertaining to regulation of dance halls	Apr. 14, 1913
190.	Appropriation for the payment of interest due on loans	Apr. 18, 1913
191.	Amending sections 374 and 375 of the Revised Ordinances relating to rates and charges for electric service	Apr. 25, 1913
192.	Amending ordinance 167 relating to the extension of railway system on certain streets	Apr. 29, 1913
193.	Amending ordinance 191 relating to rates and system charges for electric service	Apr. 29, 1913
194.	Additional appropriation for Law Department, and Public Works and Permanent Improvements	June 4, 1913
195.	Additional appropriation for the Government of the city of Manila	June 27, 1913

There were 266 deeds executed during the year which was 18 less than for 1912 and 80 per cent more than 1911. Of these, 215 covered the acquisition of real estate by the city and 51 the sale of city property to private individuals.

The city of Manila expended the sum of ₱381,893.10 in connection with the acquisition of land and improvements for the opening, widening, and extension of streets and for park and market purposes. Over ₱185,000 of this amount was expended on the projects for the opening of a new street parallel with the Escolta, to extend from Plaza Santa Cruz to Calle Rosario, and the widening of Calle Juan Luna.

The value of city property sold during the year approximated ₱58,500.

As during the two preceding years, indigent sick and injured persons were cared for and given free treatment at the Philippine General Hospital at the expense of the city under agreement with that institution; the cost of this service amounted to ₱50,000.

The cost of maintaining the juvenile offenders at the Hospicio de San Jose during the year shows an increase of ₱7,441.70, or approximately 27 per cent over the preceding year.

	Males.	Females.
Persons in reformatory on June 30, 1912	178	38
Persons admitted during the year	160	32
Persons discharged during the year	154	35
Persons in reformatory on June 30, 1913	184	35

Total cost for the year, ₱34,300.10.

The number of insane persons committed to the Hospicio de San Jose during the year shows an increase of approximately 26 per cent over the preceding year, 196 persons having been admitted during the present year as against 144 for 1912.

The cost of maintaining these insane persons during the year shows an increase of ₱6,275.35, or approximately 25 per cent over the preceding year.

	Males.	Females.
Persons in insane asylum on June 30, 1912	114	96
Persons admitted during the year	88	88
Persons discharged during the year	58	65
Persons in asylum on June 30, 1913	144	119

Total cost for the year, ₱30,898.85.

The secretary's office collected for certified copies of municipal records the sum of ₱135.

DISBURSING AND SUPPLY OFFICE.

GENERAL BALANCE SHEET OF THE CITY OF MANILA, JUNE 30, 1913.

ASSETS.

Reference page.				
	Fixed assets:			
	Land		₱9,909,934.00	
14	Public works and improvements—			
	Acquired from revenue	₱2,258,690.03		
	Acquired from bond fund	8,180,193.90		
	Acquired from loan funds	581,854.32		
			11,020,738.25	
	Equipment—			
14	Acquired from revenue	1,659,321.05		
14	Acquired from bond fund	9,612.47		
			1,668,933.52	
				₱22,599,605.77
	Current assets:			
	Special funds—			
	Sewer and waterworks bond fund—			
15	Supplies	140,041.59		
22	Prepayments	233.32		
22	Cash	171,514.16		
			311,789.07	
	Calle Anloague Loan Fund—Cash		41,357.03	
	Manila loan fund—			
22	Accounts receivable	300.30		
	Cash	71,688.35		
			71,988.65	
	Appropriated revenue funds—			
14	Investments—Insurance fund	67,000.00		
15	Supplies—Supply fund	54,284.52		
22	Accounts receivable	98,112.21		

LIABILITIES.

Reference page.				
	Bonded debt and loans:			
15	Sewer and waterworks 10–30 year 4 per cent bonds		₱8,000,000.00	
	Luneta extension loan		50,000.00	
22	Calle Anloague loan		45,000.00	
22	Manila loan		515,200.00	
				₱8,610,200.00
	Current liabilities:			
22	Appropriated revenue fund—accounts payable			20,366.26
	Total liabilities			8,630,566.26
	SURPLUS.			
	Principal account surplus—represented by:			
14	Land	9,909,934.00		
	Public works from revenue	2,258,690.03		
14	Equipment from revenue	1,659,321.05		
14&15	Sewer and waterworks fund surplus	501,595.44		
22	Loan funds surplus	85,000.00		
			14,414,540.52	
15	Surplus reserved for sinking fund—Sewer and waterworks bond sinking fund		1,081,013.06	

22	Prepayments	10,207.98			
	Cash	212,750.20			
			442,354.91		
22	Unappropriated revenues—Cash		50,018.18		
				917,507.84	
	Sinking fund assets:				
15	Investments		1,031,780.00		
15	Accrued interest		5,913.34		
15	Cash		43,319.72		
				1,081,013.06	
	Total			24,598,126.67	

	Appropriated revenue funds surplus:				
5 & 22	Current appropriated assets	442,354.91			
22	Current liabilities	20,366.26			
			421,988.65		
22	Unappropriated revenue fund surplus		50,018.18		
	Total surplus				15,967,560.41
	Total				24,598,126.67

GENERAL SYPNOSIS OF ALL ACCOUNTS OF THE CITY OF MANILA.

Showing the balances brought forward from the fiscal year 1912, appropriations made during the fiscal year 1913, the income received during the year, the expenditures made, the reversions and the balances brought forward to the fiscal year 1914.

Titles of the accounts.	Ordinance or Act No.	Balance from fiscal year 1912.	Appropriation.	Income during fiscal year 1913.	Total credits.	Expenditures during fiscal year 1913.	Reversions.	Balances brough forward to fiscal year 1914.
Municipal Board	174 and 195		₱120,000.00	₱592.14	₱120,592.14	₱115,641.63	₱4,950.51	
Law department	174 and 194		19,500.00	151,025.86	170,525.86	150,723.75	19,802.11	
Fire department	174		303,000.00	24,550.57	327,550.57	307,041.67	20,508.90	
Police department	a 174		574,740.00	224,085.30	798,825.30	783,955.68	14,869.62	
City schools department	174		325,000.00	2,054.32	327,054.32	323,612.89	3,441.43	
Engineering and public works department	174		530,000.00	529,161.69	1,059,161.69	1,035,872.87	23,288.82	
Sanitation and transportation department	174 and 196		90,000.00	932,672.55	1,022,672.55	988,765.87	33,906.68	
Sewer and waterworks department	174			699,907.39	699,907.39	400,292.16	299,615.23	
Sewer and waterworks construction (bond issue fund)	b 1707	₱423,218.15		27,468.09	450,686.24	138,897.17		₱311,789.07
Assessments and collections department	174		27,000.00	23,299.27	50,299.27	49,900.00	399.27	
Cedula road and bridge fund	c 1695	11,308.06		139,065.88	150,373.94	118,320.47		32,053.47
Bridges, esteros, parks, and streets fund	c d 1727	90,701.62		145,882.92	236,584.54	148,938.87		87,645.67
Malate school site	174		10,000.00		10,000.00	10,000.00		
Receiving vault and crematory	138	477.00			477.00	303.24	173.76	
Sanitary improvements	133	4,034.60			4,034.60	4,034.60		
Removal and reërection of nipa houses	157	2,545.86			2,545.86	535.50		2,010.36
Market in Tondo	140 and 194	8,488.10	3,000.00		11,488.10	8,488.10		3,000.00
Street work in sanitary barrios	157	1,324.69			1,324.69	1,324.69		
Street extension south of Calle Herran	157	730.68			730.68	730.68		
Water mains, sewers, and drains	157	585.04			585.04	585.04		
Renumbering houses	157	2,584.62			2,584.62	1,080.95		1,503.67
Malate Park	157	42,740.45			42,740.45	13,861.79		28,878.66
Building for city electrician	147 and 170	12,714.27	1,500.00		14,214.27	14,214.27		
Purchase of road rollers	157	12,000.00			12,000.00		12,000.00	
Public lighting	174		150,000.00	14.56	150,014.56	143,899.90	6,114.66	
Sewer installation fund	e 125	26,361.40			26,361.40	26,361.40		
Insurance fund, city of Manila	1706	63,962.14	10,000.00	161.56	74,123.70			74,123.70
Sewer and waterworks bond sinking fund	1323	892,544.50		188,468.56	1,081.013.06			1,081,013.06
Widening Calle Anloague loan fund		50,000.00			50,000.00	8,642.97		41,357.03
Annual contribution to sewer and waterworks bond sinking fund	1323		154,960.00		154,960.00	154,960.00		
Interest on sewer and waterworks bonds	1323		322,400.00		322,400.00	322,400.00		
Contractor's guaranty fund		700.00		3,257.50	3,957.50	1,459.00		2,498.50
Stores and supplies, city of Manila		76,150.00		645,648.04	721,798.04	667,513.52		54,284.52
Rice account, city of Manila				874.72	874.72	869.24	5.48	
Manila loan fund (including amounts received and to be received)			736,000.00		736,000.00	439,477.02		296,522.98
Public charities, amusements, etc	174 and 195		124,000.00		124,000.00	123,524.85	475.15	

Donations:								
Philippine Medical School	174		3,000.00		3,000.00	3,000.00		
Philippine General Hospital	174		50,000.00		50,000.00	50,000.00		
Firemen's Relief Association	174		1,700.00		1,700.00	1,700.00		
Philippine Carnival Association	174		7,500.00		7,500.00	7,500.00		
Society for Protection of Infants	174		1,800.00		1,800.00	1,800.00		
Interest on Insular Government loans	174 and 190		13,818.00		13,818.00	13,818.00		
Payment of Insular Government loans	174		55,000.00		55,000.00	55,000.00		
Improvements Luneta extension	174		10,000.00	43.20	10,043.20	10,043.20		
Motor and fire-boat equipment	174		187,000.00		187,000.00	14,358.02		172,641.98
Launch, motor cycle, scows, and road roller	174		50,000.00		50,000.00	19,525.00	30,475.00	
Purchase and installation of scales	174		1,500.00		1,500.00		1,500.00	
Parks, etc., and play-ground equipment	174		22,500.00		22,500.00	22,500.00		
Laundry, bath, and toilet, Sampaloc	184		6,000.00		6,000.00	6,000.00		
Extermination of mosquitoes	184		7,500.00		7,500.00	7,160.25		339.75
Motor truck for city electrician	174		7,000.00		7,000.00	6,508.79	491.21	
Bridge, Concordia Estero	174		7,500.00		7,500.00	2,214.63	5,285.37	
Building for Malate School	138 and 170	66,849.11	3,000.00		69,849.11	69,248.01		601.10
Purchase of site for Tondo station	194		2,500.00		2,500.00	2,500.00		
Total		1,790,020.29	3,938,418.00	3,738,234.12	9,466,672.41	6,799,105.69	477,303.20	2,190,263.52

[a] Police department appropriation increased by the amount of municipal licenses, ₱24,740.

[b] Sewer and waterworks bond issue fund, balance brought forward includes value of supplies on hand at the beginning and end of the fiscal years.

[c] Cedula road and bridge fund and bridges, esteros, parks, and streets fund appropriations are stated under the title "Income."

[d] The income in this account includes deferred payments on real estate, ₱28,539.66.

[e] This account was merged with the sewer and waterworks construction account, Act 1707. Revenue from taxation, miscellaneous revenue, loan fund allotments not considered in this statement. General fund not considered.

INVENTORY OF THE REAL ESTATE AND IMPROVEMENTS THEREON OWNED BY THE CITY OF MANILA JUNE 30, 1913.

