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## DEPARTMENT OF WATER SUPPLY.

### Second Annual Report of the Department of Water Supply, City of New York, 1899.

DEPARTMENT OF WATER SUPPLY—COMMISSIONER'S OFFICE.  
Nos. 13 to 21 PARK ROW,  
NEW YORK, March 17, 1900.

Hon. ROBERT A. VAN WYCK, Mayor:

DEAR SIR—In compliance with section 457 of the Greater New York Charter, I have the honor to present the following report of the transactions of the Department of Water Supply for the year 1899:

#### BOROUGH OF MANHATTAN AND THE BRONX. THE CROTON WATER SUPPLY.

At the three stations where rain-gauges are kept by the Department the rainfall was—

	Inches.
At Boyd's Corner Reservoir.....	48.14
At Middle Branch Reservoir.....	45.00
At Croton Dam.....	42.98
Average for the whole watershed.....	45.37

This is 2.63 inches below the average, 18.14 inches below the maximum and 7.02 inches above the minimum for the past thirty-four years. It was an exceptional year in regard to the unfavorable distribution of rainfall over the several seasons, brief and heavy rains being followed by long rainless periods. These conditions, combined with an increase of 30,000,000 gallons, or more than 13 per cent., in the average daily supply and consumption of Croton water over the average for 1898, compelled such enormous drafts on the water held in reserve in the storage reservoirs as to tax them nearly to their maximum capacity of 40,500,000 gallons.

There were 238 days when the natural flow of the Croton river was below the volume required for the daily supply, and had to be supplemented by drafts on the reservoirs, as follows:

	Gallons.
From East Branch Reservoir.....	8,320,000,000
From Middle Branch Reservoir.....	4,040,000,000
From West Branch Reservoir.....	45,210,000,000
From Titicaca Reservoir.....	1,810,000,000
From Muscoot Reservoir.....	5,910,000,000
Total for the year.....	35,290,000,000

These drafts continued into the present year at the rate of 115,000,000 gallons per day from three reservoirs, while the outlets of the others have been closed in order to have them gradually refilled. Had the rainfall been as low as it was in 1895—38.33 inches—the entire storage supply would have been exhausted long before the close of the year.

A more forcible demonstration of the necessity of making constant additions to the storage capacity by constructing additional reservoirs in the Croton watershed could hardly be conceived. Assuming that the increase in the daily consumption of water and the conditions of rainfall for 1899 be repeated this year (1900), the total drafts on stored water would have to be increased to 39,500,000,000 gallons. In subsequent years, with the same rate of increase in consumption of water, the drafts on stored water would have to be increased by 4,300,000,000 gallons each year.

In recognition of this necessity I have obtained from the Board of Public Improvements the approval of a map of the lands required for a new storage reservoir of nine thousand million gallons capacity on the Croton river branch of the Croton river at an estimated cost of \$300,000, and have applied to the Board of Estimate and Apportionment for authority for the necessary bond issue.

The conditions herein described demonstrate another necessity.

The average daily consumption of Croton water has increased from 223,000,000 gallons in 1898 to 253,000,000 gallons in 1899.

At the same annual rate of increase in succeeding years the limit of the capacity of the two Croton aqueducts, 380,000,000 gallons per day, will be reached and exceeded in five years, a shorter time than the time in which it would be possible to acquire new sources of supply and to build new reservoirs and new aqueducts or conduits.

Furthermore, we must plan and build to meet the conditions and emergencies which arise in dry years, with minimum rainfall. We must not forget or ignore the fact that, as I have already stated, our present resources of the Croton water system would have been exhausted last year if the rainfall had been as low as it was in 1895, and that a recurrence of the same conditions is a problem which must be dealt with.

It follows that the people and government of the City must now and without delay face the choice between two alternatives: They must either take prompt and decisive action for the acquisition of large additions to the water supply from sources beyond the Croton watershed, or institute further and severe restrictive measures to reduce the per capita consumption of water.

#### BRONX AND BYRAM RIVER WATER SUPPLY.

The rainfall for 1899, recorded by the rain-gauge at the Kensico reservoir, was 50.14 inches, exceeding the average in the Croton watershed by 4.77 inches, but there was the same unfavorable and unusual distribution of rain over the several seasons. Large drafts on storage reservoirs had to be made throughout the year, with only a few brief interruptions, in order to maintain a daily supply of 20,000,000 gallons. These drafts amounted to 3,585,000,000 gallons for the year, or more than 179,000,000 gallons for every one million gallons of the daily supply. At the close of the year all the available water had been drawn from the Rye ponds and Byram reservoirs; the reserve supply in the Kensico reservoir had been reduced to 700,000,000 gallons, and the drafts upon this small reserve continued at the rate of 15,000,000 gallons per day.

A brief outline of the situation in the Borough of The Bronx will suffice to show the extreme urgency of prompt and effective measures to increase the supply.

The consumption of water reached the limit of the present capacity of supply about three years ago, and even then the pressure in the distributing mains was not sufficient to deliver water above the first stories of the houses situated on high grounds, such as Fordham Heights, Woodlawn Heights and University Heights. The increase in population and buildings in the past three years has been enormous, far greater than in any other borough or section of the city. The corresponding increase in the demands upon the water service produced the inevitable result of a large and steady decrease of pressure in the distributing mains and in the elevation at which the water could be delivered in the houses. The houses on the high grounds were naturally the first to suffer from the decrease of pressure. At several periods of hot and dry weather, and for the last three months continuously, the consumption of water exceeded the daily supply received at the Williamsbridge reservoir by several million gallons; the deficiency had to be made up by drawing down the depth of water in that reservoir 15 feet, with the result of a corresponding loss of pressure in the distributing mains, and loss of elevation in the delivery of

the water in houses, amounting to two stories. At the close of the year the houses on the high grounds could not be supplied above the basement floors.

These conditions were foreseen when, in September, 1897, the Commissioner of Public Works presented to the Board of Estimate and Apportionment plans and estimates prepared by the Chief Engineer of the Croton Aqueduct, now Chief Engineer of this Department, for the construction of a high-service pumping station, to be fed from the Croton Aqueduct, with connections to the distributing mains, and requested the authorization of the necessary bond issue. The request was renewed by this Department on September 19, 1898, and December 21, 1899, but so far only the funds required for the foundations of the pumping station have been granted, that work being now under contract and in progress. The completion of the pumping station and appurtenances will require from two to three years, and in the intervening time the difficulties already experienced will be aggravated beyond endurance, unless relief is obtained by speedier methods.

To provide the speedier relief the Department has obtained the approval of the Board of Public Improvements to the laying of a 48-inch main from the aqueduct to and around the Jerome Park reservoir, and thence through the central and southerly section of the borough, which is a part of the general plan for improving and increasing the water supply. The Board of Estimate and Apportionment has been requested to authorize the necessary bond issue for this purpose, and after it is obtained and the contract for the work has been advertised, let, awarded and executed, sufficient progress can be made in six months to deliver into the distributing mains such additional supply from the aqueduct as will at once remove the present difficulties and deficiencies.

The foregoing description applies to the situation only in the part of the borough west of the Bronx river. The territory east of the Bronx still depends on the notoriously inadequate water service of the New York and Westchester Water Company. When the high-service station at Jerome Park shall be completed and in operation, the Department will be able to supersede that service by adequate public water service.

Plans are now being developed for the further utilization of the resources of the Bronx and Byram watersheds by the construction of an additional storage reservoir on the Bronx and an additional conduit thence to the Borough of The Bronx.

#### MAINTENANCE OF AQUEDUCTS AND CONDUITS.

The entire supply from the Croton watershed continues to come through the New Aqueduct, the Old Aqueduct being still closed in facilitate the construction of the Jerome Park reservoir, under the direction of the Aqueduct Commissioners. At several periods of hot and dry weather, and again when the mercury fell below freezing point, and the people resumed the old practice of letting water run from their faucets day and night to prevent freezing in their house plumbing, the supply through the aqueduct had to be increased from the average of 253,000,000 gallons to the maximum of 267,000,000 gallons per day. To accomplish this the depth of flow in the aqueduct had to be increased to more than nine feet, which developed the fact that with such increase in volume the flow through the depressed grade at the crossing of Gould's swamp is more or less retarded. With the still greater waste of water during the recent extreme cold weather, and the corresponding increase in volume and depth of water in the aqueduct, the obstruction of flow through the depressed grade has become greater, and it may become advisable and necessary to rebuild the aqueduct around this depression on the normal or regular grade.

In addition to the ordinary work for the protection, maintenance and repairs of the two aqueducts, the reservoirs and the property and structures connected with the Croton, Bronx and Byram river systems, which has received steady and careful attention, special works of repair and improvement were carried on at several points. The Old Aqueduct crosses the stream known as the Sing Sing Kill by a high and wide arch of masonry in the Village of Sing Sing. In the winter of 1898-99 large fissures in the masonry of the arch and of the aqueduct itself were developed, and the leakage at this point threatened to disintegrate the whole structure. In May last a contract was made for the refacing and partial reconstruction of the arch at an estimated cost of \$17,471. In the progress of this work it was found that in the original construction numerous vacant spaces, of one cubic foot and over, had been left in the interior masonry, which under this contract are being solidly filled in with cement concrete or grout. In conjunction with the contract work the regular maintenance force has partly rebuilt the brick masonry of the aqueduct proper. The entire work had to be suspended for the winter, but will be resumed and completed early in the spring. About 400 barrels of cement have so far been used on the work, outside of the contract.

The contract for facing with masonry the high bank over the Harlem river at Highbridge has been completed at a cost of \$16,196.50.

The contract made December 20, 1898, for placing two new boilers at the West Ninety-eighth Street Pumping Station is more than half completed.

#### DISTRIBUTING SYSTEM.

During the year the water service was extended by laying additional mains in sixteen different streets in the upper part of the Borough of Manhattan, and forty-six streets in the Borough of The Bronx, all enumerated in the Chief Engineer's report. The aggregate length of the different sizes of additional mains laid is as follows:

	Linear Feet.
36-inch mains.....	8,721
20 ".....	3,010
12 ".....	10,222
6 ".....	48,278
Total.....	76,231

—equal to 14.45 miles.

In connection with these new mains there were placed 146 stopcocks and 336 fire-hydrants.

The distributing system for the boroughs of Manhattan and The Bronx now includes 847.97 miles of water-mains, with 8,950 stopcocks and 11,515 fire-hydrants.

The Department also laid during the year 21,780 linear feet, or more than 4.1 miles of new 12-inch and 6-inch mains in twenty different streets in the Borough of The Bronx to replace old mains which had become useless in consequence of changes in street grades, and in connection therewith 22 new stopcocks and 51 new hydrants were placed.

In the maintenance and repairs of the distributing system, six district repair companies of mechanics, laborers and carts, and two companies at large, were employed.

The following are the principal items of work done by this repair force:

- 982 new fire-hydrants placed.
- 9,955 old fire-hydrants repaired.
- 23 new stop-cocks placed.
- 1,460 old stop-cocks repaired.
- 1,017 leaks in water-mains repaired.
- 1,195 taps for leaking service pipes shut off.
- 3,692 taps for new buildings placed.
- 3,215 linear feet of new water-mains laid.

#### HIGH SERVICE SUPPLY.

The conditions regarding this are in its important aspects similar to those of the water service in the Borough of the Bronx. The supply is limited to the capacity of the pumping machinery at the three high service stations: West Ninety-eighth street, Highbridge and Washington Bridge. These have been operated to their full capacity of 50,000,000 gallons per day for nearly two years past, while the demands upon the service have been constantly and rapidly growing in consequence of the increase in houses and population. The Department has not yet been granted the \$150,000 asked for and required for two 15,000,000 gallon engines, boilers and appurtenances to be added to the plant at the Washington Bridge Station. Until these new engines are obtained and put in operation, the pressure in the high service mains must continue to decrease in proportion to the increased demand on the service.

A contract has been made early last month (January, 1900) for a 36-inch water-main in the Boulevard (now Broadway) from Ninety-second to Eighty-sixth street, and through that street, the transverse road across Central Park, Madison avenue and Eighty-fourth street to Third avenue, which, when completed, will practically give the benefit of high service to all of the Yorkville section of Manhattan Borough.

#### BOROUGH OF BROOKLYN.

##### THE PRESENT LONG ISLAND WATERSHED.

The resources of the old watershed, from the Hempstead Reservoir east to Spring creek, near Ridgewood, have been developed to the fullest extent possible, by utilizing every stream and pond, and driving wells wherever there is a prospect of obtaining good water in reasonable







On account of Bond Issues, being continuous accounts:

Boroughs of Manhattan and The Bronx—			
Croton Water Fund (New York City Consolidation Act of 1882, section 189):			
Vouchers drawn in 1899.....	\$47,022 39		
Liabilities, December 31, 1899.....	10,872 14		
		\$57,894 73	
Water-main Fund No. 2 (chapter 669, Laws of 1896):			
Vouchers drawn in 1899.....	\$48,104 34		
Liabilities, December 31, 1899.....	14,766 83		
		62,931 17	
Water-main Fund No. 3 (chapter 646, Laws of 1897):			
Vouchers drawn in 1899.....	\$1,531 42		
Liabilities, December 31, 1899.....	74,556 90		
		76,088 32	
Fire Hydrant Fund (chapter 570, Laws of 1894):			
Vouchers drawn in 1899.....	\$1,577 29		
Liabilities, December 31, 1899.....	7,050 00		
		2,627 29	
Borough of Brooklyn—			
Water-main Fund (chapter 583, Laws of 1888, and section 170, City Charter):			
Vouchers drawn in 1899.....	\$75,856 59		
Liabilities, December 31, 1899.....	22,490 20		
		98,346 79	
Water Construction Fund, authorized prior to 1898:			
Vouchers drawn in 1899.....	\$33,894 23		
Liabilities, December 31, 1899, under contract made prior to 1898.....	154,186 67		
		188,080 90	
Borough of Queens—			
Fund for Stand-pipe and Pumping Plant, College Point, authorized prior to 1898:			
Vouchers drawn in 1899.....	\$2,971 00		
No liabilities.....			
		2,971 00	
Water Tower Fund, College Point, authorized prior to 1898:			
Vouchers drawn in 1899.....	\$5,172 75		
No liabilities.....			
		5,172 75	
Total expenditures and liabilities on bond issues.....	\$847,196 36		
RECAPITULATION.			
Being total expenditures and liabilities for 1899.....			
Boroughs of Manhattan and The Bronx.....	\$1,592,643 57		
Borough of Brooklyn.....	1,392,793 73		
Borough of Queens.....	192,072 22		
Borough of Richmond.....	44,437 40		
	\$3,221,946 92		
Vouchers drawn in 1899 in payment of liabilities incurred in 1898—			
Against appropriations for 1898.....	\$359 58 32		
Against Brooklyn Water Revenue Fund for 1898.....	221,976 07		
Total.....	\$481,556 39		

The following documents, which are appended to this report, contain further detailed information concerning the business of the Department:

- "A"—Statement of Appropriations, Funds and Expenditures.  
 "B"—Report of the Chief Engineer.  
 "C"—Report of the Water Registrar, boroughs of Manhattan and Bronx.  
 Very respectfully,  
 WILLIAM DALTON, Commissioner of Water Supply.