District.	Land.	Improvements.	Total.
San Lazaro	₱100,000.00	₱6,000.00	₱106,000.00
Intramuros	219,146.00	605,900.00	825,046.00
Binondo	234,161.00	169,220.00	403,381.00
San Nicolas	445,054.00	426,513.00	871,567.00
Santa Cruz	199,816.00	406,505.00	606,321.00
Quiapo	66,412.00	79,000.00	145,412.00
San Miguel	13,509.00	7,832.00	21,341.00
Tondo	270,792.00	371,331.00	642,123.00
Ermita	539,287.00	300,095.00	839,382.00
Malate	283,593.00	46,600.00	330,193.00
Paco	53,359.00	209,595.00	262,954.00
Pandacan	293.00	7,443.00	7,736.00
Santa Ana	90.00	1,500.00	1,590.00
Luneta extension	3,725,394.00		3,725,394.00
Botanical Gardens	782,052.00	7,000.00	789,052.00
Sampaloc	1,643.00		1,643.00
Sunken Gardens and land surrounding the Walled City	2,975,333.00		2,975,333.00
Total	9,909,934.00	2,644,534.00	12,554,468.00

INVENTORY OF THE NON-EXPENDIBLE PROPERTY (EQUIPMENT) OWNED BY THE CITY OF MANILA ON JUNE 30, 1913, AND LISTED BY DEPARTMENTS.

Municipal Board:		
Secretary's office	₱12,505.42	
Disbursing office	8,477.35	
Supply office	1,284.32	
		₱22,267.09
Law department:		
City attorney	19,274.79	
Prosecuting attorney	12,758.56	
Court of First Instance	15,341.61	
Sheriff	2,807.23	
Municipal court	4,929.25	
Justice of the peace	1,320.80	
Register of deeds	1,915.13	
		58,347.37
Fire department		423,884.86
Police department		132,087.61
City schools		93,850.68
Engineering and public works department		272,493.25
Sanitation and transportation department		537,014.53
Sewer and waterworks department		119,375.66
Sewer and waterworks construction (bond issue fund)		9,612.47
Total		1,668,933.52

CITY OF MANILA INSURANCE FUND.

Balances on June 30, 1912:			
Appropriated surplus—			
Investments—			
Philippine Islands Bank stock (par value ₱28,000)	₱39,600.00		
Public works and Philippine Islands bonds (par value)	12,000.00		
Sewer and waterworks bonds (par value)	8,000.00		
			₱59,600.00
Accounts receivable—			
Dividends accrued on bank stock	1,440.00		
Interest accrued on sewer and waterworks bonds	80.00		
			1,520.00
Cash in the Treasury			2,842.14
Appropriation fiscal year 1913			10,000.00
Operation:			
Income—			
Interest on investments—			
Interest on public works bonds	520.00		
Interest on sewer and waterworks bonds	320.00		
Dividends on bank stock	2,921.56		
Total	3,761.56		
Less 144 shares of Philippine Islands Bank stock written down from ₱275 to ₱250 each	3,600.00		
Net income			161.56
Investments:			
Acquired—44 shares of Philippine Islands Bank stock, at ₱250 each	11,000.00		

City of Manila Insurance Fund—Continued.

Balances on June 30, 1913:			
Appropriated surplus—			
Investments—			
Philippine Islands Bank stock (par value ₱37,600)	₱47,000.00		
Public works bonds (par value)	12,000.00		
Sewer and waterworks bonds (par value)	8,000.00		
		₱67,000.00	
Accounts receivable—			
Interest accrued on public works bonds	40.00		
Interest accrued on sewer and waterworks bonds	80.00		
Dividends accrued on bank stock	1,481.56		
		1,601.56	
Cash in the Treasury		5,522.14	
		74,123.70	₱74,123.70

STORES AND SUPPLIES ACCOUNT OF THE CITY.

Balance of supplies on hand on June 30, 1912	₱76,150.00
Purchases from the Bureau of Supply	558,613.01
Purchases from other bureaus and departments	26,860.32
Purchases by the direct-payment system	60,174.71
Total value of the supplies taken into account during the fiscal year 1913	721,798.04
Total value of the supplies issued to various departments of the city during the fiscal year 1913	667,513.52
Balance of supplies on hand in the general storehouse of the city of Manila on June 30, 1913	54,284.52

SEWER AND WATERWORKS CONSTRUCTION FUND (PROCEEDS FROM SALE OF BONDS).

Under authority of the Congress of the United States of America contained in section 70 of the Act of July 1, 1902, the Insular Government incurred on behalf of the city of Manila a bonded debt of ₱8,000,000 ($4,000,000 United States currency) for the purpose of constructing a system of sewers and drainage and to furnish an adequate supply of water. The operations of the fund so acquired to date are as follows:

THE ACCOUNT.

		Debit.	Credit.
Proceeds from sale of bonds:			
First series, fiscal year 1905	₱2,000,000.00		
Premium on this sale	191,250.00		
Second series, fiscal year 1907	4,000.000.00		
Premium on this sale	234,010.70		
Third series, fiscal year 1909	2,000,000.00		
Premium on this sale	45,709.12		
			₱8,470,969.82
Receipts (from sewer installation fund)			1,106.69
Expenditures:			
To include June 30, 1912 (see previous annual reports)	8,021,390.27		
Expenditures fiscal year 1913	138,897.17		
		₱8,160,287.44	
Balances on June 30, 1913:			
Stores and supplies on hand	140,041.59		
Cash in the Treasury	171,747.48		
		311,789.07	
		8,472,076.51	8,472,076.51

SEWER AND WATERWORKS BOND SINKING FUND.

			Debit.	Credit.
Balances on June 30, 1912:				
Investments—				
Sewer and waterworks bonds—				
First series		₱60,000.00		
Second series		150,000.00		
Third series		130,000.00		
Public works and Philippine Islands bonds (first series, par value)		336,000.00		
Philippine Islands Bank stock (par value ₱12,400)		17,050.00		
				₱693,050.00
Accounts receivable—Interest accrued and unpaid				620.00
Cash in the Treasury				198,874.50
Annual reservation from appropriated surplus, Act 1323				154,960.00

Sewer and waterworks bond sinking fund—Continued.

			Debit.	Credit.
Income:				
Interest on investments—				
Sewer and waterworks bonds—				
First series		₱4,057.79		
Second series		7,500.00		
Third series		8,202.22		
Interest on public works and Philippine Islands bonds		14,448.00		
Dividends on bank stock		1,240.00		
Interest on deposits		3,560.55		
Total		39,008.56		
Less—				
Premiums on investments of sewer and waterworks bonds	₱3,950.00			
62 shares of Philippine Islands Bank stock written down from ₱275 to ₱250 each	1,550.00			
		5,500.00		
Net income				₱33,508.56
Balances on June 30, 1913:				
Investments—				
Sewer and waterworks bonds—				
First series (par value)	140,000.00			
Second series (par value)	150,000.00			
Third series (par value)	230,000.00			
Public works and Philippine Islands bonds (first series par value)	308,000.00			
Philippine Islands Bank stock (par value ₱12,400)	15,500.00			
Provincial and municipal loans	188,280.00			
		1,031,780.00		
Accounts receivable; interest due and unpaid		5,913.34		
Cash in the Treasury		43,319.72		
			₱1,081,013.06	
			1,081,013.06	1,081,013.06

THE INCOME OF THE CITY OF MANILA.

[Including interdepartmental transactions.]

Revenue from taxation:		
Land tax	₱1,365,430.79	
Cedulas—Regular	120,197.00	
		₱1,485,627.79
Miscellaneous revenues:		
Sale of bank stock	11,000.00	
Aid from the Insular Government	1,250,000.00	
Municipal licenses	24,740.00	
Internal-revenue percentage (sec. 3, Act 1964)	67,156.48	
Dividends on bank stock	880.00	
Tuition fees	10,962.00	
Certificate of ownership of docked horses	348.00	
		1,365,086.48
Revenues accruing to the "bridges, esteros, parks, and streets fund," Act 1727:		
Real estate sales (not including accounts receivable)	27,844.49	
Real estate rents	21,669.48	
Rent of telephone poles	3,502.38	
Franchise taxes	64,326.91	
		117,343.26
Revenues accruing to the "cedula road and bridge fund":		
Cedulas	115,460.00	
Internal-revenue dividend, Act 1695	23,605.88	
		139,065.88
Insurance fund, city of Manila: Income		161.56
Sewer and waterworks sinking fund:		
Appropriation	154,960.00	
Earnings of the fund	33,508.56	
		188,468.56
Manila loan fund: Allotments received		515,200.00
Rice fund, city of Manila: Profit on sales of rice (net)		5.48
Sewer and waterworks construction fund (bond issue): Receipts from sewer installation fund (not including amount merged)		1,106.69

The income of the city of Manila—Continued.

Improvements Luneta extension, Ordinance 174: Miscellaneous receipts		₱43.20
Municipal Board:		
Secretary's fees	₱135.00	
Sale of ordinances	449.94	
Miscellaneous receipts	7.20	
		592.14
Law department:		
Fees—		
Municipal court (fines)	108,456.95	
Sheriff's	12,990.59	
Justice of the peace	11,096.35	
City attorney's	51.77	
Register of deeds	18,260.28	
Miscellaneous receipts	169.92	
		151,025.86
Fire department:		
Fees, city electrician's	22,720.75	
Miscellaneous receipts	1,829.82	
		24,550.57
Police department:		
Licenses—		
Liquor	125,354.21	
Entertainment	3,038.50	
Peddler's	7,948.00	
Business	40,504.33	
Vehicle	23,674.89	
Dog	14,699.40	
Miscellaneous receipts	8,865.97	
		224,085.30
City schools department:		
Escheats	82.62	
Miscellaneous receipts	1,971.70	
		2,054.32
Engineering and public works department:		
Building permits	27,878.40	
Boiler-inspection fees	4,442.87	
Water rents	67.31	
Construction and repair of buildings	63,342.16	
Labor	16,427.35	
Construction and repair of streets, etc	399,282.05	
Sale of maps and plans	64.02	
Transportation	1,445.00	
Drafting and survey services	4,613.19	
Miscellaneous	11,599.34	
		529,161.69
Sanitation and transportation department:		
City transportation	197,506.33	
Insular transportation	14,117.02	
Miscellaneous transportation	87,608.02	
Vault cleaning receipts	17,031.00	
Burial permits	4,036.70	
Pail cleaning	63,499.36	
Meat transportation	8,649.12	
Rent of niches	7,344.00	
Cementerio del Norte	21,113.28	
Market receipts	358,711.65	
Matadero receipts	99,145.38	
City pound	6,221.48	
Sale of plants, etc	9,415.99	
Sale of dead animals	3,725.00	
Labor	19,339.24	
Miscellaneous receipts	15,208.98	
		932,672.55
Sewer and waterworks department:		
Water service	454,694.03	
Sewer service	181,880.67	
Construction (repair of sewers)	46,679.65	
Plumbing	10,965.02	
Special service	1,129.34	
Sewer installation fund receipts	3,323.10	
Miscellaneous receipts	1,235.58	
		699,907.39
Assessments and collections department:		
Live-stock registration fees	8,903.00	
Vehicle equipment	7,130.67	
Weights and measures	7,265.60	
		23,299.27
Total of the gross income of the city of Manila		6,399,457.99

NOTE.—Value of supplies received, deposits by contractors, public lighting receipts not considered.

STATEMENT OF APPROPRIATIONS, REVERSIONS, AND NET APPROPRIATIONS.

Titles of the accounts.	Appropriations.	Reversions.	Net appropriations.
Departments:			
Municipal Board	₱120,000.00	₱4,950.51	₱115,049.49
Sanitation and transportation department	90,000.00	33,906.68	56,093.32
Assessments and collections department	27,000.00	399.27	26,600.73
Fire department	303,000.00	20,508.90	282,491.10
Law department	19,500.00	19,802.11	(302.11)
Police department (including municipal licenses)	574,740.00	14,869.62	559,870.38
City schools department	325,000.00	3,441.43	321,558.57
Engineering and public works department	530,000.00	23,288.82	506,711.18
Sewer and waterworks department		299,615.23	(299,615.23)
Capital operations:			
Insurance fund, city of Manila, Act 1706	10,000.00		10,000.00
Rice account, city of Manila		5.48	(5.48)
Miscellaneous:			
Public lighting, Ordinance 174	150,000.00	6,114.66	143,885.34
Public charities, amusements, etc., Ordinances 174 and 195	124,000.00	475.15	123,524.85
Donations—			
Protection of infants, Ordinance 174	1,800.00		1,800.00
Philippine Medical School, Ordinance 174	3,000.00		3,000.00
Philippine General Hospital, Ordinance 174	50,000.00		50,000.00
Firemen's relief association, Ordinance 174	1,700.00		1,700.00
Philippine Carnival Association, Ordinance 174	7,500.00		7,500.00
Extermination of mosquitoes, Ordinance 184	7,500.00		7,500.00
Fixed charges:			
Interest on sewer and waterworks bonds, Act 1323	322,400.00		322,400.00
Annual contribution to sewer and waterworks bond sinking fund, Act 1323	154,960.00		154,960.00
Payment of Insular Government loans, Ordinances 174 and 190	55,000.00		55,000.00
Interest on public works loan fund, Ordinances 174 and 190	13,818.00		13,818.00
Public works:			
Malate school, Ordinance 170	3,000.00		3,000.00
Building for city electrician, Ordinance 170	1,500.00		1,500.00
Malate school site, Ordinance 174	10,000.00		10,000.00
Improvement of Luneta extension, Ordinance 174	10,000.00		10,000.00
Parks, etc., and play-ground equipment, Ordinance 174	22,500.00		22,500.00
Bridge, Concordia Estero, Ordinance 174	7,500.00	5,285.37	2,214.63
Motor and fire-boat equipment, Ordinance 174	187,000.00		187,000.00
Launch, motorcycle, scows, and road-roller, Ordinance 174	50,000.00	30,475.00	19,525.00
Laundry, bath and toilet in Sampaloc, Ordinance 184	6,000.00		6,000.00
Vault and crematory, Cementerio del Norte, Ordinance 138		173.76	(173.76)
Motor truck for city electrician, Ordinance 174	7,000.00	492.21	6,508.79
Purchase and installation of scales, Ordinance 174	1,500.00	1,500.00	
Tondo market, Ordinance 194	3,000.00		3,000.00
Site for Tondo fire station, Ordinance 194	2,500.00		2,500.00
Bridges, esteros, parks, and streets, Act 1727	117,343.26		117,343.26
Cedula road and bridge fund, Act 1695	139,065.88		139,065.88
Purchase of road rollers, Ordinance 157		12,000.00	(12,000.00)
Total	3,458,827.14	477,303.20	2,981,523.94

OPERATING AND CAPITAL EXPENDITURES AND RECEIPTS OF THE CITY OF MANILA.

Titles of the accounts. EXPENDITURES FROM APPROPRIATED REVENUES.	Expenses of operation.	Income from operation.	Net cost of operation.	Real estate.	Public works and improvements.	Equipment.	Other expenditures and receipts.	Total expenditures.
Departments:								
Municipal Board	₱114,879.80	₱592.14	₱114,287.66			₱761.83		₱115,049.49
Sanitation and transportation department	1,009,855.75	932,672.55	77,183.20		₱7,684.79	(28,774.67)		56,093.32
Assessments and collections department	49,900.00	23,299.27	26,600.73					26,600.73
Fire department	316,443.13	24,550.57	291,892.56		454.45	(9,855.91)		282,491.10
Law department	146,661.63	151,025.86	(4,364.23)			4,062.12		(302.11)
Police department	761,054.22	224,085.30	536,968.92		513.62	22,387.84		559,870.38
City schools	314,527.14	2,054.32	312,472.82		6,279.67	2,806.08		321,558.57
Engineering and public works department	1,026,938.98	529,161.69	497,777.29		3,133.01	5,800.88		506,711.18
Sewer and waterworks department	389,583.62	699,907.39	(310,323.77)		291.28	10,417.26		(299,615.23)
Total	4,129,844.27	2,587,349.09	1,542,495.18		18,356.82	7,605.43		1,568,457.43
Self-sustaining fund:								
Insurance fund, city of Manila		161.56	(161.56)					(161.56)
Rice account, city of Manila		5.48	(5.48)					(5.48)
Total		167.04	(167.04)					(167.04)
Miscellaneous:								
Public lighting, Ordinance 157	143,885.34		143,885.34					143,885.34
Renumbering houses, Ordinance 137	1,080.95		1,080.95					1,080.95
Public charities, amusements, etc., Ordinance 174	123,524.85		123,524.85					123,524.85
Donations—								
Protection of infants, Ordinance 174	1,800.00		1,800.00					1,800.00
Medical school, Ordinance 174	3,000.00		3,000.00					3,000.00
Philippine General Hospital, Ordinance 174	50,000.00		50,000.00					50,000.00
Firemen's relief Association, Ordinance 174	1,700.00		1,700.00					1,700.00
Philippine Carnival Association, Ordinance 174	7,500.00		7,500.00					7,500.00
Extermination of mosquitoes, Ordinance 184	7,160.25		7,160.25					7,160.25
Total	339,651.39		339,651.39					339,651.39
Public works and permanent improvements:								
Vault and crematory, Cementerio del Norte, Ordinance 138					303.24			303.24
Malate school, Ordinance 138					69,248.01			69,248.01
Bridges, esteros, parks and streets, Act 1727		28,539.66	(28,539.66)	(₱3,065.97)	152,004.84			120,399.21
Cedula road and bridge fund, Act 1695	110,532.71		110,532.71		7,787.76			118,320.47
Removal and reërection of nipa houses, Ordinances 123 and 157	535.50		535.50					535.50
Sanitary improvements, Ordinance 133	4,034.60		4,034.60					4,034.60
Tondo market, Ordinance 140					8,488.10			8,488.10
Water mains, sewers, and drains, Ordinance 137					585.04			585.04

Operating and capital expenditures and receipts of the city of Manila—Continued.

Titles of the accounts.	Expenses of operation.	Income from operation.	Net cost of operation.	Real estate.	Public works and improvements.	Equipment.	Other expenditures and receipts.	Total expenditures.
EXPENDITURES FROM APPROPRIATED REVENUES—continued.								
Public works and permanent improvements—Continued.								
Improvements Luneta extension, Ordinance 137		₱43.20	(₱43.20)		₱10,043.20			₱10,000.00
Extension Calle Herran, Ordinance 157					730.68			730.68
Street work in sanitary barrios, Ordinance 157					1,324.69			1,324.69
Malate Park, Ordinance 157					13,861.79			13,861.79
Building for city electrician, Ordinance 157					14,214.27			14,214.27
Malate School, Ordinance 174				₱10,000.00				10,000.00
Parks, etc., and play-ground equipment, Ordinance 174					22,500.00			22,500.00
Bridge, Concordia Estero, Ordinance 174					2,214.63			2,214.63
Motor and fire-boat equipment, Ordinance 174						₱14,358.02		14,358.02
Launch, motorcycle, scows, road roller, Ordinance 174						19,525.00		19,525.00
Motor truck, city electrician, Ordinance 174						6,508.79		6,508.79
Tondo fire-station site, Ordinance 194					2,500.00			2,500.00
Laundry, bath, and toilet in Sampaloc, Ordinance 184					6,000.00			6,000.00
Total	₱115,102.81	28,582.86	86,519.95	6,934.03	311,806.25	40,391.81		445,652.04
Fixed charges:								
Interest on sewer and waterworks bonds	322,400.00		322,400.00					322,400.00
Annual contribution to sewer and waterworks sinking fund							₱154,960.00	154,960.00
Payment of Insular loans							55,000.00	55,000.00
Interest on public works loan fund	13,818.00		13,818.00					13,818.00
Total	336,218.00		336,218.00				209,960.00	546,178.00
Total expenditures from appropriated revenues	4,920,816.47	2,616,098.99	2,304,717.48	6,934.03	330,163.07	47,997.24	209,960.00	2,899,771.82
EXPENDITURES FROM SPECIAL FUNDS.								
Sewer and waterworks bond fund		1,106.69	(1,106.69)		139,867.46	(970.29)		137,790.48
Widening Calle Anloague loan fund					8,642.97			8,642.97
Sewer and waterworks bond sinking fund		188,468.56	(188,468.56)					(188,468.56)
Manila loan fund—unallotted							(515,200.00)	(515,200.00)
Total		189,575.25	(189,575.25)		148,510.43	(970.29)	(515,200.00)	(557,235.11)
INSULAR LOAN FUND—ALLOTTED.								
Calle Tayuman extension (project 5)					7,422.68			7,422.68
Bridges (project 6)					1,144.80			1,144.80
Improvements sanitary barrios (project 7)					100,000.00			100,000.00
Tondo market (project 8)					16,957.10			16,957.10
Streets and plazas (project 9)					139,056.50			139,056.50

Midden sheds (project 10)					1,747.37			1,747.37
Calle Dasmariñas (project 2)					165,411.43			165,411.43
Central school building (project 1)					4,494.34			4,494.34
Calle Echague (project 3)					6,800.89			6,800.89
Calle Ayala (project 4)					176.24			176.24
Total					443,211.35			443,211.35
Grand total expenditures of these funds	4,920,816.47	2,805,674.24	2,115,142.23	6,934.03	921,884.85	47,026.95	(305,240.00)	2,785,748.06

CITY OF MANILA FUNDS—MISCELLANEOUS STATEMENT.

Titles of the accounts.	Investments and supplies.	Accounts receivable.	Prepayments.	Cash.		Total.	Accounts payable.	Surplus.
				Treasury.	Other officers.			
Municipal Board			₱604.72	(₱1,604.72)	₱1,000.00			
Sanitation and transportation department		₱36,903.18	839.93	(36,064.66)		₱1,678.45	₱1,678.45	
Fire department		2,758.36	1,170.64	(2,238.02)		1,690.98	1,690.98	
Law department			1,688.95	54.31		1,743.26	1,743.26	
Police department		2,154.83	3,341.66	(647.29)	180.86	5,030.06	5,030.06	
City schools department				541.67		541.67	541.67	
Engineering and public works department		25,647.23	2,562.08	(25,493.36)	500.00	3,215.95	3,215.95	
Sewer and waterworks department		507.39		5,958.50		6,465.89	6,465.89	
CAPITAL OPERATIONS.								
Insurance fund, city of Manila	[a] ₱67,000.00	1,601.56		5,522.14		74,123.70		₱74,123.70
Stores and supplies, city of Manila	[b] 54,284.52			(35,094.23)		19,190.29		19,190.29
Miscellaneous:								
Renumbering houses, Ordinance 137				1,503.67		1,503.67		1,503.67
Extermination of mosquitoes, Ordinance 184				339.75		339.75		339.75
Malate School, Ordinances 138 and 170				601.10		601.10		601.10
Bridges, esteros, parks, and streets fund, Act 1727		28,539.66		59,106.01		87,645.67		87,645.67
Cedula road and bridge fund, Act 1695				32,053.47		32,053.47		32,053.47
Removal and reërection of nipa houses, Ordinances 123 and 157				2,010.36		2,010.36		2,010.36
Tondo market, Ordinances 140 and 194				3,000.00		3,000.00		3,000.00
Malate Park, Ordinance 157				28,878.66		28,878.66		28,878.66
Motor and fire-boat equipment, Ordinance 174				172,641.98		172,641.98		172,641.98
Total appropriations	121,284.52	98,112.21	10,207.98	211,069.34	1,680.86	442,354.91	20,366.26	421,988.65
City of Manila fund available for appropriations				50,018.18		50,018.18		50,018.18
SPECIAL FUNDS.								
Sewer and waterworks construction fund	[b] 140,041.59		233.32	171,514.16		311,789.07		311,789.07
Sewer and waterworks bond sinking fund	[a] 1,031,780.00	5,913.34		43,319.72		1,081,013.06		1,081,013.06
Widening Calle Anloague loan fund				41,357.03		41,357.03		41,357.03
Manila loan fund—Unallotted				(220,800.00)		(220,800.00)		(220,800.00)
MANILA LOAN FUND—ALLOTTED.								
Calle Tayuman extension (project 5)				5,577.32		5,577.32		5,577.32
Bridges (project 6)				74,855.20		74,855.20		74,855.20
Tondo market (project 8)				42.90		42.90		42.90

Streets and plazas (project 9)		300.30		14,842.31		15,142.61		15,142.61
Midden sheds (project 10)				12,252.63		12,252.63		12,252.63
Calle Dasmariñas (project 2)				34,588.57		34,588.57		34,588.57
Central school building (project 1)				95,505.66		95,505.66		95,505.66
Calle Ayala (project 4)				54,823.76		54,823.76		54,823.76
Grand total	1,293,106.11	104,325.85	10,441.30	588,966.78	1,680.86	1,998,520.90	20,366.26	1,978,154.64

[a] Investments. [b] Supplies.