## DOCUMENT "A."

Statement Showing Titles of Appropriations; Requisitions during 1899 on Appropriations of 1898; Appropriations and Transfers of 1899; Requisitions during 1899; Liabilities and Balances on December 31, 1899, also Title of Trust and Special Accounts; Requisitions during 1899 for Liabilities of 1898; Requisitions, 1899, and Liabilities.

APPROPRIATIONS.	REQUISITIONS DURING 1899 ON APPROPRIATIONS OF 1898.	APPROPRIATIONS WITH TRANSFERS, 1899.	REQUISITIONS DURING 1899 ON APPROPRIATIONS OF 1899.	LIABILITIES.	BALANCES, DECEMBER 31, 1899.
<b>Boroughs of Manhattan and The Bronx.</b>					
Aqueduct—Repairs and Maintenance.....	\$46,918 17	\$473,707 30	\$241,021 00	\$25,414 19	\$5,198 00
Aqueduct—Repairs and Maintenance—Salaries.....		25,000 00	35,085 87		414 73
Bronx River Works—Maintenance and Repairs.....	2,385 12	27,000 00	24,000 00	1,008 98	1,416 02
Bronx River Works—Maintenance and Repairs—Salaries.....		3,000 00	3,000 00		
Contingencies—Department of Water Supply.....		25,000 00	25,000 00	2,201 40	603 00
For additional Fire Hydrants.....		47,000 00	47,000 00	4,370 95	4,264 95
Laying Croton Pipes.....	127,272 41	230,440 00	224,555 00	115,739 30	4,248 08
Laying Croton Pipes—Salaries.....	103 00	17,500 00	17,411 05	118 75	30 19
Public Drinking Hydrants.....		1,800 00	1,056 80	300 00	143 20
Rentals of Fire Hydrants.....		19,000 00		19,000 00	
Repairing and Removal of Pipes, Stop-cocks, etc.....	20,039 30	240,400 00	215,785 73	24,813 83	2,400 90
Salaries—General Administration.....		17,000 00	16,414 19		585 81
Salaries—Central Office.....		27,500 00	26,425 27	28 00	3,197 37
Salaries—Deputy Commissioner, Chief Clerk, etc.....	1 57				
Salaries—Bureau of Chief Engineer.....		14,800 00	14,476 52		323 37
Salaries—Engineers, Clerks, Inspectors, etc.....	237 50				
Salaries—Supplying Water to Shipping, etc.....	54 00				
Salaries—Bureau of Water Registrar.....		94,764 20	94,594 99	314 50	1,034 01
Water Supply of the Twenty-fourth Ward.....	733 71	6,400 00	5,197 77	736 34	348 91
<b>Borough of Brooklyn.</b>					
Salaries—Office of Deputy Commissioner.....		14,000 00	13,870 06		790 74
Salaries—Office of Chief Engineer.....		8,000 00	7,204 16		845 84

## Contracts Made, Completed and Unfinished during the Year 1899.

LOCATION AND WORK.	CONTRACTOR.	DATE OF CONTRACT.	ESTIMATED COST.	DATE OF FINAL ESTIMATE.	AMOUNT OF FINAL ESTIMATE.	AMOUNT PAID IN 1899.
Facing back, Highbridge.....	Patrick F. Burns.....	Sept. 15, 1897	\$16,050 00	Feb. 2, 1899	\$16,196 50	\$5,295 50
Furnishing and laying mains to Eleventh Avenue, etc.....	T. A. Gillespie Company.....	Dec. 5, "	975,397 30	Mar. 11, "	977,656 56	19,406 30
Improvement of White Pond, etc.....	John Twissner, Jr., and Bryant S. Palmer.....	" 8, "	48,837 30			3,283 13

APPROPRIATIONS.	REQUISITIONS DURING 1899 ON APPROPRIATIONS OF 1898.	APPROPRIATIONS WITH TRANSFERS, 1899.	REQUISITIONS DURING 1899 ON APPROPRIATIONS OF 1899.	LIABILITIES.	BALANCES, DECEMBER 31, 1899.
Salaries—Office of Water Registrar.....		\$46,073 00	\$76,880 44		\$3,184 16
Salaries—Laboratory.....		5,400 00	5,120 19		478 81
Contingencies.....		7,471 00	5,741 54	\$1,426 40	300 00
Contingencies—Office of Deputy Commissioner.....	\$308 00				
Contingencies—Office of Chief Engineer.....	500 32				
Contingencies—Office of Laboratory.....	7,004 31				
Rentals of Hydrants.....	15,386 25				
Rentals of Fire Hydrants.....	6,144 00	45,008 75	25,286 25	3,000 00	
<b>Borough of Queens.</b>					
Salaries—Office of Deputy Commissioner.....		25,000 00	15,078 91		341 09
Salaries—Pumping Stations.....	10 00	22,450 00	22,273 92	10 00	166 08
Telephonic Service.....	735 00				
Contingencies.....		7,130 00	1,122 11	427 88	960 01
Maintenance and Repairs of Water Pipes.....	7,229 37	24,070 00	21,425 76	9,888 71	106 33
Pumping Stations—Fuel and Supplies.....	11,065 70	27,750 00	3,600 26	22,133 07	7 67
Pumping Plant Extension—College Point.....	6,730 00				
Rentals of Hydrants.....	16,464 50				
Rentals of Fire Hydrants.....	23,049 00	9,640 00	43,258 34	41 66	
Supplying Water to Long Island City.....	5,064 87	39,843 00	46,312 37	13,500 00	32 49
<b>Borough of Richmond.</b>					
Salaries—Office of Deputy Commissioner.....		6,666 67	6,429 03		843 74
Pumping Stations—Salaries and Supplies.....	942 30	6,950 00	4,200 20	5,591 75	68 03
Contingencies.....	163 39	500 00	477 25	42 75	80 00
Rentals of Fire Hydrants.....	20,000 00	5,103 00	24,547 30		
Rentals of Hydrants.....	12,065 00				
Totals.....	\$250,134 32	\$1,470,817 17	\$1,411,424 20	\$408,055 40	\$50,637 06

Note.—Requisitions were drawn during the year in payment of liabilities of 1897, as follows: Aqueduct—Repairs and Maintenance, \$5,198; Laying Croton Pipes, \$7,179 94.

TITLES OF TRUSTS AND SPECIAL ACCOUNTS.	BOROUGH.	REQUISITIONS DURING 1899 ON APPROPRIATIONS OF 1898.	REQUISITIONS DURING THE YEAR ON 1899 AND CONTINGENCIES ACCOUNTS.	LIABILITIES.
Additional Water Fund.....	Manhattan and Bronx.....		\$7,380 81 47	
Croton Water Fund.....	"		87,000 00	\$10,372 14
Fire-hydrant Fund.....	"		1,672 00	1,050 00
Water-main Fund, No. 2.....	"		45,104 31	14,766 83
Water-main Fund, No. 3.....	"		1,531 42	74,556 90
Water Construction.....	Brooklyn.....		13,894 23	154,186 67
Watermain Fund, Borough of Brooklyn.....	"		75,856 59	22,490 20
Water Maintenance of 1897.....	"		22 80	
Water Supply—Maintenance and Repairs—Salaries and Wages.....	"	\$2,021 40	2,021 40 77	
Water Supply—Maintenance and Repairs—Materials and Supplies.....	"	104,426 05	37,047 97	24,898 16
Water Supply—Distribution and Repairs—Salaries and Wages.....	"	3,701 00	263,376 06	
Water Supply—Distribution and Repairs—Materials and Supplies.....	"	17,268 23	20,001 77	5,805 02
Stand-pipe Fund, Flushing.....	Queens.....		2,073 00	
Watertower Fund.....	"		5,172 75	
Totals.....		\$221,070 07	\$2,247,164 63	\$533,211 92

## DOCUMENT "B."

JANUARY 29, 1900.

Hon. WILLIAM DALTON, Commissioner of Water Supply:

DEAR SIR—With this please find a statement of the operations of this Bureau for the quarter ending December 31, 1899, and a summary for the year 1899.

BOROUGH OF MANHATTAN AND THE BRONX.  
EXPENDITURES FOR THE QUARTER ENDING DECEMBER 31, 1899.

Additional Fire Hydrants.....	\$8,170 87
Additional Water Fund.....	257,912 48
Aqueduct Repairs and Maintenance.....	66,729 30
Aqueduct Repairs and Maintenance—Salaries.....	9,061 12
Bronx River Works—Maintenance and Repairs.....	7,651 88
Bronx River Works—Maintenance and Repairs—Salaries.....	975 00
Bureau of Chief Engineer—Salaries.....	3,580 49
Contingencies.....	5,310 62
Croton Water Fund.....	13,303 45
Fire Hydrant Fund.....	624 19
Judgment Fund.....	550 00
Laying Croton Pipes.....	42,247 08
Laying Croton Pipes—Salaries.....	5,132 30
Public Drinking Hydrants.....	314 29
Repairing and Renewal of Pipes, etc.....	72,020 16
Water for Twenty-fourth Ward.....	2,351 28
Water Main Fund No. 3.....	6,531 42
Rental of Hydrants—Queens.....	8,575 34
	\$507,001 17



LOCATION OF WORK.	CONTRACTOR.	DATE OF CONTRACT.	ESTIMATED COST.	DATE OF FINAL ESTIMATE.	AMOUNT OF FINAL ESTIMATE.	AMOUNT PAID IN 1899.
Furnishing and laying mains in Fort George avenue.	Maryle Lipps.	Feb. 8, 1898.	\$29,745 00	.....	.....	.....
Furnishing stop cocks, etc.	Fox & Engel.	May 29, "	4,423 30	Jan. 23, 1899	\$4,253 30	\$4,449 25
Furnishing cast-iron water-pipes.	Warren Foundry and Machine Company.	" 20, "	15,376 00	May 27, "	47,764 34	73,131 17
Furnishing coal.	Theo. F. Tonn.	June 1, "	30,730 00	Apr. 20, "	33,433 26	17,661 23
Furnishing and laying mains across Harlem river, etc.	Peter Frub, William H. Masters, assignee.	Sept. 2, "	33,080 00	.....	.....	33,434 30
Furnishing and laying mains in Southern Boulevard.	Martin Lipps.	Oct. 31, "	39,681 30	Sept. 27, 1899	39,501 27	37,471 31
Furnishing, building and putting up boilers, etc., Ninety-seventh street.	Evans, Almiral & Co.	Dec. 20, "	11,312 00	.....	.....	8,569 81
Laying water-mains in Fort Washington avenue, etc.	Henry Lipps, Jr.	Feb. 28, 1899	25,091 20	.....	.....	19,036 28
Furnishing tapping-cocks, etc.	The A. P. Smith Manufacturing Company.	Apr. 7, "	2,660 00	.....	.....	1,650 00
Furnishing and delivering double nozzle case hydrants.	The Kennedy Valve Manufacturing Company.	" 14, "	7,495 00	.....	.....	5,657 81
Furnishing stop-cocks, etc.	Fox & Engel.	" 25, "	6,106 30	.....	.....	2,681 95
Furnishing white wood plugs, etc.	"	" 27, "	2,438 35	Sept. 25, 1899	2,877 30	2,877 30
Repairs to Aqueduct viaduct, Sing Sing, etc.	James J. Frawley and Robert J. Rooney.	May 18, "	27,471 70	.....	.....	5,545 75
Furnishing stop-cocks, etc.	The Kennedy Valve Manufacturing Company.	" 27, "	9,264 30	.....	.....	7,280 30
Furnishing cast-iron water-pipes.	Warren Foundry and Machine Company.	" 29, "	13,494 00	.....	.....	5,815 23
Furnishing coal.	Theo. F. Tonn.	" 30, "	30,760 00	.....	.....	20,868 04
Furnishing and laying mains in Longwood avenue, etc.	Henry Lipps, Jr.	Oct. 25, "	40,578 00	.....	.....	5,564 21
Building foundations for high-service works at Jerome avenue, etc.	A. C. Gildersleeve.	" 26, "	74,556 90	.....	.....	.....

#### EXPENDITURES FOR THE YEAR 1899. Boroughs of Manhattan and The Bronx.

Additional Fire Hydrants	\$22,042 91
Additional Water Fund	501,285 63
Aqueduct Repairs and Maintenance	285,009 18
Aqueduct Repairs and Maintenance—Salaries	35,085 27
Brunt River Works, Maintenance and Repairs	27,278 22
Brunt River Works, Maintenance and Repairs—Salaries	3,000 00
Bureau of Chief Engineer—Salaries	14,466 63
Contingencies	20,010 11
Croton Water Fund	46,726 34
Fire-hydrant Fund	1,442 20
Judgment Fund	5,014 58
Laying Croton Pipes	132,501 37
Laying Croton Pipes—Salaries	17,534 00
Public Drinking Hydrants	1,050 80
Repairing and Renewal of Pipes, etc.	230,023 39
Water-main Fund No. 2	48,164 34
Water-main Fund No. 3	1,531 42
Water Supply, Twenty-fourth Ward	9,073 48
Rental of Hydrants, Brooklyn	34,517 72
Rental of Hydrants, Queens	25,764 17
Rental of Hydrants, Richmond	19,070 00
<b>Total</b>	<b>\$1,481,667 41</b>

#### STORAGE RESERVOIRS.

The Croton river furnished a full supply to the aqueducts, from January 1, 1899 to May 5, 1899, since which time the supply has been more or less obtained from storage reservoirs, making 258 days when the watershed did not supply the full demands of the City.

#### Storage Drawn During the Quarter.

	Gallons.
East Branch Reservoir	3,720,000,000
Middle Branch Reservoir	2,150,000,000
West Branch Reservoir	5,510,000,000
Totten Reservoir	1,250,000,000
Muscon Reservoir	2,710,000,000
<b>Total quarter gallons</b>	<b>15,350,000,000</b>

#### Storage Drawn During the Year 1899.

East Branch Reservoir	8,320,000,000
Middle Branch Reservoir	4,040,000,000
West Branch Reservoir	15,210,000,000
Totten Reservoir	1,810,000,000
Muscon Reservoir	5,910,000,000
<b>Total year gallons</b>	<b>35,290,000,000</b>

Three of the reservoirs are still being drawn to the amount of 115,000,000 gallons per day and the others are gradually filling.

If the rainfall in 1899 had been as small as that of 1895 in the Croton Watershed all of the storage would have been exhausted and the supply of water would have been less than the demand, same as it is in the Bronx and Byram Watershed and in the Borough of Brooklyn.