PUBLIC WORKS AND PERMANENT IMPROVEMENTS DISBURSEMENTS.

Titles of the accounts.	Act or Ordinance No.	Administration.	Real estate.	Permanent improvements.	Maintenance.	Totals.
Bridges, esteros, parks and streets	1727		(₱3,065.97)	₱152,004.84		₱148,938.87
Cedula road and bridge fund	1695			7,787.76	₱110,532.71	118,320.47
Malate school site	174		10,000.00			10,000.00
Improvement of Luneta extension	174			10,043.20		10,043.20
Parks, etc., and play-ground equipment	174			22,500.00		22,500.00
Bridge, Concordia Estero	174			2,214.63		2,214.63
Motor and fire-boat equipment	174			14,358.02		14,358.02
Launch, motorcycle, scows, road roller	174			19,525.00		19,525.00
Motor truck for city electrician	174			6,508.79		6,508.79
New building for Malate school Do	170 138			69,248.01		69,248.01
Building for city electrician Do	147 170			14,214.17		14,214.17
Receiving vault and crematory	138			303.24		303.24
Sanitary improvements	138	₱4,034.60				4,034.60
Removal and reërection nipa houses	157	535.50				535.50
Market in Tondo	140			8,488.10		8,488.10
Street work in sanitary barrios	157			1,324.69		1,324.69
Street extension south of Herran	157			730.68		730.68
Water mains, sewers, and drains	157			585.04		585.04
Malate Park	157			13,861.79		13,861.79
Widening Calle Anloague (loan fund)				8,642.97		8,642.97
Laundry, bath, and toilet, Sampaloc	184			6,000.00		6,000.00
Extermination of mosquitoes	184	7,160.25				7,160.25
Tondo fire station, site for	194			2,500.00		2,500.00
Total of these accounts		11,730.35	6,934.03	360,840.93	110,532.71	490,038.02

DISBURSEMENTS CITY OF MANILA PUBLIC WORKS LOAN FUND.

Central School building (project 1)	₱4,494.34
Widening Calle Dasmariñas (project 2)	165,411.43
Calle Echague (project 3)	6,800.89
Calle Ayala (project 4)	176.24
Calle Tayuman extension (project 5)	7,422.68
Bridges (project 6)	1,144.80
Improvements sanitary barrios (project 7)	100,000.00
Tondo market (project 8)	16,957.10
Streets and plazas (project 9)	139,056.50
Midden sheds (project 10)	1,747.37
Total	443,211.35

DEPARTMENT OF ENGINEERING AND PUBLIC WORKS.

This department is in charge of the construction and maintenance of streets, bridges, and surface drains; maintenance and repair of municipal buildings; and inspection of buildings, plumbing, boilers, and gas supply; has partial charge of sanitary inspection, prepares all plans and estimates, constructs and supervises all municipal public works (except sewers and waterworks), including so-called sanitary barrios or districts, and makes all surveys of streets and city property.

FUNDS.

Funds available for the work of the department during the fiscal year and with balances remaining at the end of the year may be found in the report of the disbursing officer.

PERSONNEL.

The personnel of the department consisted on an average of 44 classified employees, 59 unclassified, and 1,347 skilled and unskilled laborers, making a total of 1,450 employees, of whom 32 were Americans.

ORGANIZATION.

This department is organized under the following heads: General office, streets and bridges, quarries and water transportation, drafting and surveys, inspection and design, and miscellaneous inspection.

GENERAL OFFICE.

This division records the daily progress and cost of construction and repair work; cost, disposition, and location of all expendable and nonexpendable property; prepares vouchers, pay rolls and bills; and records all communications.

The correspondence of the department during the fiscal year in communications received and sent amounted to 7,936.

During the year a system was initiated of taking into account all land owned by the city and acquired from time to time.

STREET CONSTRUCTION AND BRIDGES.

During the year there were 436,800 square meters of street gone over and patched and 80,586 square meters resurfaced. Twenty-five thousand five hundred and forty-five square meters of stone macadam and 26,253 square meters of tar macadam were laid and 12,266 square meters of tar macadam resurfaced. The department built 6,337 square meters of sidewalk and 10,734 lineal meters of curb.

Reimbursable street work amounted to something over ₱406,782, the various work performed including work on the San Lazaro estate, new port district, as well as other smaller jobs. The various steel bridges in the city received the usual attention.

There were issued during the year 1,226 permits for partial use of the streets and sidewalks for painters' scaffolding, fencing, repairing sidewalks, and miscellaneous work.

Work of a sanitary nature performed by this division consisted of street, gutter, and general drainage work in various districts of the city, principally in Tondo and San Lazaro. The total value of such work was approximately ₱100,000.

The growing need for good and durable roads has led to an increased demand for modern road construction, such as will do away with the dust and mud nuisance and give best results, considering initial cost and cost of maintenance. Macadam roads, under the combined motor-car and iron-tired traffic, have shown an excessive maintenance cost. This led to an investigation of conditions with the object of finding out how such roads could be made more durable. The results have shown that up to the present tar macadam has given the best results. The first piece of tar macadam constructed was on Calle Vidal, from Bagumbayan to Plaza Lawton, in July, 1910, covering an area of 900 square meters (one coat only). This pavement was not repaired until the latter part of June, 1911, when a thin coating of asphaltic mixture was put on at a cost of ₱0.20 per square meter. Up to the present time, July, 1913, no other repairs have been made. The pavement is in excellent condition after two years' service of heavy traffic, and no maintenance cost other than sweeping.

The bulk of the street maintenance appropriation is spent on the important thoroughfares such as Juan Luna, Sande, Reina Regente, Azcarraga, Avenida Rizal, Alix, Santa Mesa, Aviles, General Solano, San Sebastian, Taft Avenue, Arroceros, Concepcion, Marques de Comillas, Herran, Nozaleda, Real, Nueva, Aduana, etc. In other words, these streets are not local, but main arteries leading to different parts of the city that must be followed to get from any part of the city to another.

With the present equipment, which is very crude, the first cost of tar macadam is only about 80 per cent greater than ordinary macadam, while the maintenance is at least 80 per cent less. Considering that this class of pavement requires less sprinkling, that there is no mud to be hauled off the road, that the light repairs do not annoy the public, and that the consumption of crushed stone will decrease every year, it is believed that for a cheap pavement this class of construction is superior to any that has been tried to date.

There are in the city approximately 1,600,000 square meters of road surface to be maintained. Of this amount about 520,000 square meters, or 90 kilometers of streets, have been placed under a caminero system, a small portion only of which has been so cared for during the entire fiscal year. As far as can be observed at present, the results will be more than satisfactory. Outlying streets under this system are in better condition than ever before.

DRAFTING AND SURVEYS.

During the year there were 2,001 jobs of various kinds undertaken by this office, of which 1,962 were completed.

The number of expropriation plans made was 182, having a total area of 286,646.75 square meters.

The number of plans made of city properties was 37, having an area of 101, 550.57 square meters.

The properties ordered expropriated by the city on plans prepared by this office have a combined area of 199,656.35 square meters. The city properties exchanged and sold to private parties have a combined area of 27,720.49 square meters.

The total number of new plans filed in the office vault is 264.

An index plan showing all properties expropriated by the city was completed, and same is found to be a great help in checking Court of Land Registration plans.

The 1:400 plan in 148 sheets, showing the proposed locations of gas mains, was completed at the beginning of the year.

Plans of street system were prepared, approved, and established for three sections of the city, and also building lines for three single streets, and the cross-section for four streets.

QUARRIES AND WATER TRANSPORTATION.

During the year rock for street purposes was secured partially from the city quarry at Talim and partially from the Rizal Quarry Company by contract. The average cost of the rock received from the city quarry was ₱1.19 at the quarry, and under contract ₱1.48, per cubic meter. Transportation from the quarries to Manila averaged ₱1.56 per cubic meter.

INSPECTION AND DESIGN.

This office checks plans, issues building permits, inspects private building operations, sees that building ordinances are being complied with, and is also charged with the design of bridges, culverts, miscellaneous structures, and buildings other than those which are designed by the Consulting Architect. This office is also directly in charge of the public works of the city.

For the construction and repair of private buildings 7,576 permits were issued for construction of an estimated value of ₱3,711,500. For miscellaneous purposes 1,235 permits were issued, 67 being issued gratis. Of the above, strong-material buildings of new construction were valued at ₱2,938,310 and concrete buildings at ₱617,000, or 20.9 per cent of the total value of the strong-material buildings. Notwithstanding the slump in building operations which occurred in November, December, and January, the total in construction values during the year compares very favorably with the preceding year, as is shown by the following table:

Year.	Permits issued.			
	Building construction.	Miscellaneous.	Total.	Construction value.
1912	6,804	1,196	8,000	₱4,010,060
1913	7,576	1,235	8,811	3,711,500

A model public laundry, bath, and toilet building and four new midden sheds were constructed during the year.

The following are the more important projects completed or started during the year under the supervision of this division:

Project.	Construction—		How constructed.	Cost.	Remarks.
	Started.	Completed.			
Malate School	May, 1912	Apr., 1913	Contract	₱76,005	20-room, 1-story, reënforced concrete building.
City electrician building.	do	Aug., 1912	do	16,216	
Tondo market	do	Feb., 1913	Administration.	25,445	Old Herran market.
Tondo market floor and benches	Jan., 1913	Apr., 1913	Contract	10,697	Modern concrete construction.
Tondo market live fish tanks.	Apr., 1913	(a)	Administration.	1,834	Do.
Laundry, bath, and toilet.	Feb., 1913	June, 1913	do	5,900	
Concordia bridge	Jan., 1913	Feb., 1913	Contract	2,212	Temporary construction 50-foot Howe truss.
Vitas estero wall	June, 1912	Aug., 1912	do	16,073	Combined masonry and concrete.
Central School				121,000	Estimated, plans completed and advertised.
Azcarraga bridge				45,000	Estimated, plans completed.
Tondo fire station				27,500	Do.
Paco market midden shed.				4,500	Estimated, plans 90 per cent completed.

[a] Not finished.

The Malate school is a 20-room, 1-story, reënforced concrete building with cement tile roof, located on Calle San Andres, between Calles Georgia and Wright. The cost includes preparation of plans, engineering, inspection, etc., and is approximately ₱56.70 per square meter of floor area.

The city electrician's office and laboratory is a 2-story reënforced concrete building with galvanized-iron roof and is located on Calle Arroceros, near the city shops. The cost includes preparation of plans, engineering, etc., and is approximately ₱57.30 per square meter of floor area (area of one floor only).

The Tondo market was rebuilt from the material taken from the old Herran Market at a cost of approximately ₱10.04 per square meter of floor, exclusive of concrete floor and benches.

This market is located on the Vitas Estero, near the Pretil Bridge, Tondo. It contains 387 market bench units and has a daily rental value of ₱77.40 when fully occupied.

BOILER INSPECTION.

Thirty-five new boilers were installed during the year, having a horsepower of 1,858; 6 new internal-combustion motors were installed, having a horsepower of 191.

Nineteen boilers were condemned or removed to the provinces, and 2 internal-combustion motors were condemned.

There were also 2 new passengers elevators installed during the year, making a total of 5 passenger and 2 freight elevators in Manila.

One hundred and sixty-one annual boiler inspections were made and licenses issued during the year, 25 annual gas-motors inspections, and 7 annual elevator inspections were made.

The total horsepower of boilers now installed in the city of Manila is 10,936, and gas motors 419. The increase in horsepower of boilers and gas motors over that of last year was 496.

GAS INSPECTION.

This division was organized in October, 1912, and has supervised the work of installing gas mains and connections throughout the city.

Work was started by the Manila Gas Company on its distribution system on October 7, and since that time has continued steadily at an average rate of from 6,000 to 10,000 meters per month, so that now there are in place approximately 66,000 meters of pipe of various sizes, leaving only 9,000 meters yet to be laid to fufill the terms of the franchise. The distribution system in the various parts of the city is thus nearly completed.

An ordinance regulating the supply of gas to the city of Manila has been prepared and is now under consideration. The ordinance has been prepared after a careful study of American and British practice as recommended by the United States Bureau of Standards in their model ordinance (Circular 32) and the model gas bill passed by the British House of Parliament in 1912 (Gas World Yearbook, 1913).

The gas plant is about 80 per cent completed and will be able to deliver gas to the city by October 15, 1913.

PLUMBING INSPECTION.

There were 781 plumbing jobs inspected during the year, of which 285 were for new buildings, the estimated cost of all plumbing work being ₱1,006,777.60.

The number of licensed plumbers in the city is 26.

POLICE DEPARTMENT.

STRENGTH OF DEPARTMENT.

One chief of police, 1 assistant chief of police, 6 captains, 22 first-class sergeants, 128 first-class patrolmen, 16 second and third class sergeants, 21 second-class patrolmen, 266 third-class patrolmen. First class is composed of Americans, second and third classes of natives.

Office force: Americans, 4; Filipinos, 9; Chinese, 1.

PRISONERS APPREHENDED.

There were 18,970 arrests during the year, which is an increase of 1,237 over the previous year. The offenses for which the greater number of arrests were made are as follows:

Crime.	1910	1911	1912	1913
Gambling and conducting gambling	4,755	4,228	4,332	5,135
Disorderly conduct	671	488	587	1,009
Cruelty to animals	1,533	1,570	2,006	1,778
Violation of opium law	729	588	1,229	722
Blocking the highway	188	170	110	130
Theft	644	1,053	1,483	1,196
Violation of license regulations	175	322	340	288
Vagrancy	231	286	402	415
Larceny	150	114	96	103
Assault	275	309	425	336
"Estafa"	159	216	304	309

Males arrested	14,504
Females arrested	4,466
Total	18,970

By nationality.

Americans	599
Natives	15,422
Europeans	113
Chinese	2,729
Japanese	45
East Indians	44
Malays	3
Australians	7
Arabians	1
Cubans	1
Persians	1
Turks	1
Syrians	2
South Americans	2
Total	18,970

By stations.

Secret service bureau	3,851
Luneta police station	5,389
Meisic police station	5,216
Sampaloc police station	1,880
Tondo police station	1,682
Paco police station	952
Total	18,970

FIREARM PERMITS.

Action was taken on firearm permits as follows:

Applications acted on	388
Approved	339
Disapproved	32
Pending	17
Permits issued for purchase of ammunition	731

Regular licenses issued	361
Hunting licenses issued	3
Regular licenses canceled	226
Hunting licenses canceled	2

Firearms licensed in the city of Manila:

Shotguns	725
Rifles	288
Revolvers	591
Total	1,604

CINEMATOGRAPH INSPECTION.

During the year 2,581 permits were issued for cinematograph films after same were inspected. These aggregated a total of 2,570,023 feet.

PATROL WAGONS.

The patrol wagons responded to 5,699 calls—275 fast and 5,424 ordinary. The wagon at Luneta station answered 86 fast and 1,991 ordinary, and the wagon at Meisic station 189 fast and 3,433 ordinary calls.

SUMMARY COURT.

There were 114 trials by summary court, the amount realized from fines being ₱692.87.

POLICE FUND.

Balance on hand July 1, 1913	₱3,963.16
Receipts from fines	692.87
Donations from different sources	129.73
Interest on fixed deposits	140.00
Refund	6.00
Total	4,931.76
Expenditures	662.00
Balance on hand June 30, 1913	4,269.76

PUBLIC HEALTH WORK.

Nineteen third-class patrolmen are regularly detailed with the Bureau of Health for service in enforcing the provisions of the sanitary regulations.

SECRET SERVICE BUREAU.

One chief, 11 American detectives, 13 native detectives, 2 messengers.

The bureau recovered stolen money to the amount of ₱12,710.30, and stolen property to the value of ₱26,738.075. Fines and confiscations from gambling games, ₱28,316.995. Fines and confiscations for violations of Opium Law, ₱7,500.

Confiscated, found, and stolen property.

Total entries received up to and including end of year	3,132
Entries received during the year	388
Entries returned to owners, administrators, etc	27
Entries of money, amounting to ₱481.19, deposited with the Insular Treasurer to credit of "trust fund of the Manila police department"	51
Entries remaining on hand	615

Persons measured and photographed, 1,162; finger prints taken, 1,135; measurements verified, 773; identifications, 2,000; records furnished, 1,178; persons received without records, 4,581. Total number of persons handled by the identification department of the bureau, 10,829.

Foreign ships arriving in Manila Bay, 728; departing ships for foreign ports, 729; 81 arriving and 153 departing ships were not boarded by an agent of the bureau.

OFFICES OF THE LAW DEPARTMENT.

The law department consists of six offices—the city attorney, office of the prosecuting attorney, office of the municipal court, office of register of deeds, office of the justice of the peace, office of the sheriff.

OFFICE OF THE CITY ATTORNEY.

The force of this office at the end of the fiscal year 1913 consisted of 13 employees, to wit, city attorney, assistant city attorney, 10 clerks, and 1 messenger.

Administrative labors during the fiscal year 1913:

Opinions written	74
Ordinances prepared	19
Bonds, contracts, deeds, etc., prepared	253
Suits by and against the city attended to	170
Letters sent	1,121
Letters received	1,100

Case attended during the fiscal year 1913.

Court.	Finished.				Pending.	Total cases.
	Won.	Lost.	Dismissed.	Total.		
Philippines Supreme Court	3	1		4	13	17
Court of First Instance	5	3	7	15	17	32
Court of Land Registration	41	1	7	49	44	93
Justice of the peace	3	1	2	6	22	28
Total	52	6	16	74	96	170

Total of cases fiscal year—	
1912	167
1913	170
Increase of cases fiscal year 1913	3

OFFICE OF THE PROSECUTING ATTORNEY.

The personnel of this office at the end of the fiscal year 1913 consisted of 17 employees, as follows: Prosecuting attorney, 5 assistant prosecuting attorneys, 9 clerks, 1 interpreter, and 1 messenger.

Work performed by this office during the fiscal year 1913.

Investigations held	29,553
New cases instituted, Court of First Instance	1,268
Cases appealed from the municipal court	351
New cases instituted, municipal court	23,025
Search warrants, municipal court	3,223
Cases disposed of in the Court of First Instance, including pending from last annual report	1,476
Coroner's inquests held	164

Disposition of cases in Court of First Instance during the fiscal year 1913.

Convictions	1,142
Acquittals	214
Dismissals	61
Deportations	51
Demurrer sustained	6
Demurrer overruled	2
Extradition expedited	1
Search warrant, property found	3
Search warrant, property not found	4
Sent to Hospicio de San José	1
Sent to Lolomboy (minor)	2
Cases pending:	
Awaiting trial	86
Defendants not arrested	59
For the decision	5
Sentence suspended	5

OFFICE OF THE MUNICIPAL COURT.

The personnel of this office at the end of the fiscal year 1913 consisted of 1 judge, 6 clerks, 1 interpreter, and 1 messenger.

Work performed by this office during the fiscal year 1913.

Cases filed	22,977
Cases tried	22,101
Cases pending June 30, 1913:	
Set for trial	250
Not arrested	714
Subpoenas issued	1,410
Search warrants issued	3,223
Warrants for arrest issued	1,975
General warrants issued in 4,728 cases against 1,525 defendants	15

Work performed by this office during the fiscal year 1913—Continued.

Defendants tried	27,040
Males	22,620
Females	4,420
Defendants with bail	5,198
Defendants without bail	19,663
Defendants summoned and tried	2,179
Filipinos	24,126
Americans	457
Chinese	2,214
Other nationalities	243
Persons tried	18,230
Persons sent to Bilibid	2,097
Persons violating Cedula Law	3,460
Persons paid fines after being sent to Bilibid	85
Persons fined for contempt of court	5
Persons committed to Bilibid after suspension of sentence	18
Cases appealed by prosecuting attorney	2
Minors transferred to Bilibid from the Hospicio de San José	7
Marriage ceremonies performed	17
Acquitted on cedula charges	802
Acquitted on other charges	1,020
Dismissed on cedula charges	5,564
Dismissed on motion of prosecuting attorney	165
Dismissed on motion of prosecuting witness	49
Other dismissals	625
Dismissed not arrested, cedula charges	166
Dismissed not arrested, other charges	198
Minors committed to Hospicio de San José	151
Paupers committed to Hospicio de San José	11
Paupers committed to San Lazaro Hospital	1
Appealed	431
Sent to Bilibid (number of commitments)	4,388
Defendants paid fines	11,605
Sentence revoked and cedula produced	1,653
Bail forfeited	43
Served in Luneta police station	37
Sentence suspended on condition	65
Sentence suspended pending departure from the Philippine Islands	23
No punishment or special sentence	4
Demurrer sustained, case dismissed	25
Cover by sentence in other cases	14

OFFICE OF THE REGISTER OF DEEDS.

The personnel of this office at the end of the fiscal year 1913 consisted of 14 employees, all Filipinos, as follows: Register of deeds, 12 clerks, and 1 messenger.

Work performed by this office during the fiscal year 1913.

Nature of work.	Mortgage Law.	Act No.—			
		496.	1288.	1508.	1699.
Total titles presented	900				
Certificates of entries issued	73				
Statement and researches	25				
Notes of consolidation	22				
Decrees of court transcribed		300			
Entries made		1,595			
Certificates of titles issued		1,069			
Additional copies		164			
Certified copies of documents		132			
Professional titles recorded		8			
Documents presented			157		
Certified copies			5		
Statements			4		
Documents presented				617	
Record certified					257
Total	1,020	3,268	166	617	257

OFFICE OF THE JUSTICE OF THE PEACE.

The force of this office during the fiscal year 1913 consisted of 5 Filipino employees, to wit, justice of the peace and 4 clerks.

Work performed by this office during the fiscal year 1913.

Pending cases before July 1	90
Suits entered in docket during the fiscal year	3,705
Suits decided	2,820
Suits decided and appealed	141
Suits closed on dismissal	684
Pending cases	60
Marriage certificates	3,070
Marriages solemnized	47
Books of commerce sealed	284
Oaths	14
Depositions	5
Certified copies	34

OFFICE OF THE SHERIFF.

The personnel of this office at the end of the fiscal year 1913 consisted of 9 employees, as follows: Ex officio sheriff, 6 deputy sheriffs, and 2 clerks.

Work accomplished during the fiscal year 1913.

Attachments	196
Attachments discharged	8
Bench warrants	8
Citations:	
Civil	1,122
Criminal	4,612

Work accomplished during the fiscal year 1913—Continued.

Certificates of sale	8
Delivering possession	2
Executions	1,005
Garnishments served	342
Indemnity Bonds	38
Injunctions	17
Letters written	274
Notices to Registrar	43
Notifications	611
Orders of ouster	115
Orders of arrest:	
Civil	4
Criminal	926
Orders of sale	1
Orders to show cause	7
Orders to take possession	2
Posting notices	348
Prisoners—	
Committed	594
Incarcerated	385
Released	2
Bailed	18
Sales advertised	184
Sales made	108
Summons	2,896
Writs of habeas corpus	25
Writs of replevin	43
Foreclosure, chattel mortgages	53

FIRE DEPARTMENT.

PERSONNEL.

The personnel during the year was as follows: one chief; 1 deputy chief; 1 chief of construction and repair; 1 mechanic; 8 captains; 13 lieutenants; 7 engineers, first-class; 7 engineers, second-class; 46 firemen, first-class; 50 firemen, second-class; and 3 clerks.

Electrical division.—One city electrician, 1 superintendent of fire and police alarm system, 1 electrical inspector, 1 foreman of outside construction, and 4 clerks.

EQUIPMENT.