The work at White Pond, on account of there being no funds to pay for same until November 22, 1899, has been carried on with only a small force and will not be completed until September, 1900.

Funds having been provided in November, surveys are now being continued for another reservoir on the Bronx river and for the Cross river branch of the Croton River Reservoir, the

maps of lands for same having been approved by the Board of Public Improvements, December 27, 1899. The maps will be completed and sent to the Corporation Counsel in January, 1900, and plans and estimates for the dam, roads, etc., will be prepared and sent to the Board of Public Improvements for their approval in May, 1900. The moneys to pay for same have been called for from the Board of Estimate and Apportionment.

#### RAINFALL.

	INCHES.			
	October.	November.	December.	Year 1899.
Ungh's Corners Reservoir	1.48	2.02	2.75	48.14
Middle Branch Reservoir	1.30	1.82	2.38	42.00
Kemico Reservoir	1.89	2.29	2.96	50.12
Croton Dam	1.28	1.85	2.35	47.91
Central Park Reservoir	1.09	2.37	2.75	37.94

The electromotive plant at Brewsters and the dry pan method at Mt. Kisco have been continued treating the sewage, etc., of these villages during the year 1899.

#### BRONX AND BYRAM RIVER SUPPLY.

The large number of new buildings in the Borough of The Bronx has so increased the use of water that the conduit has been used to its full capacity, 20,000,000 gallons per day, all of the storage reservoirs exhausted, except Kemico Reservoir, which still has 700,000,000 in storage, but is drawn upon at the rate of \$15,000,000 gallons per day and the distributing reservoir at Williamsbridge has been drawn upon so that it is below high water mark fifteen feet, reducing the pressure two stories, especially on the higher ground of the district.

#### Storage Drawn during the Quarter.

	Gallons.
Kemico Reservoir	390,000,000
Rye Pond Reservoir	175,000,000
Byram Pond Reservoir	630,000,000
<b>Total quarter gallons</b>	<b>1,195,000,000</b>

#### Storage Drawn during Year 1899.

Kemico Reservoir	1,240,000,000
Rye Pond Reservoir	1,565,000,000
Byram Reservoir	780,000,000
<b>Total 1899 gallons</b>	<b>3,585,000,000</b>

It is necessary, to supply the Borough of The Bronx, to increase the supply by 20,000,000 per day from the Croton river, by laying a 48-inch main from the Old Aqueduct to the lower portions of the borough and by a new pumping-station at Jerome Park and the necessary large mains to connect same with the Old Aqueduct and Jerome Park reservoir and with the present and future distributing mains in the higher portions of the borough.

The mains in that portion of the borough annexed in 1895 east of Bronx river, belonging to New York and Westchester Water Company, should be purchased, so that as soon as the above mains are laid Croton water could be supplied to this portion of the Borough of The Bronx.

Surveys are being made for another reservoir on the Bronx river, so as to increase the storage on this river, and for another conduit from same to the Borough of The Bronx. Two gangs of men have been employed taking care of the conduit, reservoirs, streams, fences, roads, etc.

#### Aqueduct Repairs and Maintenance.

	Earth Excavation, Cubic Yards.	Dry Masonry, Cubic Yards.	Brickwork, Cells Feet.	Concrete Laid, Cubic Yards.	Cement Grouting, Barrels.	Filling and Grading, Cubic Yards.	Pipe Brick Laid.	Stone Mailed, Cubic Yards.	Solid Laid, Square Yards.	Hauling Sand, Loads.	Fence Built, Linear Feet.	Fence Repaired, Linear Feet.	Fence Painted, Linear Feet.	Fence Posts Set.	Fence Removed, Linear Feet.	Telephone Poles Set.
Division 1	.....	0	11,000	17	100	113	.....	.....	.....	.....	.....	400	.....	.....	.....	.....
" 2	.....	75	2,609	32	250	170	.....	.....	.....	.....	1,905	870	.....	.....	.....	.....
" 3	.....	11	.....	11	.....	130	.....	130	.....	.....	1,280	5,000	1,280	.....	.....	.....
" 4	.....	27	.....	11	.....	20	.....	.....	.....	.....	300	2,600	.....	.....	.....	50
" 5	.....	189	.....	.....	.....	102	.....	.....	855	.....	750	940	.....	160	.....	.....
" 6	.....	.....	.....	.....	.....	40	.....	.....	.....	90	300	2,000	.....	.....	400	.....
" 7	.....	.....	637	11	.....	.....	1,000	.....	.....	.....	.....	.....	.....	20	.....	.....
" 8	.....	.....	19	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>Total</b>	<b>215</b>	<b>77</b>	<b>3,235</b>	<b>76</b>	<b>450</b>	<b>322</b>	<b>1,000</b>	<b>130</b>	<b>255</b>	<b>20</b>	<b>5,835</b>	<b>15,420</b>	<b>1,880</b>	<b>180</b>	<b>400</b>	<b>50</b>

The work on the several divisions of the Aqueduct, in addition to the above, has been as follows:

Division No. 1—The work on this division has been repairing and painting fences, rebuilding stonewall, repairing bridge, cutting trees and brush along the lakes, repairing roads and cleaning up line.

Division No. 2—The work on this division has been building and repairing fences, setting telephone poles, repairs to Snowden Avenue Gate-house, rebuilt part of aqueduct over the Kill brook and backed up the same with concrete. Used about 250 barrels of cement this quarter and 400 barrels last quarter in the work of grouting, filling and grading and cleaning line.

Division No. 3—The work on this division has been retaining-wall on the Newton bank rebuilt, with all the necessary tearing down and excavation for same. Building and repairing fences. Gate-house on both aqueducts painted and repaired. Hauling stone and spreading same on road. Filling and grading.

Division No. 4—The work on this division has been excavating earth, filling and grading, setting telephone poles, building and repairing fences, cleaning line, culverts, drains and cross-walks.

Division No. 5—The work on this division has been repairing barn, building and repairing fences, hauling dirt, filling and grading, setting fence posts and cleaning up line.



Division No. 6—The work on this division has been removing fence at Burnside avenue, building and repairing fences, hauling and spreading gravel, repairing stonewall at Fordham road, cleaning screens in gate-house, painting inside Keeper's house.

Division No. 7—The work on this division has been setting fire-brick and repairing and cleaning furnaces at One Hundred and Seventy-ninth Street Pumping Station, cleaning pumps and vaults under boilers, coal hoisted from dock to fire room, ashes removed daily, new mast to derrick on dock, repairs to Buck, building and repairing fences, roads around the works cleaned, grass and brush cut and disposed of.

Division No. 8—The work on this division has been building foundations for boiler at Ninety-eighth Street Pumping Station, laying brick walk in fire room, Ninety-eighth street; cleaning and repairs to gate-house chambers, painting in Keeper's house and fences, patrolling reservoirs and pipe lines.

The work on repairs to aqueduct viaduct at Sing Sing has been suspended for the winter. The work on the aqueduct crossing this viaduct has been completed and tested with six feet of water running through same, and found in good order.

#### NEW AQUEDUCT.

All of the water furnished the city has been through this aqueduct: the Old Aqueduct being shut off at Jerome Park Reservoir to facilitate the building of this reservoir. Since it has been necessary to run over nine feet depth of water in the New Aqueduct, more or less retardation of current through same has been found at the depressed portion at Gould's Swamp. As this has increased as the depth increased, it may become necessary and advisable to build the aqueduct around this depression at the regular grade of the aqueduct. In all other respects it has worked satisfactorily and is now in good order.

#### LAYING CROTON PIPES.

Contracts for laying and relaying water-mains in the following streets and avenues have been completed during the quarter:

Fort Washington avenue, Boulevard to Two Hundred and Tenth street.  
Crotona avenue, North, Arthur avenue to Crotona avenue, East.  
Morningside avenue, West, One Hundred and Fourteenth to One Hundred and Seventeenth street.  
Jackson avenue, Westchester avenue to One Hundred and Sixty-sixth street.  
Lafontaine avenue, One Hundred and Seventy-ninth street to Quarry road.  
Fulton avenue, One Hundred and Seventy-third to One Hundred and Seventy-fourth street.  
Decatur avenue, Two Hundred and Seventh street to Woodlawn road.  
Hull avenue, Two Hundred and Seventh street to Woodlawn road.  
Willow avenue, One Hundred and Thirty-fourth to One Hundred and Thirty-seventh street.  
Two Hundred and Fifth street, Webster avenue to Woodlawn road.  
One Hundred and Eighty-first street, Kingsbridge road to Boulevard Lafayette.  
One Hundred and Sixty-seventh street, Southern Boulevard to Westchester avenue.  
One Hundred and Fifty-seventh street, German place to St. Ann's avenue.  
One Hundred and Fifty-eighth street, German place to St. Ann's avenue.  
One Hundred and Seventieth street, Franklin avenue to Boston road.  
One Hundred and Ninety-third street, Marion to Webster avenue.  
One Hundred and Seventy-third street, Third to Fulton avenue.  
One Hundred and Thirty-ninth street, St. Ann's to Trinity avenue.  
One Hundred and Fortieth street, St. Ann's to Trinity avenue.  
Barretto street, One Hundred and Sixty-fifth street to Intervale avenue.  
Kingsbridge road, One Hundred and Seventy-ninth to One Hundred and Eighty-first street.  
St. Nicholas Terrace, One Hundred and Twenty-seventh street to Convent avenue.  
German place, One Hundred and Fifty-sixth to One Hundred and Fifty-eighth street.  
Spencer place, One Hundred and Forty-fourth to One Hundred and Fiftieth street.  
Valentine avenue, Burnside avenue to One Hundred and Eighty-first street.  
Valentine avenue, One Hundred and Eighty-ninth street to Highbridge road.  
Two Hundred and Thirty-third street, Katonah avenue to Two Hundred and Thirty-fourth street.  
Two Hundred and Thirty-eighth street, Keppler avenue to a point 550 feet east.  
Valentine avenue, One Hundred and Eighty-first to One Hundred and Eighty-third street.  
West Farms road, One Hundred and Seventy-second to Home street.  
One Hundred and Eighty-sixth street, Amsterdam to Eleventh avenue.  
Clinton avenue, One Hundred and Sixty-ninth street to Crotona Park, South.  
Prospect avenue, Home to One Hundred and Sixty-ninth street.  
Two Hundred and Thirty-third street, Webster to Katonah avenue.

#### STREETS AND AVENUES IN WHICH WATER-MAINS HAVE BEEN LAID IN 1899.

( "R" ) Mains Rest and Replacing Others.

36-inch pipe—  
Southern Boulevard, Home to One Hundred and Forty-ninth street.  
Fordham road, Cedar avenue to New York and Putnam Railroad.  
From New York and Putnam Railroad to and across Harlem River Ship Canal to Two Hundred and Ninth street.  
Two Hundred and Ninth street, Harlem River Ship Canal to Ninth avenue.  
20-inch pipe—  
Two Hundred and Ninth street, Ninth to Amsterdam avenue.  
Inham street, Amsterdam avenue to Kingsbridge road.  
Kingsbridge road, One Hundred and Seventy-ninth to One Hundred and Eighty-first street.  
One Hundred and Eighty-first street, Kingsbridge road to Fort Washington avenue.  
12-inch pipe—  
Thirteenth avenue, Twenty-eighth to Thirtieth street (R).  
One Hundred and Thirty-eighth street, Gerard to Railroad avenue (R).  
Willis avenue (west side), Southern Boulevard to One Hundred and Thirty-fourth street (R).  
Two Hundred and Thirty-third street, Katonah avenue to Two Hundred and Thirty-fourth street (R).  
Fort Washington avenue, Boulevard to Two Hundredth street.  
West Farms road, Home to One Hundred and Seventy-second street (R).  
One Hundred and Eighty-first street, Fort Washington avenue to Boulevard Lafayette.  
Two Hundred and Thirty-third street, Webster to Katonah avenue.  
Longwood avenue, Southern Boulevard to Tiffany street.  
Leggett avenue, Southern Boulevard to New York, New Haven and Hartford Railroad yard.

6-inch pipe—  
Bathgate avenue, Wendover avenue to One Hundred and Seventy-third street.  
One Hundred and Sixty-third street, Trinity to Cauldwell avenue. (R.)  
One Hundred and Fiftieth street, Amsterdam to Morningside avenue.  
Aqueduct avenue, One Hundred and Eighty-third street to a point 450 feet north. (R.)  
Morris avenue, Railroad avenue to One Hundred and Sixty-first street. (R.)  
Gun Hill road, Decatur avenue to Bronx river.  
Anthony avenue, Southern Boulevard to Garfield street.  
Auburn avenue, One Hundred and Sixty-sixth to One Hundred and Sixty-eighth street.  
Willow avenue, One Hundred and Thirty-fourth to One Hundred and Thirty-seventh street.  
One Hundred and Thirty-ninth street, St. Ann's to Trinity avenue.  
One Hundred and Fortieth street, St. Ann's to Trinity avenue.  
Crotona avenue, Boston road to Crotona Park, South.  
Trinity avenue, from end of old main to One Hundred and Sixty-sixth street.  
One Hundred and Forty-fourth street, Boulevard to Hudson River Railroad.  
Bathgate avenue, One Hundred and Seventy-fifth to One Hundred and Seventy-sixth street. (R.)  
One Hundred and Seventy-third street, Third to Fulton avenue.  
Fulton avenue, One Hundred and Seventy-third to One Hundred and Seventy-fourth street.  
Jackson avenue, One Hundred and Sixty-first street to Cedar place.  
Jackson avenue, Cedar place to Westchester avenue.  
Barretto street, One Hundred and Sixty-fifth street to Intervale avenue.  
Spencer place, One Hundred and Forty-fourth to One Hundred and Fiftieth street.  
One Hundred and Sixty-seventh street, Westchester avenue to Southern Boulevard.  
German place, One Hundred and Fifty-sixth to One Hundred and Fifty-ninth street.  
Bathgate avenue, One Hundred and Seventy-seventh to One Hundred and Eightieth street. (R.)  
Nelson avenue, Union to Orchard streets.  
Crotona Park, North, Arthur avenue to Crotona Park, East.  
Ogden avenue, One Hundred and Sixty-fifth to One Hundred and Sixty-ninth street. (R.)  
Ogden avenue, One Hundred and Sixty-ninth street to Aqueduct avenue. (R.)  
One Hundred and Ninety-third street, Marion to Webster avenue.  
Morningside avenue, West, One Hundred and Fourteenth to One Hundred and Seventeenth street.