The apparatus and equipment of the department at the present time consists of the following:

In service.—Five steam fire engines, horse-drawn; 2 motor fire engines; 1 chemical engine, horse-drawn; 2 combination chemical and hose wagons, horse-drawn; 4 hose wagons, horse-drawn; 1 hook and ladder truck, horse-drawn; 1 fuel wagon, horse-drawn; 1 motor supply wagon (in service as hose wagon); 1 chief's motor; and 1 deputy chief's motor.

In reserve.—One chemical engine, horse-drawn; 2 hose wagons, horse-drawn; and 2 chief's buggies.

Out of service.—One Waterous gasoline engine, horse-drawn (unserviceable); 1 hook and ladder truck, horse-drawn (unserviceable); 1 aërial hook and ladder truck, motor (new).

Betterments.—The sum of ₱187,000 was appropriated for the purchase of motor fire apparatus and fire-boat equipment. Of this amount ₱12,000 was allowed for fire-boat equipment and ₱175,000 for the purchase of new motor apparatus to replace the horse-drawn apparatus.

In July, last, a tentative agreement was made with the Bureau of Navigation by which said Bureau agreed to keep several launches prepared for fire service at all hours. The city agreed to pay the cost of installing fire pumps on the launches and the Bureau agreed to maintain them without cost to the city. It is thought that when the new pumps are installed on the launches the efficiency of the fire department in fighting fires along the water front and among shipping in the Pasig River and Manila Bay will be greatly increased. The pumps for the launches have been ordered by the Bureau of Navigation and is expected that the new arrangement will be in force within the next few months.

An order was placed with manufacturers in the United States for 4 Webb motor combination pumping engines and hose wagons; 3 White motor combination chemical and hose wagons; 1 La France aërial hook and ladder truck; 1 Seagrave city service hook and ladder truck; and 1 chief's motor. One motor supply wagon and 1 deputy chief's motor were purchased in Manila.

Of the motor apparatus ordered in the United States only one piece has so far been received, the aërial hook and ladder truck, which was received on July 23, 1913. This truck has not yet been put in service as it is desired to familiarize the men with its workings before running it to fires.

FIRES.

One hundred and fifty-four fires occurred in the city during the year, which is 1 less than the number for the fiscal year 1912 and 8 more than occurred during the fiscal year 1911. The department also responded to alarms for 3 fires beyond the city limits.

The fire loss during the year was ₱1,609,439, which is nearly ₱2,000,000 less than the loss during the fiscal year 1912. The loss for this year has been exceeded in only two years since the organization of the fire department—in 1903 and 1912. (For fire loss in detail see Appendixes A and B.)

The number of large fires during this year was greater than the number for any year since the organization of the fire department, 26 second and special alarms being necessary as against 22 in 1912, which was the largest number heretofore.

WATER SUPPLY.

Regular inspections of each district were made by the proper officer and fire hydrants were inspected monthly by opening of the plugs and flushing out the valves.

Forty new fire hydrants were installed during the year. This makes a total of 660 post fire hydrants in service, with a pressure at the hydrants of from 32 to 45 pounds.

EXPLOSIVES AND COMBUSTIBLES.

One thousand four hundred and ninety-six inspections were made under the provisions of section 429 of the Revised Ordinances, and 28 violations of the ordinances relating to the storage of combustibles were discovered.

Four hundred and forty-four permits for the transportation of explosives and combustibles were issued.

On June 30, 1913, there were 508 licenses in force for conducting theaters, engaging in dangerous trades, and the storage of combustibles and explosives, all of which are under the supervision of this department.

ELECTRICAL DIVISION.

Alarm system.—There are now 180 fire-alarm boxes in service, 7 new boxes having been added during the year. All boxes have been thoroughly inspected, tested, and kept in perfect working order, and have transmitted all alarms properly.

The total number of police boxes in service is 155.

Inspection testing.—This work includes the inspection of all electrical wiring and equipment within the city of Manila, both inside of building as well as outside electrical construction.

There were 9,950 inspections of new electrical installations made during the year.

There were 67 condemned notices issued during the year to the owners or users of the old and hazardous installations, giving them sufficient time for the necessary repairs.

Eight hundred thirty-seven electric meters were tested in the laboratory of this division during the year, in accordance with section 321, chapter 19, Revised Ordinances, city of Manila. Eight hundred twenty of these were found correct within 3 per cent, as provided by law, and 17 incorrect.

Street lighting.—The following table shows the total number of street lights, including the installation of 8 ornamental standards, now in service, June 30, 1913:

Type.	In service June 30, 1913.	Installed.	Removed.
Arcs	479		2
Incandescents	853	4	1
Eight ornamental standards, 6-5 light and 2-3 lights each	36		
Total	1,368	4	3

The outages for the year amounted to 12,016.10 lamp hours, for which deductions were made from the monthly street lighting bills. These outages were taken from the police reports.

FIRE ESCAPES.

There have been no fires involving large loss of life. There is in course of preparation an ordinance covering the installation of adequate fire escapes on all buildings and structures requiring them, and this work, when completed, will afford additional protection to factory buildings and others on which fire escapes are deemed necessary.

Appendix A.

Fires.

Month.	Fires.	Value of—		Insurance.	
		Buildings.	Contents.	Buildings.	Contents.
July	4	23,000	₱12,900	5,000	
August	6	282,500	486,000	50,500	₱308,000
September	10	287,730	295,000	126,000	157,000
October	9	166,695	70,578	149,000	75,500
November	12	399,655	430,605	225,400	280,000
December	15	319,065	674,180	104,300	623,500
January	8	542,956	1,201,675	52,000	111,000
February	14	351,600	165,700	195,000	92,000
March	24	1,515,530	3,063,721	365,500	1,542,750
April	21	471,265	513,315	348,400	485,800
May	16	410,835	423,330	243,000	234,700
June	15	489,880	1,687,200	365,000	453,000
Total	154	5,260,711	9,024,404	2,239,100	4,463,250
Fiscal year—					
1912	155	4,527,894	9,756,154	1,850,800	5,211,780
1911	146	1,883,730	3,240,861	406,230	1,431,000
1910	102	3,245,741	9,018,968	901,500	1,678,600

Fires—Continued.

Month.	Loss.		Insurance loss.	
	Buildings.	Contents.	Buildings.	Contents.
July	₱7	₱9		
August	1,542	26,000	₱2	₱25,800
September	10,275	53,510	2,475	53,480
October	41	221	10	207
November	8,941	17,726	8,230	17,105
December	30,221	111,523	27,500	111,401
January	51,400	52,855	32,300	51,155
February	1,240	6,267	1,200	6,168
March	177,435	687,587	157,205	637,760
April	12,090	22,415	11,310	21,365
May	32,365	21,011	4,203	10,210
June	111,072	173,687	110,700	97,250
Total	436,629	1,172,810	355,135	1,032,919
Fiscal year—				
1912	585,241	2,857,416	448,098	1,888,792
1911	282,648	215,336	66,659	79,086
1910	467,678	748,301	299,578	386,085

Appendix B.

Comparative statement of annual fire losses in the city of Manila since the organization of the present fire department.

Fiscal year:		Fiscal year:	
1902	₱50,085.00	1908	₱280,516.62
1903	1,670,649.90	1909	342,452.45
1904	468,911.00	1910	1,215,980.00
1905	135,931.00	1911	497,984.00
1906	76,034.80	1912	3,442,657.00
1907	677,709.00	1913	1,609,439.00

Appendix C.

Alarms.

Alarms from street boxes	104
Still alarms (telephone and verbal)	33
False alarms—	
Boxes	5
Auxiliary fire alarm system at San Lazaro Hospital	2
Still	714
No alarms (department not called)	20
Total	171

DEPARTMENT OF ASSESSMENTS AND COLLECTIONS.

REAL ESTATE TAX.

The total assessed value of taxable real estate in the city of Manila as shown by the 1913 tax rolls is ₱90,222,751, which is ₱4,378,830 more than the year 1912. Improvements valued at ₱4,632,720, completed during the calendar year 1912, were added to the tax rolls, but this addition was in a measure offset by the effects of various destructive fires and by the acquisition of land by the city of Manila for street and park purposes.

The following table shows the assessed value of all taxable and exempt real estate in the city:

Total values.

Kind.	Land.	Improvements.	Total.
Taxable property	₱45,446,075	₱44,776,676	₱90,222,751
Exempt property	31,631,927	27,438,949	59,070,876
Grand total	77,078,002	72,215,625	149,293,627

Classification of exempt property.

Owner.	Land.	Improvements.	Total.	Per cent.
Insular Government	₱15,007,001	₱9,101,192	₱24,108,193	16.2
United States Army	2,666,131	1,881,300	4,547,431	3.0
City government	9,909,934	2,644,534	12,554,468	8.4
Total Government ownership	27,583,066	13,627,026	41,210,092	
Roman Catholic Church and orders	3,041,320	12,441,398	15,482,718	10.4
Protestant churches	300,506	722,400	1,022,906	} .7
Philippine Independent Church	5,879	27,000	32,879	
Total churches and religious orders	3,347,705	13,190,798	16,538,503	
Schools, hospitals, etc	701,156	621,125	1,322,281	.9
Total exempt	31,631,927	27,438,949	59,070,876	39.6

From the above it will be noted that practically 40 per cent of the real property in the city is exempt from taxation.

Real-estate taxes to the amount of ₱1,365,871.91 were collected during the fiscal year as compared with ₱1,299,436.79 collected during the fiscal year 1912, an increase of ₱66,435.12.

The amount of delinquent taxes outstanding at the close of the fiscal year 1913 is ₱22,500.33.

The following comparative statement shows the value, by districts, of new buildings assessed during each calendar year from 1909 to 1912, inclusive:

District.	1909.	1910.	1911.	1912.
Intramuros	₱360	₱28,640	₱8,680	₱32,765
Binondo	19,310	112,760	306,030	853,341
San Nicolas	69,910	92,230	113,406	221,050
Santa Cruz	41,710	68,780	175,500	289,770
Quiapo	21,100	67,710	166,200	106,465
San Miguel	51,000	72,480	106,530	95,100
Sampaloc	87,044	365,080	337,390	294,795
San Lazaro	85,346	115,470	184,265	143,200
Tondo	146,191	139,600	121,340	191,020
Ermita	302,315	193,025	307,090	1,232,592
Malate	87,715	135,253	429,530	460,802
Paco	47,836	61,480	128,910	319,660
Pandacan	17,680	9,960	25,530	160,920
Santa Ana	32,240	21,712	27,130	41,240
Port				190,000
Total	1,009,757	1,484,180	2,437,531	4,632,720

Attention is invited to the fact that the value of the new buildings erected during the calendar year 1912 is almost equal to the value of those erected during the three preceding years.

The following is a comparative statement of the net tax assessed for each calendar year, 1909 to 1912 inclusive, by districts:

District.	Net tax assessed December 31— 1909.	1910.	1911.	1912.
San Lazaro	₱12, 875. 19	₱14, 002. 84	₱15, 215. 07	₱16, 914. 27
North Tondo	34, 058. 71	35, 549. 28	36, 591. 27	37, 523. 94
Tondo	34, 467. 49	34, 148. 04	34, 700. 64	35, 439. 62
San Nicolas	201, 902. 86	201, 820. 34	196, 173. 69	197, 595. 91
Binondo	282, 616. 53	281, 988. 93	293, 877. 95	293, 147. 33
Santa Cruz	132, 136. 79	132, 427. 54	134, 023. 86	135, 303. 46
Quiapo	74, 898. 35	75, 054. 65	75, 813. 53	77, 667. 89
San Miguel	78, 960. 98	78, 134. 09	80, 613. 54	80, 538. 20
Sampaloc	38, 326. 01	36, 937. 78	37, 340. 72	38, 015. 77
Santa Mesa	26, 443. 92	27, 087. 99	31, 363. 75	35, 161. 44
Intramuros	71, 761. 74	71, 710. 57	69, 390. 64	70, 229. 37
Ermita	109, 698. 79	111, 265. 37	111, 673. 27	114, 344. 50
Malate	56, 920. 39	57, 413. 07	61, 602. 98	66, 546. 21
Paco	62, 602. 42	67, 277. 61	64, 697. 37	64, 980. 46
Pandacan	6, 364. 96	6, 679. 17	7, 447. 70	7, 004. 51
Santa Ana	14, 601. 40	15, 217. 36	17, 219. 97	18, 138. 94
Total	1, 238, 636. 53	1, 246, 714. 63	1, 267, 745. 95	1, 288, 551. 82

MATADERO.