#### 6-inch pipe—

Marion avenue, Kingsbridge road to William street. (R.)  
Lafontaine avenue, One Hundred and Seventy-ninth street to Quarry road.  
One Hundred and Seventieth street, Franklin avenue to Boston road.  
Governor ship, Water to Front street.  
Cauldwell avenue, intersection of One Hundred and Fifty-sixth street.  
One Hundred and Sixty-ninth street, Gerard to Sherman avenue. (R.)  
St. Nicholas terrace, One Hundred and Twenty-seventh street to Convent avenue.  
Belmont avenue, Kingsbridge road to One Hundred and Eighty-third street. (R.)  
Wolf street, Sedgwick to Ogden avenues. (R.)  
Anthony avenue, One Hundred and Seventy-fifth to One Hundred and Seventy-seventh street. (R.)  
Kelly street, Robbins to Wales avenues. (R.)  
Reade street, Centre street to City Hall place.  
Morningside avenue, West, One Hundred and Seventeenth to One Hundred and Eighteenth street.  
One Hundred and Eighteenth street, Morningside to Amsterdam avenue.  
Amsterdam avenue, One Hundred and Seventeenth to One Hundred and Eighteenth street.  
Jackson avenue, One Hundred and Sixty-first to One Hundred and Sixty-fifth street.  
Arthur avenue, Tremont avenue to Kingsbridge road. (R.)  
Beach avenue, One Hundred and Forty-ninth to One Hundred and Fifty-second street.  
Nelson avenue, Orchard street to Boscobel avenue.  
Valentine avenue, Burnside avenue to One Hundred and Eighty-first street. (R.)  
Valentine avenue, One Hundred and Eighty-ninth street to High Bridge road. (R.)  
Two Hundred and Thirty-eighth street, Keppler avenue to a point 550 feet east. (R.)  
Two Hundred and Fifth street, Webster avenue to Woodlawn road.  
Hull avenue, Woodlawn road to Two Hundred and Seventh street.  
Decatur avenue, Woodlawn road to Two Hundred and Seventh street.  
Valentine avenue, One Hundred and Eighty-first to One Hundred and Eighty-third street. (R.)  
One Hundred and Eighty-sixth street, Amsterdam to Eleventh avenue.  
Two Hundred and Thirty-ninth street, Verio to Katonah avenue.  
Prospect avenue, Home to One Hundred and Sixty-ninth street.  
One Hundred and Fifty-seventh street, German place to St. Ann's avenue.  
One Hundred and Fifty-eighth street, German place to St. Ann's avenue.  
Clinton avenue, One Hundred and Sixty-ninth street to Crotona Park, South.  
Katonah avenue, Two Hundred and Thirty-eighth to Two Hundred and Thirty-ninth street.  
Two Hundred and Thirty-eighth street, from end of old main to Katonah avenue.  
One Hundred and Fiftieth street, Brook avenue to Port Morris Railroad.

#### REPAIRING AND RENEWAL OF PIPES, STOP-COCKS, ETC.

##### Work Done During the Quarter.

942.0 linear feet of new 6-inch pipe laid.	3	six-inch stop-cocks replaced.
24.0 linear feet of new 4-inch pipe laid.	1	forty-eight-inch main repaired.
11 new 6-inch stop-cocks and boxes set.	1	thirty-inch main repaired.
53 New York hydrants set.	3	twenty-four-inch mains repaired.
1 new No. 1 hydrant set.	2	twelve-inch mains repaired.
5 forty-eight-inch stop-cocks repaired.	5	"A" hydrants replaced.
5 thirty-six-inch stop-cocks repaired.	4	Double Nozzle "A" hydrants replaced.
7 thirty-inch stop-cocks repaired.	20	Nos. 1, 2 and 3 hydrants replaced.
3 twenty-four-inch stop-cocks repaired.	34	hydrants repaired.
31 twenty-inch stop-cocks repaired.	1	tap shut off.
6 twelve-inch stop-cocks repaired.		
12 six-inch stop-cocks repaired.		

#### LAYING CROTON PIPES—AMOUNT OF PIPE LAID, STOP-COCKS SET AND HYDRANTS PLACED IN 1899.

##### Pipe.

DIAMETER.	LINEAR FEET LAID DURING QUARTER ENDING DECEMBER 31, 1899.	LINEAR FEET LAID DURING YEAR 1899.
36-inch.....	1,044	8,791
20-inch.....	1,023	5,016
12-inch.....	20,452	15,153
6-inch.....	24,907	65,167
Total.....	27,046	73,717

##### Stop-cocks.

DIAMETER.	SET DURING QUARTER ENDING DECEMBER 31, 1899.	SET DURING YEAR 1899.
36-inch.....	..	8
20-inch.....	..	3
12-inch.....	10	35
6-inch.....	22	69
Total.....	32	109

##### Hydrants.

PATTERN.	PLACED DURING QUARTER ENDING DECEMBER 31, 1899.	PLACED DURING YEAR 1899.
"A".....	53	158
Double Nozzle "A".....	..	4
New York.....	..	2
Total.....	53	162

NOTE.—In addition to the above, the following amount of pipes, stop-cocks and hydrants have been relaid and reset to replace an equal amount abandoned on account of changes of grades of streets and construction of sewers during year 1899:

	Linear Feet.
12-inch pipe.....	2,649
8-inch pipe.....	79,151
Total.....	81,800
6-inch stop-cocks.....	20
"A" hydrants.....	51

NOTE.—(R) indicates streets and avenues in which mains have been relaid during the year to replace old mains abandoned on account of changes of grades of streets and construction of sewers.



## SUMMARY, 1899.

## Pipes.

DIAMETER.	LINEAR FEET LAID TO DECEMBER 31, 1898.	LINEAR FEET LAID FROM DECEMBER 31, 1898, TO DECEMBER 31, 1899.	TOTAL LINEAR FEET LAID TO DECEMBER 31, 1899.
4-inch	158,781	—	158,781
6-inch	296,335	8,791	305,126
8-inch	43,528	—	43,528
10-inch	21,512	—	21,512
12-inch	44,546	5,000	49,546
14-inch	17,130	—	17,130
16-inch	1,099,495	37,222	1,136,717
18-inch	5,709	—	5,709
24-inch	8,092,854	84,278	8,177,132
36-inch	56,338	343	56,681
<b>Totals</b>	<b>4,400,465</b>	<b>75,554</b>	<b>4,476,019</b>
<b>Miles</b>	<b>688.41</b>	<b>24.37</b>	<b>712.78</b>

\* Less 761 feet 6-inch pipe abandoned.

## Stop-cocks.

DIAMETER.	SET TO DECEMBER 31, 1898.	SET FROM DECEMBER 31, 1898, TO DECEMBER 31, 1899.	TOTAL SET TO DECEMBER 31, 1899.
4-inch	35	—	35
6-inch	5	1	6
8-inch	32	—	32
10-inch	13	—	13
12-inch	213	1	214
14-inch	93	—	93
16-inch	4,997	37	5,034
18-inch	37	—	37
24-inch	5,943	966	6,909
36-inch	145	4	149
<b>Totals</b>	<b>8,854</b>	<b>145</b>	<b>9,000</b>

## Hydrants.

PATTERN.	PLACED TO DECEMBER 31, 1898.	PLACED FROM DECEMBER 31, 1898, TO DECEMBER 31, 1899.	TOTAL PLACED TO DECEMBER 31, 1899.
Non-1, 2 and 3	2,373	2	2,375
Victor	117	—	117
"A"	4,483	415	4,898
"B"	2,730	—	2,730
Double nozzle "A"	47	71	118
New York	160	153	313
Miscellaneous	24	2	26
<b>Totals</b>	<b>11,226</b>	<b>543</b>	<b>11,769</b>

a Less 20 Non-1, 2 and 3 abandoned and replaced by new hydrant of different pattern.

b Less 2 "A" hydrants abandoned and replaced by new.

c Less 2 "B" hydrants abandoned.

d Less 11 miscellaneous hydrants abandoned.

## Water-mains Laid.

Year.	MILES.	TOTAL MILES.	Year.	MILES.	TOTAL MILES.
Previous to 1891	.....	311.64	1885	19.09	895.09
1891	24.41	336.05	1886	24.53	919.62
1892	26.57	362.62	1887	23.43	943.05
1893	29.54	392.16	1888	23.38	966.43
1894	28.98	421.14	1889	23.03	989.46
1895 and 1896	33.73	454.87	1890	23.34	1,012.80
1897	39.27	494.14	1891	27.77	1,040.57
1898	45.00	539.14	1892	33.23	1,073.80
1899	53.34	592.48	1893	31.36	1,105.16
1900	60.03	652.51	1894	25.99	1,131.15
1901	73.27	725.78	1895	24.08	1,155.23
1902	81.50	807.28	1896	28.77	1,184.00
1903	89.73	896.99	1897	35.35	1,219.35
1904	97.96	994.95	1898	28.94	1,248.29
1905	106.19	1,101.14	1899	34.50	1,282.79
1906	114.42	1,215.56		847.07	
1907	122.65	1,338.21			
1908	130.88	1,469.09			
1909	139.11	1,608.20			
1910	147.34	1,755.54			
1911	155.57	1,911.11			
1912	163.80	2,074.91			
1913	172.03	2,246.94			
1914	180.26	2,427.20			
1915	188.49	2,615.69			
1916	196.72	2,812.41			
1917	204.95	3,017.36			
1918	213.18	3,230.54			
1919	221.41	3,451.95			
1920	229.64	3,681.59			
1921	237.87	3,919.46			
1922	246.10	4,165.56			
1923	254.33	4,419.89			
1924	262.56	4,682.45			
1925	270.79	4,953.24			
1926	279.02	5,232.26			
1927	287.25	5,519.51			
1928	295.48	5,814.99			
1929	303.71	6,118.70			
1930	311.94	6,430.64			
1931	320.17	6,750.81			
1932	328.40	7,079.21			
1933	336.63	7,415.84			
1934	344.86	7,760.70			
1935	353.09	8,113.79			
1936	361.32	8,475.11			
1937	369.55	8,844.66			
1938	377.78	9,222.44			
1939	386.01	9,608.45			
1940	394.24	10,002.69			
1941	402.47	10,405.16			
1942	410.70	10,815.86			
1943	418.93	11,234.79			
1944	427.16	11,661.95			
1945	435.39	12,097.34			
1946	443.62	12,540.96			
1947	451.85	12,992.81			
1948	460.08	13,452.89			
1949	468.31	13,921.20			
1950	476.54	14,397.74			
1951	484.77	14,882.51			
1952	493.00	15,375.51			
1953	501.23	15,876.74			
1954	509.46	16,386.20			
1955	517.69	16,893.89			
1956	525.92	17,409.81			
1957	534.15	17,933.96			
1958	542.38	18,466.34			
1959	550.61	18,996.95			
1960	558.84	19,535.79			
1961	567.07	20,082.86			
1962	575.30	20,638.16			
1963	583.53	21,191.69			
1964	591.76	21,743.45			
1965	600.00	22,293.45			
1966	608.23	22,841.68			
1967	616.46	23,388.14			
1968	624.69	23,932.83			
1969	632.92	24,475.75			
1970	641.15	25,016.90			
1971	649.38	25,566.28			
1972	657.61	26,113.89			
1973	665.84	26,659.73			
1974	674.07	27,203.80			
1975	682.30	27,746.10			
1976	690.53	28,286.63			
1977	698.76	28,825.39			
1978	707.00	29,362.39			
1979	715.23	29,897.62			
1980	723.46	30,431.08			
1981	731.69	30,962.77			
1982	739.92	31,492.69			
1983	748.15	32,020.84			
1984	756.38	32,547.22			
1985	764.61	33,071.83			
1986	772.84	33,594.67			
1987	781.07	34,115.74			
1988	789.30	34,635.04			
1989	797.53	35,152.57			
1990	805.76	35,668.33			
1991	814.00	36,182.33			
1992	822.23	36,694.56			
1993	830.46	37,205.02			
1994	838.69	37,713.71			
1995	846.92	38,220.63			
1996	855.15	38,725.78			
1997	863.38	39,230.16			
1998	871.61	39,731.77			
1999	879.84	40,231.61			
2000	888.07	40,729.68			
2001	896.30	41,225.98			
2002	904.53	41,719.51			
2003	912.76	42,212.27			
2004	921.00	42,703.27			
2005	929.23	43,192.50			
2006	937.46	43,679.96			
2007	945.69	44,165.65			
2008	953.92	44,649.57			
2009	962.15	45,131.72			
2010	970.38	45,612.10			
2011	978.61	46,090.71			
2012	986.84	46,567.55			
2013	995.07	47,042.62			
2014	1,003.30	47,515.92			
2015	1,011.53	47,987.45			
2016	1,019.76	48,457.21			
2017	1,028.00	48,925.21			
2018	1,036.23	49,391.44			
2019	1,044.46	49,855.90			
2020	1,052.69	50,318.59			
2021	1,060.92	50,779.51			
2022	1,069.15	51,238.66			
2023	1,077.38	51,696.04			
2024	1,085.61	52,151.65			
2025	1,093.84	52,605.49			
2026	1,102.07	53,057.56			
2027	1,110.30	53,507.86			
2028	1,118.53	53,956.39			
2029	1,126.76	54,403.15			
2030	1,135.00	54,848.15			
2031	1,143.23	55,291.38			
2032	1,151.46	55,732.84			
2033	1,159.69	56,172.53			
2034	1,167.92	56,610.45			
2035	1,176.15	57,046.60			
2036	1,184.38	57,481.00			
2037	1,192.61	57,913.61			
2038	1,200.84	58,344.45			
2039	1,209.07	58,773.52			
2040	1,217.30	59,200.82			
2041	1,225.53	59,626.35			
2042	1,233.76	60,050.11			
2043	1,242.00	60,472.11			
2044	1,250.23	60,892.34			
2045	1,258.46	61,310.80			
2046	1,266.69	61,727.49			
2047	1,274.92	62,142.41			
2048	1,283.15	62,555.56			
2049	1,291.38	62,966.94			
2050	1,300.00	63,376.94			
2051	1,308.23	63,785.17			
2052	1,316.46	64,191.63			
2053	1,324.69	64,596.32			
2054	1,332.92	64,999.24			
2055	1,341.15	65,400.39			
2056	1,349.38	65,800.77			
2057	1,357.61	66,199.38			
2058	1,365.84	66,596.22			
2059	1,374.07	66,991.29			
2060	1,382.30	67,384.59			
2061	1,390.53	67,775.12			
2062	1,398.76	68,163.88			
2063	1,407.00	68,550.88			
2064	1,415.23	68,936.11			
2065	1,423.46	69,319.57			
2066	1,431.69	69,701.26			
2067	1,439.92	70,081.18			
2068	1,448.15	70,459.33			
2069	1,456.38	70,835.71			
2070	1,464.61	71,210.32			
2071	1,472.84	71,583.16			
2072	1,481.07	71,954.23			
2073	1,489.30	72,323.53			
2074	1,497.53	72,691.06			
2075	1,505.76	73,056.82			
2076	1,514.00	73,420.82			
2077	1,522.23	73,783.05			
2078	1,530.46	74,143.51			
2079	1,538.69	74,502.20			
2080	1,546.92	74,859.12			
2081	1,555.15	75,214.27			
2082	1,563.38	75,567.65			
2083	1,571.61	75,919.26			
2084	1,579.84	76,269.10			
2085	1,588.07	76,617.17			
2086	1,596.30	76,963.47			
2087	1,604.53	77,307.90			
2088	1,612.76	77,650.66			
2089	1,621.00	77,991.66			
2090	1,629.23	78,330.89			
2091	1,637.46	78,668.35			
2092	1,645.69	79,004.04			
2093	1,653.92	79,338.06			
2094	1,662.15	79,670.21			
2095	1,670.38	80,000.59			
2096	1,678.61	80,329.20			
2097	1,686.84	80,656.04			
2098	1,695.07	80,981.11			
2099	1,703.30	81,304.41			
2100	1,711.53	81,625.94			



## CONSUMPTION.

Average Daily Consumption, United States Gallons.