The collections from this source during the fiscal year amounted to ₱99,145.38, as compared with ₱113,204.01 during the fiscal year 1912, a decrease of 14,058.63.

There were slaughtered and removed for consumption during the fiscal year 70,640 animals, weighing, dressed, 3,304,846 kilos, as compared with 76,807 animals weighing, dressed, 3,773,467 kilos slaughtered and removed during the fiscal year 1912.

This falling off in the receipts of the Manila matadero is accounted for by the fact that all cattle imported from Australian ports during the whole of the fiscal year of 1913 and during approximately eleven months of the fiscal year 1912 were landed at the Sisiman matadero for slaughter and the fees derived from this source are credited to the Bureau of Agriculture.

The following comparative statement shows the number and kind of animals slaughtered and removed for consumption, the weight of dressed meat, and the fees collected at the rate of 3 centavos per kilo on dressed meat, during the fiscal years 1910 to 1913 inclusive:

Fiscal year—	Cattle.		Hogs.		Sheep.		Total.		Fees collected.
	Number.	Weight.	Number.	Weight.	Number.	Weight	Number.	Weight.	
		Kilos.		*Kilos.*		*Kilos.*		*Kilos.*	
1910	25, 729	3, 430, 814	63, 177	2, 903, 038	1, 032	8, 062	89, 938	6, 341, 914	₱190, 257. 42
1911	26, 999	3, 621, 573	65, 501	3, 027, 317	1, 047	9, 056	93, 574	6, 657, 946	199, 738. 38
1912	5, 070	672, 074	70, 213	3, 090, 815	1, 224	10, 578	76. 507	3, 773, 467	113, 204. 01
1913	1, 590	136, 957	67, 700	3, 156, 004	1, 350	11, 885	70, 640	3, 304, 846	99, 145. 38

PUBLIC MARKETS.

There were collected as market-stall rentals during the fiscal year ₱358,711.65, as compared with ₱319,666.05 collected during the fiscal year 1912, an increase of ₱39,045.60, or over 12 per cent.

There was a small increase in each of the older markets except those in the outlying districts—Pandacan and Gagalangin. The large increase was due to the new market in Paco, which was open for only a few months during last year, and the opening of the new Tondo market on Juan Luna. The receipts of the Paco market were far in excess of any collection ever made in the former Herran market, which the Paco market superseded. The new Tondo market was opened on April 15, 1913, and up to the end of the fiscal year the collections averaged over ₱36 per day. The revenues of this market will show a decided increase when the selling of fish on the Tondo beach is prohibited.

The following comparative statement shows the amount of stall rents collected in each of the city markets during the fiscal years 1910 to 1913, inclusive:

Market.	Total, year ended June 30—			
	1910	1911	1912	1913
Divisoria	₱148,434.00	₱155,180.80	₱163,771.00	₱165,496.00
Quinta	71,533.45	73,852.80	81,739.95	99,189.80
Arranque	28,254.65	35,593.05	37,799.55	40,862.55
Herran	15,244.90	16,275.00	14,375.60	
Sampaloc	9,495.75	9,418.50	10,181.35	11,451.85
Anda	1,783.90			
Santa Ana	1,525.95	1,913.35	2,154.15	2,176.35
Gagalangin	1,376.45	1,891.45	2,234.35	2,007.75
Pandacan	1,037.80	1,226.30	1,476.00	1,437.75
Paco			5,934.20	33,253.80
Tondo				2,835.80
Total	278,736.85	295,351.25	319,666.05	358,711.65

MUNICIPAL LICENSES.

The following comparative statement shows the receipts from the issue and transfer of the various classes of municipal licenses and permits and sale of public-vehicles equipment (number plates, etc.) during the fiscal years from 1910 to 1913, inclusive:

Class of license.	Fiscal year—			
	1910	1911	1912	1913
Liquor	₱157,968.24	₱145,542.34	₱140,121.70	₱125,354.21
Business (license and permit)	31,653.59	33,824.67	37,285.76	40,504.33
Dog	16,765.42	10,217.71	8,864.74	14,699.40
Peddler	8,951.00	8,045.50	7,648.00	7,948.00
Entertainment	14,410.00	3,250.50	2,933.50	3,038.50
Public vehicle	13,908.08	19,219.68	20,579.02	23,674.89
Sales of vehicle equipment	1,042.40	3,255.60	4,109.44	7,130.67
Total	244,698.73	223,356.00	221,542.16	222,350.00

The receipts from liquor licenses have decreased steadily during the past eight years, with the exception of a slight increase during the fiscal year 1909 over the preceding year.

The following statement shows the number of each kind of public vehicle in the city licensed on June 30 of the years 1909 to 1913, inclusive:

	Year ending June 30—				
	1909	1910	1911	1912	1913
Passenger vehicles:					
Public	2,666	2,991	2,901	3,141	3,031
Livery	295	356	362	420	384
Freight vehicles:					
Public	776	930	1,018	1,099	1,119
Livery	3	10	38	33	33
Automobiles:					
Passenger	20	52	97	132	170
Freight	--------	8	5	7	23
Total	3,760	4,347	4,421	4,832	4,760

CATTLE REGISTRATION.

Municipal Ordinance No. 106, "The Cattle Registration Ordinance" provides for two kinds of registration, one to be covered by certificates of ownership and one to be covered by certificates of registration.

During the fiscal year 6,905 certificates of ownership and 1,961 certificates of registration were issued at a uniform fee of ₱1. The total collection for the year was ₱8,903, a decrease of ₱3,271, as compared with the collections during the fiscal year 1912.

Act No. 2101, effective April 1, 1912, requires a payment of ₱2 a year for each docked horse owned or possessed. This produced a revenue of ₱348 during the fiscal year 1913.

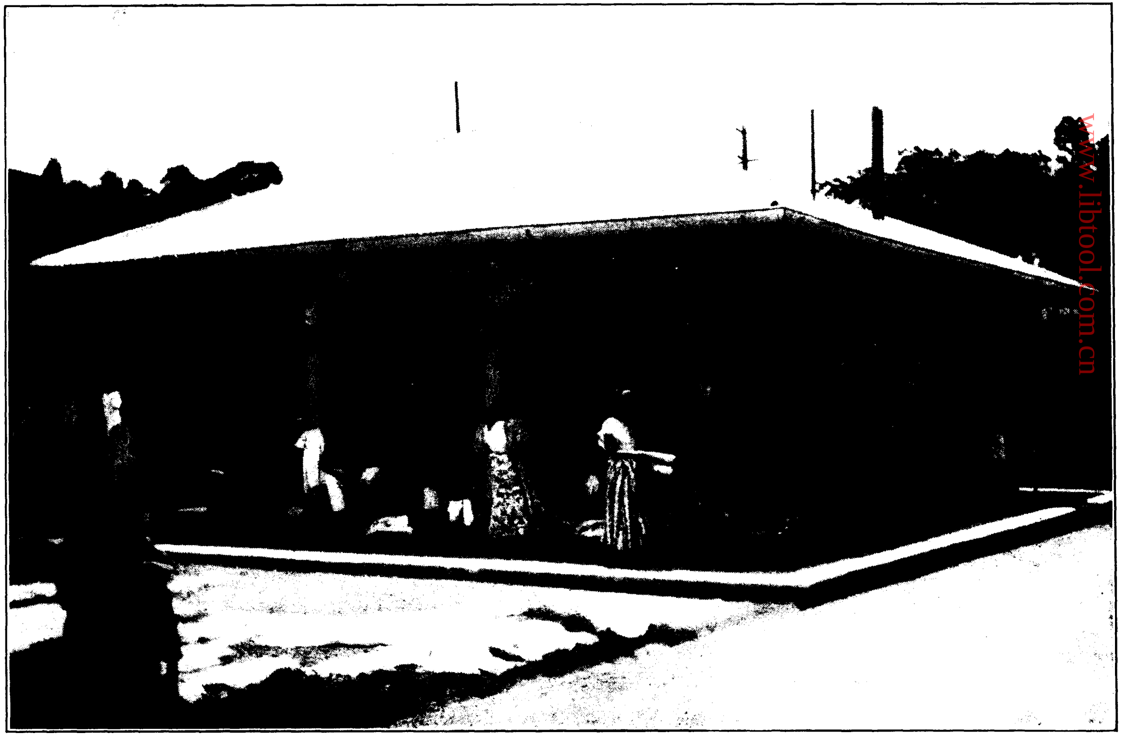
RENTALS OF CITY PROPERTY.

During the period covered by this report there was collected as rentals for the use of city property the sum of ₱21,610.92, as compared with a collection of ₱23,793.29 during the fiscal year 1912, a decrease of ₱2,162.37, which is due principally to property being vacated and not rerented and to certain refunds made.

There was collected during the year the sum of ₱3,502.38 as rent for the use of the city telephone poles, as compared with ₱2,691.26 from the same source during the fiscal year 1912, an increase of ₱811.12.

SALES OF CITY PROPERTY.

During the fiscal year 48 sales of city property were made, all for cash. Including deferred payments made on properties sold during the prior fiscal years, the total collection under this head during the year amounted to ₱58,404.19.



Washing at public laundry.

Public laundry, bathhouse, and convenience station.

DEPARTMENT OF SANITATION AND TRANSPORTATION.

The following are the principle functions of this department; Street sprinkling and flushing; street cleaning; gutter cleaning; canal and sewer flushing; garbage and refuse collection and disposal; beach refuse collection and disposal; dead animal collection and disposal; filling low land with refuse collected by the department; care of public midden sheds; collection and disposal of night soil by pail conservancy and odorless excavator systems; labor and transportation furnished the Bureau of Health used in its work of mosquito and rat extermination; care of city pound; care and operation of the city slaughterhouse; the transportation of fresh meat from slaughterhouse and meat boat to the public markets; the care and operation of the public markets; the care and operation of the city cemeteries; the care, upkeep, and extension of public parks and playgrounds; the care and operation of the city plant and tree nursery; planting, trimming, and care of trees on streets and avenues; the care and upkeep of the animals and quarters of the zoölogical exhibit in the Botanical Gardens; the care and improvement, at contract rates or cost, of park areas not controlled by the city of Manila; the care, upkeep, and operation of the land-transportation equipment used by this department, by other city departments, and by Insular Bureaus.

The total recepits of the department from all sources was ₱1,022,762.55, and the total expenditures ₱988,765.87, all as shown in detail in the financial report of the Board.

The first model building for public use for the combined purposes of a laundry, bathhouse, and cenvenience station was erected in the district of Sampaloc and opened the latter part of the month of June. A study is being made of the conditions under which this building is being operated and used, and if it proves the success hoped for, it is the purpose of the Board to construct others of a similar type.

In response to advertisements for bids, the Manila Refining Company made a proposal to take over the work of collecting and disposing of garbage, refuse, and dead animals for ₱127,500 per annum, agreeing to use motor trucks for collecting and a reduction plant for disposal. This was the only proposal received and a contract was made on the above basis for ten years beginning September 1, 1913. The reduction plant is now in course of construction.

CITY SCHOOLS.

The school year opened in June, 1912, with a full attendance. Within a few days after opening, the number of pupils enrolled was sufficient to fill all of the available space and occupy the attention of all the available teaching personnel.

The units comprised within the department of schools were as follows: twenty primary schools, grouped into four supervising districts; 3 intermediate schools; 1 high school for Filipinos; 1 primary-intermediate high school for the children of strictly English-speaking parentage; 1 school of commerce; 1 school for the deaf and blind; 1 class of orphan girls at the Hospicio de San José; 1 class of reform girls at the Hospicio.