SYSTEM.	OCTOBER.	NOVEMBER.	DECEMBER.	TOTAL MONTHS.
Ridgewood Supply—				
Ridgewood Low Service.....	80,051,390	77,004,686	76,567,273	233,623,349
Mt. Prospect Low Service.....	5,648,874	6,853,893	7,118,600	19,621,367
Mt. Prospect High Service.....	3,486,133	3,716,053	3,715,013	10,917,200
Total Ridgewood.....	89,186,397	87,574,632	87,400,886	264,161,915
Gravesend.....	9,810,496	8,134,886	8,386,166	26,331,548
New Utrecht.....	3,176,267	1,213,880	1,387,142	5,777,289
Total.....	102,173,160	96,923,398	97,174,194	296,270,752

## HEIGHTS OF RESERVOIRS, IN FEET.

RESERVOIR.	OCT. 1, 1899.	JAN. 1, 1900.	GAUG.	LOW.
Ridgewood Basin No. 1.....	16.27	15.45	1.10	2.52
Ridgewood Basin No. 2.....	16.44	15.64	1.10	0.80
Ridgewood Basin No. 3.....	15.66	13.31	1.10	2.35
Mt. Prospect.....	21.50	20.99	1.10	0.51
Hempstead.....	19.22	4.00	1.10	15.22

## RAINFALL.

LOCATION.	OCTOBER.		NOVEMBER.		DECEMBER.		TOTAL.	
	1898.	1899.	1898.	1899.	1898.	1899.	1898.	1899.
Municipal Building.....	5.75	2.07	5.52	1.64	2.93	1.98	15.20	5.69
Hempstead Reservoir.....	6.81	2.76	6.00	2.69	2.36	1.88	14.17	7.17

A comparison of our records shows that the consumption on the Ridgewood system for each of the last three months of the past year has been less than during any other month of the year, and also that during the month of October it was less than that for the same month in either of the two preceding years; that for the month of November it was less than that for November, 1898, but slightly more than in 1897; and that for the month of December it has been much less than in December, 1898, and slightly less than in 1897. This comparatively low consumption has been occasioned in part by the uncommonly mild weather which has prevailed throughout the whole period and in part to the appeals made to the consumers to economize in the use of water. The period has been marked throughout by an unusual drought, the rainfall for the three months, as registered in Brooklyn, having been less than during any similar period since 1826, except in 1837 and 1882, when the rainfall was respectively 5.21 and 5.35 inches. In 1896 we had a similar drought, although not as severe, the total rainfall at that time being 5.99 inches. The effect of this dry weather was shown by the enormous loss of storage at the reservoirs, the total supply at Ridgewood and Mount Prospect having been depleted during the quarter by about 18,500,000 gallons, while the storage reservoir at Hempstead has been drawn down nearly 7½ feet, representing a capacity of approximately 250,000,000 gallons. In the present condition of the supply there is a very grave danger of experiencing a severe water famine during the present season, or certainly before another year can elapse. That our shortage at the present time has not been far greater than it is, or that a famine has not already been experienced has been due entirely to the causes already named.

## DISTRIBUTION.

During the quarter there have been laid 19.17 miles of distribution main, the same made up of 13,999 lineal feet of 6-inch pipe, 20,921 lineal feet of 8-inch pipe, 17,025 lineal feet of 12-inch pipe, 1,744 lineal feet of 16-inch pipe; there have also been 102 gates set, comprising 37 6-inch, 39 8-inch, 23 12-inch and 3 16-inch; 89 fire-hydrants have been placed, together with 609 lineal feet of 6-inch branches. All of the above work was included in the contract for laying water-mains, awarded to James P. Graham, and which has now been completed. Six petitions for extensions have been reported upon favorably, the same aggregating a total length of 1.17 miles and requiring 16 gates. Three petitions have been reported upon unfavorably, the streets neither being opened nor graded. 82 meters have been set during the quarter, the total number of meters in use on January 1, 1900, being 3,045. 37 leaks have been repaired in the distribution system, 56 drinking hydrants repaired, repairs made to 1,258 fire hydrants, 24 stop-cocks repaired, 15 premises cut off and 371 permits granted for buildings. The total number of taps in use at the close of the year is 111,757. Between December 12 and 21 last, changes have been made in the Gravesend, New Utrecht and Ridgewood Low Service and Mt. Prospect High Service distribution areas by removing Bath Beach and Bemanhurst from the New Utrecht System and placing both of them on Gravesend, by the removal of a considerable area between Fortieth and Sixtieth streets from the Ridgewood Low Service and Mt. Prospect High Service Systems and placing them upon New Utrecht, by which means a total saving has been made of about 500,000 gallons per day in the Ridgewood and Mt. Prospect supply, while the same has been made up about equally between the Gravesend and New Utrecht Stations. This change has also resulted in a greatly improved service throughout the territory affected.

## PUMPING STATIONS.

On October 21 a contract was made with Messrs. Burhorn & Granger for the erection of a steel chimney at Mt. Prospect at a cost of \$6,525, exclusive of foundation, which latter has been already built under separate contract. The chimney will be 125 feet high and will have a 48-inch flue. A detailed report has been prepared showing the need of new boilers for the Mt. Prospect Station and for the rearrangement of the pumping service, which, if carried out, would also include a rearrangement of the distribution area of the Mt. Prospect High and Low Service Systems and that of Ridgewood.

At New Utrecht the construction of a new gang of forty 2-inch wells has been commenced; about one-half the wells have been driven, and a portion of these have already been placed in service.

At the Ridgewood Pumping Station on the north side, a bulkhead with gates has been made and placed to separate the pump wells of Nos. 1 and 2 triple expansion engines. The old Hardwick well pump has been moved into a more convenient position and connected with all of the wells. The walnut lagging of the Davidson engines is being renewed and the pistons will soon require repairs. A Whitmore Dean Purifier has been provided for Morris Boiler No. 7, and if it proves a success it will probably be advisable to provide a similar attachment for all of the boilers. Plans have been prepared for providing a fireproof floor for the engine room, remodeling the electric wiring, and making general repairs to the building, which are badly needed. It is proposed to take up the work early in the year. An informal test of Morris Boilers Nos. 3, 5 and 7 was made during November under service conditions. Between October 25 and 28, the four 36-inch Venturi meters on force mains from this station were tested, careful observations at the same time being made at the weir erected near the influx chamber of Basin No. 1 and also at the pumps. The total pumping from the Ridgewood North Side Station averaged about 54,000,000 gallons daily for the year, of which about 40,000,000 gallons daily has been pumped by the new engines. The duty for the new pumps has varied from 85,000,000 to 89,000,000 feet pounds per 100 pounds of coal, or slightly more than was obtained in 1898. The duty shown by Basin No. 3 and by Davidson No. 4 is a little less than in 1898, while that shown by new engine No. 3 was about 86,000,000 feet pounds per 100 pounds of coal.

Slight alterations in repairs have been made to the engines of the Ridgewood South Side Station and as required. The total pumping for the whole year averaged about 38,000,000 gallons per day and the duty for each ranged from 63,000,000 to about 64,500,000 feet pounds per 100 pounds of coal, showing an increase of approximately 8,000,000 feet pounds as compared with the duty obtained in 1898, which increase has been largely due to the use of pea coal instead of buckwheat. A new generator and engine is needed for lighting this building and the one on the north side, which work it is hoped can be undertaken at an early date. Plans have been made for grading the grounds around the property and for inclosing the same with a suitable fence.

At the Shetucket Station one of the 8-inch wells was closed up by sand and clay for a depth of 40 feet; it has been pulled up 30 feet and resunk and now furnishes a good yield. The pumping plant at this station and at Oomes is in good condition, but the steam pressure of the boilers has been reduced from 100 pounds to 60 pounds to meet the requirements of the Boiler Inspectors. The chlorine in the Shetucket supply has increased steadily during the year, the last analysis, made in December, showing 222 parts per million.

The driven wells at Baisleys are now being cleaned; they were found to be filled with a soft, rust-colored deposit and the strainers badly corroded, many of them breaking when pulled. New 5-foot strainers will be required throughout; the work on 35 of the wells has been finished.

At Janeco similar trouble has been experienced with two of the deep wells to that already referred to at Shetucket, but by pumping the clay was removed from one of them and the flow restored; similar work is now in progress on the other.

The pumping at Millburn during the year has averaged nearly 40,000,000 gallons, the station having been run throughout the whole year practically to the limit of the conduit capacity from that station to the West. The engine and generator which were removed from the Mt. Prospect Station and installed at this point, have proved too small for the requirements, heating up so as to burn out the insulation. The plant is now idle and will be so until a larger generator is provided.

Agawam, Merrick, Matowa and Wantagh have been operated during the quarter to make good any deficiency in the gravity supply of the new watershed. The Massapequa Station has been idle throughout the year. The average daily supply furnished from these four stations for the whole year has been about 3,100,000 gallons per day. New and heavier fly-wheels have been ordered for one of the engines at Agawam, two at Wantagh and one at Massapequa. The wooden foundations of the engines are beginning to decay and will soon have to be replaced, at which time masonry will be used.

Bids were opened for the coal supply for the year on October 26th last; the work was divided into two sections, Section I, comprising 38,300 tons of semi-bituminous coal, and Section II, comprising 22,900 tons of anthracite pea coal. The bids for Section I ranged from \$121,715 to \$132,901; those for Section II, ranged from \$73,967 to \$78,776. The contract in each case was awarded to the lowest bidder, Messrs. W. T. Rainey & Co. for the former and A. M. Wittenberg for the latter.

## CONDUITS AND RESERVOIRS.

The by-pass around the Mt. Prospect Reservoir has been in use throughout the entire quarter, excepting only one day; by this means we have avoided turning into the Mt. Prospect distribution system a water impregnated with the Asterionella odor, the organisms in the reservoir basin during this period having reached the excessive number of 24,960 standard units per c. c. The wiring for the secondary dials of the three meters at the reservoir has been completed and the meters are practically ready for service when the by-passing can be discontinued. Plans are being prepared for erecting a fence around the reservoir grounds on the side adjoining the Eastern parkway and for gates at the approach to the Water Tower and at the corner on the parkway adjoining the Brooklyn Institute grounds. The fence will be supported by a masonry retaining-wall, the same to blend in appearance with the masonry of the Water Tower. The old fence of the reservoir is in bad condition and should be repaired at an early date. Work is still in progress on repaving the inner slopes of the reservoir with cement.

At the Ridgewood Reservoir, Basin No. 1, the excessive growth of Asterionella during the quarter, the same reaching a maximum of 27,280 standard units per c. c., has compelled us to cut this reservoir out of service during practically the entire period. An improved method of measuring the depth of water in Basin No. 2 has lately been put in service and if satisfactory results are obtained the same device will be provided for the other two basins.

The surveys of the Hempstead Storage Reservoir basin begun during November have been completed, and a contour map of the same is being prepared. This survey will enable us to accurately determine the capacity of the reservoir and as to enlarging the capacity in the future. The work of inclosing the property owned by the City with a suitable fence has been actively continued during the quarter, and the fence along the north side of the conduit line and east of Rockville Centre has been completed as far as Wantagh. An automatic air valve has just been purchased for attachment to the 48-inch force main from Millburn, the same to be located at the summit near the Millburn Reservoir; the air accumulates at this point in large quantities and is blown off daily by the Keeper; it is hoped that by the use of the new valve the capacity of the pipe may be somewhat increased.

## WATER ANALYSES.

During the quarter the work done at the laboratory has been as follows:

Number of samples received.....	653
Number of physical analyses.....	454
Number of chemical analyses.....	256
Number of partial chemical analyses.....	72
Number of microscopical examinations.....	303
Number of bacteriological examinations.....	638
Number of tests for Bacillus Coli Communis.....	581
Number of coal analyses.....	20
Number of boiler scale analyses.....	1
Number of analyses of samples of steel.....	3
Number of special reports.....	24

Taking the character of the supply as determined in the distribution system as a whole for the year, it has been slightly better than in 1898, although the bacteria have been somewhat higher, in spite of the lower rainfall. Although the microscopic organisms have been present in the reservoir basins to an extent to cause more odors in the supply than were observed in 1898, the intensity of the odors has been less. Studies are being made to ascertain the full history of the presence of the Bacillus Coli Communis found in some of the sources of supply and occasionally in the distribution system.

## Pollution.

The earth closet system is being changed by the substitution of pails for the pans, as fast as the latter wear out, and as already reported. By this means the system is made less offensive and can be more economically maintained.

## MISCELLANEOUS.

In 1892 was begun the study and preparation of plans for the construction of storage reservoirs on the three larger streams of our new watershed, i. e., Freeport, Wantagh and Massapequa and partial surveys were made of the Freeport Valley, the easternmost of the three streams above named. An appropriation of \$600,000 was asked that year to begin work, but it was not granted, so that no further action had been taken. As the construction of these reservoirs will largely increase our available supply, a surveying party will immediately resume the surveys at Freeport Valley, in order to carry out this work. At Massapequa a smaller party has been for some time cross-sectioning the stream. From surveys so far made, the following storage capacity could be obtained:

	Gallons.
On the East Meadow Valley, about.....	700,000,000
On Wantagh, about.....	500,000,000
On Massapequa, about.....	550,000,000

Thus making a total of about..... 1,750,000,000

The plans for the 48-inch pipe conduit from Millburn Engine-house to Spring Creek, and detailed specifications, have been completed, as well as the plans and specifications for the filtering plants at Baisleys and Springfield.

The imperative necessity of carrying on the works required for proper development of our watershed has been so often stated that I deem it simply necessary to attach a memorandum of these works, as follows:

1. Relief pipe conduit from Millburn to Spring creek. One 48-inch pipe to be laid immediately and the other within the next two or three years.
2. Pumping engines at Millburn, coal sheds, machine shop, etc.
3. Additional pumping stations.
4. Storage reservoirs on the East Meadow valley. Reservoirs on the valleys of Wantagh and Massapequa to be built after the completion of those at East Meadow.
5. Filtering plants for Baisleys and Springfield.
6. Storage reservoir at Forest Park.
7. Remodeling of High Service at Mt. Prospect.
8. Enlargement of stations for the supply of Gravesend and New Utrecht.
9. Repairing Millburn Reservoir.
10. Protecting sources of supply from pollution.
11. Engine-houses and machinery for present driven-well stations and Spring Creek temporary station.
12. Permanent buildings and improvement of engines for Oomes and Shetucket stations.
13. New engines and boilers at Baisleys.
14. Engineers' houses at Millburn.
15. Fencing at Mt. Prospect and Ridgewood.
16. Monuments, etc.