The Philippine School of Commerce and the School for the Deaf and the Blind are maintained entirely by the Bureau of Education, although for pedagogical purposes they are under the administration of the superintendent of city schools.

PUPILS.

The total enrollment for the year was 17,236; the current enrollment for March, 1913, was 13,500; and the average daily attendance for March was 12,917.

The total enrollment for 1912–13 was 513 pupils fewer than for the preceding year, whereas the current enrollment for March, 1913, was 583 more than for the preceding year. This fact is gratifying in that it indicates that approximately 1,000 pupils who, in the previous year had observed a sort of in-and-out attendance, had now settled down to a reasonable regularity remaining throughout the year and thereby securing some real benefit from the instruction.

In October, 1912, at the request of Hon. Manuel Camus, judge of the municipal court, a teacher was assigned to the Hospicio de San José to take charge of the academic and industrial training of girls committed to that institution for reform. The industrial work of the class includes cooking, washing, ironing, housecleaning, plain sewing, garmentmaking, darning, embroidery, lace work, and the care of the aged infirm women of the institution.

The medical inspection of school children, begun early in school year 1911–12, was continued throughout 1912–13 by the same physician. The total number of examinations made was 24,665. Seven thousand six hundred and nineteen examinations resulted in the physician's declaring that the pupil needed medical attendance, and 3,108 pupils were referred to the dispensaries or to family physicians for treatment. During the year 1,649 cases reported for treatment, with the following results:

Cured	398
No improvement	68
Improved	418
Results unknown	765

The growth of the interest in music instruction all through the city schools has been such as to warrant the assignment of two Filipino teachers as assistants to the supervisor of music.

By way of a general word on the subject of vocational training, it may be said that gardening, slipper making, basketry with abacá fiber, lace making, embroidery, Irish crochet, and the special course in housekeeping are features to which the city schools may justly point with pride. Of the various lines of hand weaving tried out, it would seem as if slipper making has been the most productive of satisfactory results.

The work of the School for the Deaf and the Blind has been such as to fully justify the comparatively inordinate expense attaching to its maintenance.

GRADUATES.

Of the 322 boys and girls who graduated from Manila High School prior to March, 1913, 76 were students in the University of the Philippines, 51 were in the employ of the Government, 9 were studying at personal expense in the United States, 9 were enrolled for the one-year course in stenography in the Philippine School of Commerce, 9 were teaching, 3 were clerks in business houses, 2 were in the Constabulary, 2 were municipal officials, 1 was a farmer, and 1 a merchant. Three reported themselves as unemployed and no data are available for 128.

ATHLETICS.

Athletics had a place in the program of every school in the city and by that is meant not only competitive athletics, but group schedules as well.

An interesting development in connection with athletics was the opening on January 11, 1913, of the Tondo equipped public playground. The establishing of a series of these playgrounds in the city has warranted the establishment of the position of supervisor of public playgrounds.

EXPENDITURES.

The total amount expended for the current work of the department of schools for the fiscal year 1913 was ₱323,612.89.

SCHOOL BUILDINGS.

Plans are under way for the construction of a 3-story concrete structure at the corner of Taft Avenue and Padre Faura, the building to cost approximately ₱100,000.

The city recently purchased a 9,000-meter tract of land at Nos. 2207–2211 Calle Juan Luna with two substantial framework buildings thereon, the premises to be used for school purposes. The amount involved in this transaction is ₱28,000, and the site is one of the most desirable in the city.

DEPARTMENT OF SEWER AND WATERWORKS CONSTRUCTION.

ORGANIZATION.

On July 1, 1912, the office of water supply and sewers was transferred to the department of sewer and waterworks construction, thus consolidating all of the work in connection with water supply, sewers, and drains.

The force consists of the chief engineer, 3 assistant engineers, 3 inspectors, 4 clerks, and 7 meter readers, all in the classified service, in addition to the construction forces in the field.

WATERSHED.

Conditions on the watershed were satisfactory. Comparatively few people crossed the watershed, although the system of permits remained the same as during the previous year. The system of watershed guards was changed this year, resulting in improvement to the service and some economy to the city.

A topographical survey was made of a large part of the watershed by the military engineers by order of the chief engineer of the Philippine Division. This map will help considerably to locate additional storage reservoirs on the watershed if at any time the city decides so to do.

The rainfall on the watershed, although not as great as the average for a number of years past, yet was so well distributed throughout the dry months that there was very little danger of a shortage of water due to lack of storage during the year. The minimum run-off recorded during the months of April and May was about 11,000,000 gallons per day. Frequent rains during the dry season, however, filled up the reservoir several times so that no water shortage was experienced this year.

HEADWORKS.

Due to the more or less extensive repair work carried on during the fiscal year 1912, the leakage of the Montalban reservoir was reduced from approximately 28,000,000 gallons to 14,000,000 gallons per day. The Santolan pumping station was examined and made ready so that it could be started on a day's notice. Account was kept of the amounts of water flowing through the river and used in the city of Manila and as soon as it was evident that the normal minimum flow of the river would not meet the season's requirements, the water behind the dam was deliberately lowered and the construction of the flume pushed forward with as much speed as possible with the result that in about two weeks the flume was in service and whatever water was flowing through the river was caught at the head of the flume and delivered through the lowest intake of the gatehouse to the city.

The flume was built of concrete of horseshoe shape, open on top, and is readily accessible for repairing, cleaning, or any other purpose.

TIGHTENING THE RIVER BOTTOM.

To reduce the leakage around the dam the work of tightening up the river bottom was again resumed this year and several methods were used to carry out this work.

PIPE LINE AND OTHER STRUCTURES.

The pipe line and other structures were examined several times during the year and so far they are in good condition. At a point about one-half mile below the Mariquina River pipe line crossing it was discovered that the river was encroaching dangerously near to the pipe line due to the tendency of the river to ox-bend formations, a characteristic of rivers flowing through alluvial soils. Surveys were made for the purpose of making studies to prevent any further encroachment of the river, but due to the lateness of the season and the inadequacy of funds, temporary measures were used instead, with very good results.

NEW RESERVOIR.

The new reservoir was in service throughout the year with the exception of a few days during the month of November, when the reservoir was cleaned.

The reservoir grounds were kept in first-class condition and did not involve any extensive expenditures during the year.

DEPOSITO.

The deposito building is in fair condition as, beyond a few timbers which have been repaired, no repairs are necessary.

ROADS AND TELEPHONES.

All the roads and telephones under the jurisdiction of this department were kept in good condition, the telephones being maintained by the pipe line guards.

DISTRIBUTION SYSTEM.

The pipe lines throughout the city were maintained in good condition so that the leakage and waste were kept down to a minimum. The pipes being in shallow trenches the leaks are generally discovered in time to avoid any serious loss by waste.

The trouble with shell, fish, and other foreign matter in the water mains does not seem to abate. About 36 flushes were made on the water mains every night in the year except during the very dry season at which time the water could not be spared for this purpose.

PUBLIC HYDRANTS.

There are 243 public hydrants in the city of Manila, 18 of which were added during the year. Several others were shifted in location so as to make them more accessible to the poorer class of people who generally use these hydrants. No restrictions are made as to the amount of water that may be used, and it is free to everybody.

FIRE HYDRANTS.

There are 660 modern post fire hydrants, Matthews type, installed at the present time in the city of Manila, 40 of which were installed during this year.

VALVES.

There are 516 water valves recorded on the maps of this department, 19 of which were installed during this year. The distribution system is so arranged that by proper management of the valves not more than a few blocks need be cut off at any one time. During the entire year there was not a single district of the city that had the water cut off from it for more than an hour or so.

SERVICES.

The private services were maintained in good order throughout the year, but they are more or less difficult to keep in repair, as they belong to private parties and lengthy negotiations are sometimes necessary before they can be repaired. However, the waste due to leakage is not considered serious.

The total number of services June 30, 1913, was 6,314. There were 576 services installed during the year and 96 services discontinued, thus making a net increase of 480 services, or 8.4 per cent, for the year. The increase of revenue over last year was 18 per cent, showing that each one of the services was using more water than previously.

METERS.

The presence of shell, fish, and other foreign matter occasionally obstructs the screens in front of the meter, thus causing a shortage of water and occasionally disagreeable smells from the water passing into the house. In December, 1912, all the meters in the city were cleaned free of charge to the consumers. Altogether there were 5,236 meters and 4,885 pipe lines cleaned at a cost of ₱874.42 since this work was started.

WATER CONSUMPTION.

Since the installation of the Venturi meter it is possible to measure the total amount of water used in the city to a certainty. The following table will show the consumption:

	Cubic meters.
Total metered consumption	9,386,051
Estimated consumption	1,738,016
Total	11,124,067
Estimated waste	3,742,357
Grand total consumption	14,866,424
Average daily consumption	40,730

One hundred and sixty-three liters per capita per day for a population of 250,000.

COLLECTIONS.

The collections for the year show very gratifying results, the increase in the collections for water being ₱56,228.37 and for sewer charges ₱41,452.61, making a total gain of ₱97,680.98.

SANITARY SEWER SYSTEM.

The sanitary sewers were operated throughout the year without any serious mishap. Two breaks were found on the secondary mains and these were repaired at a total cost of about ₱1,800.

PUMPS.

All the pumps are in first-class condition and run as smoothly as could be desired. The contract with the Manila Electric Railroad and Light Company for furnishing electric power to the stations terminates during the month of May, 1914, and it is expected that better terms can be arranged with the company.

HOUSE CONNECTIONS.

There were 2,796 connections in service at the end of the last fiscal year. During this fiscal year 358 services were connected up making a total at the present time of 3,154 connections. The total number of connections constructed were 477, leaving 119 services which have been constructed but are not yet in use.

STORM WATER DRAINS.

Storm water drains were kept in good condition throughout the year. New drains built in the last eight or nine years have given little, if any trouble.

WATER SUPPLY EXTENSIONS.

The preliminary surveys for the extension of the water supply from the Angat River started during the fiscal year 1912 and were discontinued early in the month of July, 1912.

Surveys were started as soon as possible to determine the practicability of several locations for additional reservoirs both near the city of Manila and also above the Montalban dam. Two sites were surveyed below the Mariquina River in natural ravines, the mouths of which will have to be dammed, which will afford sufficient storage for many years to come, to tide the city over during the dry season.

A preliminary survey was also made of a possible very large storage reservoir above the Montalban dam near Boso-Boso, which reservoir if built will assure the city of Manila a sufficient supply of water for some time to come. No estimates have been made to date of the probable cost of two reservoirs, but a very rough estimate for the lower reservoir would be about ₱750,000 and the upper one ₱1,250,000, thus necessitating an expenditure of ₱2,000,000 for storage purposes only.

ULTRA VIOLET RAY APPARATUS.

The ultra-violet ray apparatus ordered some time ago arrived during the fiscal year and was duly delivered to the Bureau of Science, to carry on such experiments as may be determined upon. Inasmuch as a few parts of the plant have not yet arrived the machinery has not been set up.

ELECTROLYSIS.

The committee on electrolysis met several times during the year or as often as occasion demanded. At one of the meetings it was agreed by all present that a certain sum of money should be contributed by each of the parties or companies interested for the purpose of obtaining available funds for the study of electrolysis. The Bureau of Science was entrusted with the scientific research for the cause of same. During the year the telephone company claimed to have experienced a great deal of trouble from this source; and some boilers were supposed to be likewise affected. While no definite action has been decided upon still the informal talks of the committee, and the resultant measures taken, seem to have considerably diminished the action of electrolysis in the city.

CONSTRUCTION.

A certain amount of new work was built during the year, the expense of which was paid mostly from the bond issue funds which are nearly exhausted. It is estimated that during the next fifteen or twenty years it will be necessary to expend about ₱250,000 per annum for extensions to the water supply mains, sanitary sewers, and storm water drains to meet the needs of the city. Some measures will need to be adopted to provide funds for these very necessary sanitary improvements, either by means of a special assessment law or a law permitting the issuance of additional sewer and water bonds.

The total length of water mains, sewers, and drains to date is approximately as follows:

Water mains	linear meters	148,000
Sanitary sewers	do	97,000
Storm drains	do	26,480

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