The above works refer simply to such development of our watershed as will secure the maximum available supply therefrom and enable us to await the completion of larger works for the future needs of Brooklyn for at least the next twenty-five years, the construction of which will necessarily require some time.



The delay in completing some of the above works, particularly the relief pipe conduit, so long ago recommended, has brought about a situation to which no city should be exposed and which can be sufficiently described by stating that with the storage at Hempstead practically exhausted we held, through the latter part of December, at Ridgewood, not more than about two days' supply, so that a break in the pipe or conduits which would have required more than forty-eight hours to repair would have left the City without a drop of water; also, that with a long cold spell that would easily exhaust the small reserve at Ridgewood, a daily deficiency of from 8,000,000 to 12,000,000 or 15,000,000 gallons would be experienced.

Appended hereto are tables showing the consumption per month for the Ridgewood, Mt. Prospect, Gravesend and New Utrecht systems during the past year, the rainfall at Brooklyn and at Hempstead for the past ten years, the depth of water in the reservoirs, the meters set during the year 1899 and those in use at the close of the year, the distribution pipe laid during 1899, with the gates and hydrants for the same, the length of each size of pipe comprising the entire distribution system, and the repairs made to water-mains, permits granted, etc., during the past quarter.

## Borough of Brooklyn.

After two years' study of the water supply and distribution of this borough I find that the old watershed, east of the old City of Brooklyn, to and including the reservoir at Hempstead, has been thoroughly developed by reservoirs, ponds and driven wells, subject to the pollution of the ponds at Baisleys and Springfield, which have become contaminated by the sewage of Jamaica, Springfield, etc. East of Hempstead reservoir the new watershed, extending to the Suffolk County line has been partially developed, more or less water running to waste over the several dams on the several streams in this shed, and that the old City of Brooklyn only bought what land was absolutely necessary and nothing paid for damages to the owners below the dams on the several streams nor to the owners of adjacent lands affected by the operation of the driven well stations. As shown by the action of the courts it will become necessary to take a broad view of this subject and prepare maps of lands, streams, etc., affected, and go to the courts for appraisal of damages, etc.

In order to obtain the full amount available from the new watershed and to use the new aqueduct to its full capacity continuously during the year, it becomes necessary to increase the storage capacity on the streams in this shed, increase the capacity of the pumping machinery, etc., at Millburn, and provide another conduit between Millburn and Ridgewood pumping stations.

As to distribution of water, I find that the only distributing reservoir is that of Ridgewood; capacity 375,000,000 gallons, three and one-half days' supply. This is only one-half what it should be to provide for any break in the conduits; therefore it is necessary to provide another distributing reservoir of about the same size. Forest Hill Park, belonging to the City, which has not been improved, was several years since picked out by the Department of City Works, Brooklyn, as the most advantageous site for this reservoir.

In getting pressures along the lines of the large distributing mains in this borough, it is found that the height of water in the Ridgewood reservoirs being 170 feet above city datum, that 9 miles away in New Utrecht the water only rises to 100 feet above city datum, thus showing the necessity of immediately laying another large main from Ridgewood to the southerly and south-westerly portion of the borough to increase these pressures and to supply Prospect Park Pumping Station with the increased supply necessary. The amount pumped at Prospect Park Pumping Station is 4,000,000 gallons, and on account of the large amount of building in the high grounds supplied from this station it is necessary to double the pumping capacity of same. I therefore have recommended to the Commissioner of Water Supply to call upon the Board of Estimate and Apportionment to authorize the following expenditures for these purposes:

Payable under section 11, title XV., chapter 83, Laws of 1888, and section 170 of the Greater New York Charter.  
For laying small mains in the Borough of Brooklyn during 1900..... \$250,000 00  
For laying 48-inch, 36-inch and 20-inch mains for the supply of the southern and southwestern portions of the Borough of Brooklyn..... 1,050,000 00

For laying 48-inch conduit between Spring Creek and Millburn.....	\$1,010,000 00
For 15,000,000-gallon pumping engine and appurtenances at Millburn.....	75,000 00
For coal and fuel houses and coal-hoisting machinery at Millburn Pumping Station.....	75,000 00
For land to be purchased to protect ponds, streams, etc., from pollution, and to settle damages.....	1,000,000 00
For filtering plant at Baisleys and Springfield ponds.....	170,000 00
For reservoir and appurtenances at Forest Hill Park.....	1,500,000 00
For repairs to Millburn Reservoir.....	500,000 00
For storage reservoirs on several streams in Nassau County, 1,500,000,000 gallons, at \$2,000 per million.....	3,000,000 00
For improvements and extra wells at pumping stations in Nassau County.....	100,000 00
For pumping machinery and appurtenances and force main, Prospect Park Station.....	100,000 00

The agreement with the Flatbush Water Company expires December 31, 1900 (for furnishing water to fire-hydrants). Under section 4, chapter 356, Laws of 1894, and section 4 of the agreement with the City of Brooklyn of this company the City is bound to extend this agreement or to purchase same under and by a commission. It would be good policy to purchase this plant. Estimated value, \$750,000.

TABLE NO. 1.

Summary of Average Daily Consumption for each Month for each System, 1899.

Month.	RIDGEWOOD RESERVOIR, LOW SERVICE.	MT. PROSPECT RESERVOIR, MEDIUM HIGH SERVICE.	MT. PROSPECT TOWER, EXTENSIVE HIGH SERVICE.	TOTAL RIDGEWOOD SYSTEM.	GRAVESEND SYSTEM.	NEW UTRICHT SYSTEM.	TOTAL PUBLIC SUPPLY.
	Gallons.	Gallons.	Gallons.	Gallons.	Gallons.	Gallons.	Gallons.
January.....	88,777,693	5,309,836	2,744,643	96,832,172	1,482,797	930,000	99,244,969
February.....	92,128,132	5,681,469	2,837,821	99,647,422	1,001,675	1,090,341	101,740,438
March.....	84,134,792	5,197,740	2,798,719	92,131,251	1,077,684	811,279	94,019,614
April.....	81,186,585	5,144,133	2,756,767	89,087,485	1,895,103	1,011,000	91,993,688
May.....	84,708,772	5,165,610	2,767,000	92,641,382	1,936,142	1,211,101	95,828,625
June.....	86,022,624	5,152,012	2,708,367	93,882,903	1,075,617	1,324,740	96,883,260
July.....	84,527,701	5,115,800	2,694,322	92,337,823	2,046,518	1,413,430	95,797,771
August.....	83,399,441	5,099,181	2,697,439	91,196,061	2,005,081	1,374,058	94,575,199
September.....	81,311,132	5,155,957	2,435,601	88,892,690	2,747,120	1,370,100	92,910,910
October.....	80,972,200	5,168,774	2,480,355	88,621,329	2,689,498	1,710,927	93,021,754
November.....	77,704,086	5,033,841	2,119,033	84,856,960	3,131,800	1,211,880	90,540,640
December.....	76,561,275	5,138,650	2,735,935	84,435,860	2,311,208	1,187,148	87,934,216
Average for the year.....	83,172,074	5,207,375	2,673,493	91,052,942	2,315,023	1,203,576	94,571,539

TABLE NO. 2.

Monthly Record of Rainfall at Brooklyn and Vicinity from 1890 to 1900.

Year.	JAN.	FEB.	MAR.	APR.	MAY.	JUNE.	JULY.	AUG.	SEPT.	OCT.	NOV.	DEC.	TOTAL.	REMARKS.
	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	
1890.....	2.43	3.22	4.90	0.53	4.63	4.91	3.97	4.01	7.21	6.39	0.92	5.45	49.51	Record taken at New York Signal office.
1891.....	5.93	4.69	4.10	0.33	1.09	0.92	1.73	7.11	9.43	9.84	2.12	2.38	39.95	"
1892.....	5.07	0.20	4.00	3.00	1.80	2.60	2.31	3.84	0.78	0.65	6.80	1.02	37.18	"
1893.....	3.12	7.38	4.34	0.74	1.03	1.53	2.31	6.40	2.55	1.28	1.06	3.95	32.38	"
1894.....	1.57	4.21	5.08	4.93	2.70	2.53	1.70	1.78	7.08	3.30	5.06	5.70	40.44	To March 3 taken at New York Signal office.
1895.....	4.31	0.76	0.95	2.30	1.09	2.72	4.63	3.83	1.05	4.30	3.45	1.01	36.48	From March 3 taken at Adelphi Academy, Brooklyn.
1896.....	0.68	5.83	5.61	1.40	2.79	5.24	5.39	2.05	3.92	1.73	2.70	1.95	30.51	Record taken at Municipal Building, Brooklyn.
1897.....	3.16	2.67	2.23	3.10	6.04	2.68	10.00	3.72	7.35	0.94	4.83	4.04	45.50	"
1898.....	7.30	4.73	4.98	3.71	6.03	1.37	4.89	1.41	9.03	5.75	6.57	2.93	47.90	"
1899.....	3.73	3.24	6.12	1.51	1.84	2.34	7.08	4.48	6.13	2.07	1.64	1.93	42.11	"

TABLE NO. 3.

Monthly Record of Rainfall at Hempstead Storage Reservoir from 1890 to 1900.

YEAR.	JAN.	FEB.	MAR.	APR.	MAY.	JUNE.	JULY.	AUG.	SEPT.	OCT.	NOV.	DEC.	TOTAL.
	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.
1890.....	4.93	4.52	8.08	4.69	1.97	3.40	5.34	4.73	6.49	7.39	1.04	4.34	59.88
1891.....	4.31	1.78	1.39	1.83	0.00	0.91	6.66	1.09	2.94	3.47	2.02	3.68	39.18
1892.....	5.03	1.08	4.54	4.53	1.23	2.72	1.79	2.98	3.73	6.42	4.09	1.66	37.75
1893.....	1.32	5.75	4.32	1.70	1.19	0.81	1.44	4.07	1.09	5.31	3.58	3.39	39.61
1894.....	0.99	3.30	1.97	0.74	3.42	0.52	0.81	0.60	1.89	7.11	3.33	4.90	30.68
1895.....	3.08	0.65	2.73	3.45	0.29	1.08	1.07	1.79	1.73	3.32	3.48	0.19	35.64
1896.....	1.10	7.04	4.62	1.42	2.04	5.30	3.75	3.01	8.35	1.70	0.91	0.04	35.82
1897.....	2.97	2.74	3.11	3.33	4.64	3.17	12.68	0.68	1.51	1.31	5.00	4.85	46.42
1898.....	4.12	3.73	3.45	3.79	8.99	0.77	5.43	4.83	0.44	5.81	6.10	2.36	51.22
1899.....	4.92	5.09	7.79	1.47	1.79	0.81	5.07	3.30	3.17	2.70	2.60	1.82	47.60

TABLE NO. 4.

Depth at Storage Reservoir, and Depth and Quantity of Water in Ridgewood and Mount Prospect Reservoirs, and Average Amount Pumped at Ridgewood.

1899.	Storage Reservoir, Average Depth.	RIDGEWOOD RESERVOIR.						MOUNT PROSPECT RESERVOIR.		DAILY AVERAGE UNITED ST. GAL. PUMPED AT RIDGE- WOOD.
		BASIN NO. 1 AND 2.				BASIN NO. 3.		Average Depth.	United States Gallons.	
		Average Depth.		United States Gallons.	Average Depth.	United States Gallons.				
		No. 1.	No. 2.							
	Feet.	Feet.	Feet.		Feet.		Feet.			
January.....	4.44	15.43	*21.59	91,579,100	14.31	104,894,100	21.27	20,601,800	94,523,932	
February.....	5.80	13.09	11.03	81,665,300	16.66	77,973,100	20.54	32,277,900	97,476,379	
March.....	14.70	16.08	16.08	121,076,300	21.30	82,150,300	21.08	76,325,600	91,343,980	
April.....	18.31	17.00	17.00	136,135,600	27.41	84,343,100	21.79	20,671,500	128,877,368	
May.....	19.34	18.76	18.76	142,890,600	27.24	127,604,900	21.00	20,227,600	144,097,861	
June.....	18.25	17.70	17.70	134,000,000	15.83	116,630,500	20.56	20,000,000	144,347,073	

\* Water turned into Basin No. 2, January 6.

TABLE NO. 5.

Meters Set During Year 1899.

	1/4-Inch.	3/8-Inch.	1-Inch.	1 1/2-Inch.	2-Inch.	3-Inch.	4-Inch.	6-Inch.	Total.
Thompson.....	59	9	32	13	5	3	3	3	109
Crown.....	42	7	8	1	5	1	9	..	66
Worthington.....	41	5	8	13	19	9	9	..	67
Trident.....	58	12	19	8	2	8	5	1	123
Gen.....	..	..	..	..	2	..	1	1	4
Miscellaneous.....	3	..	1	..	..	..	..	..	4
Sprinklers.....	..	..	..	..	19	..	..	..	19
	473	29	48	33	57	15	15	5	587



TABLE No. 6.  
Meters in Use January 1, 1900.

	1/2-inch	3/4-inch	1-inch	1 1/4-inch	1 1/2-inch	2-inch	2 1/2-inch	3-inch	4-inch	6-inch	8-inch	10-inch	Total
Crown	693	168	332	54	105	14	10	1	1	1	1	1	1,346
Worthington	128	6	197	98	194	64	46	1	1	1	1	1	799
Thompson	248	39	87	31	27	0	10	5	1	1	1	1	452
Gen	6	1	3	3	85	94	13	1	1	1	1	1	173
Trident	57	21	22	13	7	4	6	4	1	1	1	1	144
Nash	34	1	0	1	1	1	1	1	1	1	1	1	43
Hervey	25	1	1	1	1	1	1	1	1	1	1	1	28
Miscellaneous	25	9	5	1	3	1	1	1	1	1	1	1	90
Sprinklers	1	1	1	1	1	1	1	1	1	1	1	1	19
	1,267	293	571	115	442	117	122	17	1	1	1	1	3,045

TABLE No. 7.

Showing Water-mains Laid, Gates and Hydrants Set during 1899.

	Hydrants	8-inch	6-inch	4-inch	3-inch	Total
Distribution pipe	189	14,312	48,288	20,410	18,153	95,089
Gates	1	63	102	30	14	208
Hydrants	189	1,374	1,111	1,111	1,111	189

TABLE No. 8.

CITY OF NEW YORK—BOROUGH OF BROOKLYN, DEPARTMENT OF WATER SUPPLY, BUREAU OF CHIEF ENGINEER.  
Water-mains Laid, Gates and Hydrants Set, to December 31, 1899.

	YEAR.	48-INCH.	36-INCH.	30-INCH.	24-INCH.	18-INCH.	14-INCH.	12-INCH.	10-INCH.	8-INCH.	6 INCH.	4-INCH.	TOTAL MILES.
<i>Water-mains Laid.</i>													
Total to December 31	1897	99,970	54,616	49,869	137,066	35,474	3,159	245,392	19,601	304,392	1,713,090	55,305	516,933
During	1898	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
During	1899	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Total feet		99,970	54,616	49,869	137,066	47,567	3,159	306,551	19,601	547,721	2,129,208	55,305	1,000,000
Total miles		18,934	10,344	9,445	25,939	9,009	598	58,059	3,712	120,674	337,505	10,473	535,714
<i>Gates and Hydrants Set.</i>													
Total to December 31	1897	17	17	29	180	9	1	439	7	930	3,023	79	4,315
During	1898	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
During	1899	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Total		17	17	29	180	23	1	470	7	1,073	5,023	79	4,315

TABLE No. 9.

Showing Number of Permits, Repairs, etc., from October 1 to December 31, 1899.

1899.	LEAKS BY DISTRIBUTION.								Drinking - hydrants Repaired.	Fire-hydrants repaired.	Leads Reported by Inspectors.	Premises Cut off.	Taps Inspected.	Complaints of Violations.	Permits for Extension.	Permits for Old and New Buildings.	Permits to Connect Sidewalks, etc.	Stopscocks Repaired.	Street Opening Permits.	Special and Temporary Taps.	Accommodation Permits.	Draw Tap and Plug Permits.	Special Water Permits.	Citizens' Complaints Attended to.	
	4-inch.	6-inch.	8-inch.	12-inch.	16-inch.	20-inch.	30-inch.	48-inch.																	Total.
October.....	2	23	1	3	1	1	1	1	19	24	311	38	9	252	60	67	179	84	10	392	2	4	8	11	39
November.....	1	8	1	1	1	1	1	1	11	17	350	10	1	157	91	51	100	66	5	209	0	18	13	8	14
December.....	1	1	1	1	1	1	1	1	7	15	397	31	1	137	37	34	92	16	1	214	1	7	20	7	22
Total.....	2	22	2	5	3	3	3	3	37	56	1,058	90	13	546	188	152	371	166	24	925	3	29	31	26	99

## BOROUGH OF QUEENS.

## SUMMARY OF EXPENDITURES FOR THE QUARTER ENDING DECEMBER 31, 1899.

Contingencies	\$530 30
Fund for steam pump (College Point Water Works)	5,509 34
Maintenance and repairs to water-pipes	6,762 83
Pumping stations, fuel and supplies	9,194 25
Salaries—Office of Deputy Commissioner	4,037 84
Salaries—Pumping stations	5,504 50
Supplying water to Long Island City	25,865 85
Water Main Fund—Queens	21 00
Water Tower Fund—College Point Pumping Plant Extension—College Point	2,259 36
	\$59,745 27

## SUMMARY OF EXPENDITURES FOR THE YEAR 1899.

Contingencies	\$1,212 75
Fund for steam pump (College Point Water Works)	5,509 34
Maintenance and repairs to water-pipes	23,132 97
Pumping stations, fuel and supplies	23,659 71
Salaries—Office of Deputy Commissioner	15,678 91
Salaries—Pumping stations	22,285 92
Supplying water to Long Island City	54,541 70
Telephone service	735 89
Water-main Fund—Queens	84 00
Water Tower Fund—College Point	5,066 08
Water Tower Fund—College Point, and Pumping Plant Extension—College Point	2,259 36
	\$154,166 63

The water supply in this borough during the quarter has been sufficient for all purposes and we have had no complaints as to pressure except in one or two instances where the lack of pressure was due to long lines of private pipe of small size laid years ago and very much corroded. In one or two cases the trouble complained of was entirely removed by the laying of new service-pipe. During a part of this period we have been supplying both the former villages of Flushing and College Point from the Fresh Meadow Pumping Station, with some assistance from the Flushing Station. This, of course, makes considerable difference in the relative out-puts of those two stations.

Considerable work has been done in the way of repairing the old Long Island City stations, which were sadly in need of repair.

## TABLE OF WORK DONE DURING THE QUARTER ENDING DECEMBER 31, 1899.

Number of taps—	14
First Ward	14
Third Ward	31
Number of leaks repaired—	10
First Ward	10
Third Ward	10
Number of hydrants repaired—	46
First Ward	14
Third Ward	11
Number of boxes repaired—	7
First Ward	7
Third Ward	5
New boxes set—	5
First Ward	5
Third Ward	5
New hydrants set—	1
First Ward	1

## Table of Coal Used and Water Pumped.

	POUNDS OF COAL (AVERAGE PER DAY).	GALLONS OF WATER PUMPED (AVERAGE PER DAY).
First Ward, Station No. 1	5,208	824,497
" " " " " "	7,742	1,014,024
" " " " " "	3,498	643,610
Third Ward, Flushing Station	5,661	1,209,372
" " College Point Station	9,776	791,190
" " Whitestone Station	1,085	188,253
Citizens' Water Supply Company—		
Flushing avenue meter		1,129,884
Laurel Hill meter		267,249
Thomson avenue meter		1,159,497

It is necessary for economy of maintenance and to prepare for any accident to the machinery in three pumping stations in the Third Ward, Borough of Queens, that the mains of the several stations be connected, at an estimated cost of—  
 For laying additional mains in this ward..... \$65,000 00  
 For additional hydrants on old mains, called for by the Fire Department..... 12,000 00  
 For increase of storage pond at College Point Pumping Station..... 50,000 00  
 For mains to be laid in First Ward..... 30,000 00  
 For wells, etc., at Pumping Station No. 3, First Ward..... 20,000 00

At Station No. 2 carpenter work and brick work, including the practical resetting of one of the boilers, has been completed.

At Station No. 3 a new addition has been built and the boiler that has been lying on the ground outside for some years has been set.

The Flushing Station is in its usual excellent condition.

The College Point Pumping Station is in a fair condition, but requires some painting and some carpenter work. The new Snow pump is working now continuously, and we have an opportunity to overhaul the Worthington pump. With the connection open between the College Point and Flushing systems, I think we will have water enough for all our needs during the coming summer.

The Whitestone Station is in a very good condition. Unless, however, some wells are driven there or a connection is made between the College Point, Flushing and Whitestone systems, we shall be very short of water during the coming summer.

Wherever the various private water companies operating in this borough lay new mains and set new hydrants under a permit from this Department, care is taken that the hydrants be properly set as to location and elevation. There are, however, a large number of hydrants in the various private water companies' systems that have been set a number of years, some of which are too low for the convenient connection of fire-hose, and others that are in such a position with regard to the curb line as to interfere either with passenger or vehicle traffic.

## TABLE OF WORK DONE DURING YEAR 1899.

Number of taps—	110
First Ward	110
Third Ward	103
Number of leaks repaired—	30
First Ward	30
Third Ward	44



Number of stopcocks repaired—	
First Ward.....	37
Third Ward.....	5
Number of hydrants repaired—	
First Ward.....	111
Third Ward.....	41
Number of boxes repaired—	
First Ward.....	35
Third Ward.....	30
New stopcocks set—	
First Ward.....	12
Third Ward.....	1
New boxes set—	
First Ward.....	29
Third Ward.....	12
New hydrants set—	
First Ward.....	15
Third Ward.....	—

Table of Coal Used and Water Pumped.

	POUNDS OF COAL. (AVERAGE PER DAY.)	GALLONS PUMPED. (AVERAGE PER DAY.)
First Ward, Station 1.....	3,052	800,253
" " 2.....	7,166	907,033
" " 3.....	3,524	715,444
Third Ward, Flushing Station.....	3,804	1,006,868
" College Point Station.....	2,485	628,696
" Whitestone Station.....	1,123	211,816
Citizens' Water Supply Company—		
Flushing Avenue Meter.....	—	1,127,915
Laurel Hill Meter.....	—	408,185
Thompson Avenue Meter.....	—	2,407,954

## BOROUGH OF RICHMOND.

## EXPENDITURES FOR THE QUARTER ENDING DECEMBER 31, 1899.

Contingencies.....	\$320 71
Pumping Stations—Salaries and Supplies.....	2,174 96
Salaries—Office of Deputy Commissioner.....	1,591 62
	\$4,087 29

## EXPENDITURES FOR THE YEAR 1899.

Contingencies.....	\$606 64
Pumping Stations—Salaries and Supplies.....	5,450 16
Salaries—Office of Deputy Commissioner.....	6,422 93
	\$12,479 73

Average daily use of water.....	Gallons, 72,000
Taps placed during the quarter.....	18
Taps placed during the year.....	73

The wells and machinery have been kept in good order and the grounds cleaned up, ready for seeding.

In order to keep up with the increased demands, I recommend that five more wells be placed.

Respectfully yours,

G. W. BIRDSALL, Chief Engineer.

## DOCUMENT "C."

WILLIAM DALTON, Esq., Commissioner of Water Supply.

DEAR SIR—I herewith transmit a schedule of the charitable institutions exempt from taxation, which is copied from a previous annual report, together with those that have been exempted during the year 1899. Also a statement of the amount of revenue derived from Croton water, from the year 1842 up to and including December 31, 1898, copied from a former annual report, together with the revenue derived from Croton water for the year 1899, and also a statement of the entire amount of money received in this office during the year 1899, as more particularly set forth in that part of my report.

Charitable Institutions which have Applied for Exemption from Charges for Croton Water Under the Provisions of Chapter 646 of the Laws of 1887, and as Amended by Chapter 402, Laws of 1890, which the Council to the Corporation has Advised are Entitled to Exemption Under the Act.

Year.	INSTITUTION.	RATED.	LOCATION.	AMOUNT.
1888	Association for the Relief of Aged and Indigent Females.....	Regular rents	Tenth avenue and One Hundred and Fourth street.....	\$43 10
1889	Asylum of St. Vincent de Paul.....	Meter.....	No. 211 West Thirty-ninth street.....	209 75
1891	Association for Befriending Children and Young Girls.....	".....	No. 130 Second avenue.....	12 50
1894	American Female Guardian Society.....	Regular rents.	Nos. 225 and 227 East Eighty-ninth street.....	11 00
1888	Baptist Home for Aged and Infirm Persons.....	Meter.....	Fourth avenue and East Sixty-eighth street.....	108 30
1888	Colored Orphan Asylum.....	".....	One Hundred and Forty-third street and Northern Boulevard.....	690 30
1894	Children's Aid Society.....	".....	No. 27 St. Mark's place.....	14 00
1894	".....	".....	Nos. 222 and 224 William street.....	30 00
1894	".....	".....	No. 267 East Broadway.....	25 00
1894	".....	".....	Nos. 107 and 109 Avenue B.....	17 00
1894	".....	".....	No. 307 East Twelfth street.....	17 00
1894	".....	".....	Nos. 523 and 527 Second avenue.....	18 00
1894	".....	".....	Nos. 400 and 402 Seventh avenue.....	17 00
1891	Die Deutsche Poliklinik.....	Regular rents.	No. 98 Seventh street.....	16 00
1890	Day Nursery and Babies' Shelter.....	".....	No. 118 West Twenty-first street.....	20 00
1888	French Benevolent Society.....	".....	No. 121 West Fourteenth street.....	27 00
1888	German Hospital Dispensary.....	Meter.....	Nos. 138 and 137 Second avenue.....	35 50
1888	German Hospital and Dispensary.....	".....	Park avenue and Seventy-seventh street.....	794 70
1894	Good Samaritan Dispensary.....	".....	Northwest corner Broome and Essex streets.....	17 00
1888	Hebrew Sheltering and Guardian Society.....	".....	Northeast corner Eighty-seventh street and Avenue A.....	100 30
1888	Hebrew Sheltering and Guardian Society.....	".....	West side Boulevard, One Hundred and Fifty-ninth and One Hundred and Fifty-first streets.....	501 50
1889	Home for the Aged and Indigent Women.....	".....	Southeast corner Tenth avenue and One Hundred and Fourth streets.....	180 00
1888	Home for Aged and Infirm Hebrews.....	".....	Nos. 112 and 102 West One Hundred and Twenty-fifth street.....	212 30

Year.	INSTITUTION.	RATED.	LOCATION.	AMOUNT.
1888	Hebrew Benevolent and Asylum Society.....	Meter.....	West side of Tenth avenue, between One Hundred and Forty-ninth and One Hundred and Thirty-ninth streets.....	\$4,441 30
1889	Home of Good Shepherd and St. Ann's Home.....	Regular rents.	Southeast corner of Eighty-ninth street and Avenue A.....	18 30
1888	Hahnemann Hospital.....	Meter.....	East side of Fourth avenue, between Sixty-seventh and Sixty-eighth streets.....	447 50
1890	Home for Old Men and Aged Couples.....	Regular rents.	Nos. 487 to 491 Hudson street.....	38 00
1889	Home for the Aged of the Little Sisters of the Poor.....	Meter.....	Nos. 201 to 215 East Seventieth street.....	175 30
1888	Home for the Aged of the Little Sisters of the Poor.....	".....	North side of West One Hundred and Sixth street, between Ninth and Tenth avenues.....	175 10
1888	Home of the Good Shepherd.....	".....	East of East Ninetieth street.....	640 70
1888	".....	".....	Southeast corner Avenue A and Ninety-ninth street.....	327 30
1888	Leake and Watts Orphan Home.....	".....	West One Hundred and Tenth street and North avenue.....	96 30
1889	Manhattan Dispensary and Hospital.....	Regular rents.	One Hundred and Thirty-first street and Tenth avenue.....	32 10
1888	Manhattan Eye and Ear Hospital.....	Meter.....	No. 105 Park avenue.....	847 30
1888	Methodist Episcopal Church Home.....	".....	Nos. 1384 to 1386 Tenth avenue.....	219 00
1889	Montefiore Home for Chronic Invalids.....	".....	Boulevard and West One Hundred and Thirty-fifth street.....	497 00
1888	Mount Sinai Hospital.....	".....	East side of Lexington avenue, between Sixty-ninth and Sixty-seventh streets.....	1,091 50
1894	Margaret Stracken Home.....	".....	Nos. 103 and 105 West Twenty-seventh street.....	23 00
1890	New York Institution for the Blind.....	".....	East side of Ninth avenue, between Thirty-third and Thirty-fourth streets.....	1,048 00
1888	New York Foundling Asylum.....	".....	Third and Lexington avenues, between Sixty-ninth and Sixty-sixth streets.....	1,320 80
1888	New York Foundling Asylum.....	".....	Spuyten Duyvil.....	128 40
1888	New York Asylum for Lying-in Women.....	Regular rents.	No. 129 Second avenue.....	11 00
1888	New York Cancer Hospital.....	Meter.....	Southeast corner One Hundred and Sixth street and Eighth avenue.....	265 10
1888	New York Hospital and Bloomingdale Asylum.....	".....	Nos. 7 to 21 West Fifteenth street, also No. 8 West Sixteenth street, also Boulevard, between One Hundred and Seventeenth and One Hundred and Eighteenth streets.....	2,740 10
1894	New York Hospital and Bloomingdale Asylum.....	".....	Hudson street, between Jay and Staph streets.....	18 00
1888	New York Homeopathic Hospital.....	Regular rents.	West side Avenue A, between Sixty-third and Sixty-fourth streets.....	50 00
1888	New York Ophthalmic Hospital.....	Meter.....	No. 201 East Twenty-third street.....	124 30
1891	New York Post-Graduate Medical School, etc.....	".....	Nos. 344, 346 and 348 Second avenue.....	131 00
1888	New York Society for the Relief of the Pauper and Crippled.....	".....	Nos. 300 and 302 Second avenue and No. 205 East Twentieth street.....	8 00
1889	New York Society for the Relief of the Pauper and Crippled.....	Regular rents.	No. 131 East Forty-second street.....	434 20
1889	New York Society for the Relief of the Pauper and Crippled.....	".....	Nos. 4 and 5 Livingston place.....	39 00
1888	Nursery and Child's Hospital.....	Meter.....	No. 531 East Eighty-ninth street.....	21 00
1891	New York Juvenile Asylum.....	".....	No. 571 Lexington avenue.....	577 70
1890	New York Eye and Ear Infirmary.....	".....	East side Eleventh avenue, between One Hundred and Seventy-ninth and One Hundred and Seventy-eighth streets.....	1,762 30
1894	New York Ophthalmic Dispensary and Hospital.....	Regular rents.	Nos. 125 and 128 East Fifty-ninth street.....	48 00
1888	Protestant Hospital.....	Meter.....	Park avenue and East Seventy-ninth street.....	736 75
1888	Protestant Episcopal Orphan Home and Asylum.....	".....	East Forty-ninth street, between Lexington and Fourth avenues.....	244 30
1890	Peabody Home for Aged and Indigent Women.....	Regular rents.	Boston road and Clover street.....	—
1888	Roosevelt Hospital.....	Meter.....	South side West Fifty-ninth street, between Ninth and Tenth avenues.....	1,040 30
1888	Roman Catholic Orphan Asylum.....	Regular rents.	East side Fifth avenue, between Fifty-first and Fifty-second streets, south side East Fifty-second street, between Fifth and Madison and Madison and Fourth avenues.....	1,799 00
1887	Sisters of the Order of St. Dominick.....	".....	Nos. 137 to 143 Second street.....	40 00
1888	Skin and Cancer Hospital.....	Meter.....	No. 243 East Thirty-fourth street, Fordham Heights.....	720 00
1888	St. Elizabeth Hospital.....	".....	Fifty-ninth street and Tenth avenue.....	644 50
1888	St. Francis Hospital.....	".....	No. 224 West Thirty-first street.....	32 50
1888	St. Joseph's Hospital.....	".....	No. 269 Fifth street.....	450 30
1888	St. Joseph's Hospital.....	Regular rents.	East One Hundred and Forty-third and East One Hundred and Forty-fourth streets, between St. Ann's and Brook avenues.....	12 00
1888	St. Luke's Hospital.....	Meter.....	No. 27 West Fifty-fourth street.....	760 10
1888	St. Vincent's Hospital.....	".....	Nos. 124 to 126 West Eleventh street, and Nos. 126 to 124 West Twelfth street.....	308 10
1888	St. Vincent's Hospital.....	".....	Also Nos. 17 and 19 Seventh avenue.....	410 00
1888	St. James' Home.....	Regular rents.	No. 26 James and No. 28 Oliver streets.....	34 00
1888	St. Philip's Parish House.....	".....	No. 187 West Thirtieth street.....	10 00
1888	St. Joseph's Home for the Aged.....	".....	No. 211 West Fifty-ninth street.....	200 00
1888	St. Joseph's Orphan Asylum.....	".....	North side Eighty-ninth street, between First avenue and Avenue A.....	5 00
1888	St. Mary's Free Hospital for Children.....	Meter.....	Nos. 401 and 407 West Thirty-fourth street.....	132 20
1888	Society for the Relief of the Poor and Destitute Children.....	Regular rents.	Manhattan avenue, between One Hundred and Fourth and One Hundred and Fifth streets.....	297 30
1890	St. Mary's Lodging-House.....	".....	No. 243 West Fourteenth street.....	33 00
1891	St. Joseph's Industrial Home.....	".....	No. 89 East Eighty-first street.....	240 00
1890	Sheltering Arms.....	".....	South side One Hundred and Twenty-ninth street, between Amsterdam avenue and Broadway.....	34 40
1890	".....	".....	West side Amsterdam avenue, between Lawrence street and Broadway.....	116 00
1890	".....	".....	North side Lawrence street, between Amsterdam avenue and Broadway.....	21 85
1891	St. Joseph's Institute for the Improved Instruction of Deaf Mutes.....	Regular rents.	Longland place, between One Hundred and Eighty-ninth and One Hundred and Eighty-ninth streets.....	24 00
1885	St. Joseph's Home, Not exempt since 1887.....	Meter.....	Nos. 125 and 127 East Twenty-eighth street.....	201 40
1892	St. Elizabeth Industrial School.....	Regular rents.	No. 235 East Fourteenth street.....	70 00
1881	Trinity Corporation.....	Meter.....	No. 50 Varick street.....	80 40
1888	The Orphan Asylum of the City of New York.....	".....	West Seventy-third street, between Eleventh avenue and Riverside drive.....	415 50
1888	The Laura Franklin Free Hospital.....	".....	Nos. 12 and 14 East One Hundred and Eleventh street.....	115 50
1890	The Home for the Aged of the Church of the Holy Communion.....	Regular rents.	No. 120 First avenue.....	11 00
1890	The St. Mark's Hospital.....	".....	No. 217 Second avenue.....	11 00
1890	The Five Points House of Industry.....	Meter.....	Nos. 147 and 155 Worth street.....	10 30
1890	The Colored Home and Hospital.....	".....	First avenue, between Sixty-fourth and Sixty-fifth streets.....	5,175 30
1890	The New York Society for the Prevention of Cruelty to Children.....	Regular rents.	Nos. 200 and 202 East Twenty-third street.....	25 00
1890	The Babies' Hospital.....	".....	No. 257 Lexington avenue.....	25 00



YEAR.	INSTITUTION.	RATES.	LOCATION.	AMOUNT.
1891	The House of Mercy.....	Metor.....	Fourteenth avenue, between Two Hundred and Thirtieth and Two Hundred and Fiftieth streets.....	\$189 00
1890	The Guardian of the Sisterhood of the Holy Communion.....	Regular rates.....	No. 328 Sixth avenue.....	97 00
1892	The Samaritan Home for the Aged.....	".....	No. 114 West Twenty-second street.....	28 00
1892	The Institution for the Improved Instruction of Deaf Mutes.....	Metor.....	West side Lexington avenue, from Sixty-seventh to Sixty-eighth street.....	1,018 40
1892	The New York Home for Convalescents.....	Regular rates.....	No. 433 East One Hundred and Eighteenth street.....	10 00
1892	The Free Home for Destitute Young Girls.....	".....	No. 23 East Eleventh street.....	16 95
1892	The American Female Guardian Society.....	".....	No. 32 East Thirtieth street through to No. 29 East Twenty-ninth street.....	62 00
1893	The Harlem Eye, Ear and Throat Infirmary.....	".....	No. 144 East One Hundred and Twenty-seventh street.....	9 00
1893	The Louis Downtown Sabbath and Daily School.....	".....	No. 267 Henry street.....	20 00
1892	The House of the Holy Comforter.....	Regular rates.....	No. 149 Second avenue.....	38 00
1892	The Home for Insurables.....	Metor.....	Block bounded by Third avenue, Kingsbridge and Quarry roads.....	1,139 30
1892	The Sisters of the Good Shepherd, not exempt after November 1, 1899.....	Regular rates.....	Nos. 417 and 419 West Nineteenth street.....	22 00
1893	The Young Women's Christian Association.....	Metor.....	No. 7 East Fifteenth street, and Nos. 14 and 16 East Sixteenth street.....	328 10
1893	Women's Hospital.....	".....	Fiftieth street and Park avenue.....	595 10
1893	West Side Day Nursery.....	Regular rates.....	No. 265 West Barnish street.....	8 00
1893	Women's Home.....	Metor.....	No. 110 Second avenue.....	82 50
1894	Young People's American Home.....	Regular rates.....	No. 1147 First avenue.....	20 00
1895	Baron de Hirsch Fund Institution, by advice of Commissioner of Public Works, May 14, 1891.....	".....	East Broadway and Market street.....	687 10
1895	Beth Israel Hospital Association, by advice of Commissioner of Public Works, September 10, 1891.....	".....	No. 266 East Broadway and No. 195 Division street.....	131 70
1895	Columbus Hospital, by advice of Commissioner of Public Works, November 19, 1891.....	".....	No. 226 East Twentieth street.....	63 90
1895	Congregation Kol Adas Jeshurun, by advice of Commissioner of Public Works, December 19, 1891.....	".....	Nos. 20 to 16 Eldridge street.....	654 66
1895	Demile Dispensary, by advice of Commissioner of Public Works, March 18, 1891.....	".....	No. 245 East Twenty-third street.....	598 49
1893	Isabella Halmoth, by advice of Commissioner of Public Works, January 29, 1891.....	".....	One Hundred and Ninetieth street and Amsterdam avenue.....	1,156 25
1895	New York Polytechnic and Hospital, by advice of Commissioner of Public Works, January 22, 1891.....	".....	Nos. 224 to 226 East Thirty-fourth street.....	232 00
1895	New York Infant Asylum, by advice of Commissioner of Public Works, January 3, 1891.....	".....	Amsterdam avenue and Sixty-first street.....	14 00
1895	New York Ophthalmic and Aural Institution, by advice of Commissioner of Public Works, March 17, 1891.....	".....	Nos. 44 and 46 East Twelfth street.....	11 00
1895	New York Protestant Episcopal City Society, by advice of Commissioner of Public Works, July 21, 1891.....	".....	Nos. 330 and 332 Broome street.....	11 10
1895	St. Mark's Hospital, by advice of Commissioner of Public Works, May 1, 1891.....	".....	No. 177 Second avenue.....	34 00
1895	Society of the Lying-in Hospital of the City of New York, by advice of Commissioner of Public Works, March 22, 1891.....	".....	No. 251 East Seventeenth street.....	2 30
1895	Silver Cross Day Nursery, by advice of Commissioner of Public Works, October 18, 1891.....	".....	No. 242 East One Hundred and Twentieth street.....	10 00
1895	Exemption transferred to December 20, 1897.....	".....	Nos. 249 and 251 East One Hundred and Seventeenth street.....	18 00
1895	St. Joseph's Day Nursery, by advice of Commissioner of Public Works, December 20, 1891.....	".....	No. 473 West Fifty-seventh street.....	32 70
1895	Hebrew Technical Institute, by advice of Commissioner of Public Works, March 25, 1891.....	".....	Nos. 34 and 36 Bayview street.....	366 30
1895	Wells's Academy and Home for Ship Builders, by advice of Commissioner of Public Works, June 25, 1891.....	".....	Southeast corner Sedgwick avenue and Academy street.....	157 90

Charitable Institutions which have Applied for Exemption from Charges for Croton Water under the provisions of the Law above referred to, and Laws of 1896, Chapter 852, for the Year 1896, and Exempted.

INSTITUTION.	LOCATION.	RATES.
Die Deutsche Poliklinik of the State of New York, by advice of Commissioner of Public Works, December 11, 1891.....	No. 80 Seventh street.....	27 00
Hefner Institute, Agassiz Free Library and the Hebrew Free School Association, by advice of Commissioner of Public Works, August 11, 1891.....	Nos. 121 and 127 East Broadway.....	408 50
Missionary Sisters of the Third Order of St. Francis, by advice of Commissioner of Public Works, November 12, 1891.....	No. 22 West One Hundred and Twenty-ninth street.....	11 00
New York Magdalen Benevolent Society, by advice of Commissioner of Public Works, June 8, 1891.....	One Hundred and Thirty-ninth street and North river.....	63 00
New York Ladies' Home Missionary Society of the Methodist Episcopal Church, known as the Five Points Mission, by advice of Commissioner of Public Works, August 21, 1891.....	Nos. 62 and 64 Park street.....	152 48
New York Skin and Cancer Hospital, by advice of Commissioner of Public Works, December 14, 1891.....	Nos. 302 and 304 East Nineteenth street, and Nos. 530 to 532 Second avenue.....	13 00
St. Zita's Home for Friendless Women of the City, by advice of Commissioner of Public Works, May 21, 1891.....	Nos. 123 to 125 East Fifth-second street.....	99 00
St. Agnes' Nursery, by advice of Commissioner of Public Works, October 27, 1891.....	No. 7 Charles street.....	13 00
The Sero Hospital, by advice of Commissioner of Public Works, July 21, 1891.....	West side Spuyten Duyvil Parkway.....	1,076 40
Wilson Industrial School, by advice of Commissioner of Public Works, September 26, 1891.....	No. 125 St. Mark's place.....	40 00
Wetmore Home, by advice of Commissioner of Public Works, November 21, 1891.....	No. 141 West Fourth street.....	9 00
West Side German Dispensary, by advice of Commissioner of Public Works, December 11, 1891.....	No. 364 West Forty-second street.....	34 00
St. Elizabeth's Industrial School, by advice of Commissioner of Public Works, November 28, 1891.....	No. 937 East Fourteenth street.....	22 00

Charitable Institutions which have Applied for Exemption from Charges for Croton Water, under the Provisions of the Law above Referred to and Laws of 1896, Chapter 852, for the year 1897, and Exempted.

INSTITUTION.	LOCATION.	RATES.
Children's Aid Society, by advice of Commissioner of Public Works, December 9, 1891.....	No. 156 Leonard street..... No. 236 Mott street..... No. 630 Sixth street..... No. 219 Sullivan street..... No. 21 Pike street..... Nos. 173 and 175 Irvington street..... No. 217 East Twenty-first street..... No. 207 East Seventy-third street..... No. 118 East Eighty-eighth street..... No. 333 East Sixteenth street..... Nos. 119 and 121 East Sixteenth street..... No. 224 West Sixty-third street.....	Metor..... Regular rates.....

INSTITUTION.	LOCATION.	RATES.	AMOUNT.
Chapin Home for the Aged and Infirm, by advice of Commissioner of Public Works, December 17, 1897.....	No. 121 East Sixty-sixth street.....	Metor.....	\$87 50
Home for Old Men and Aged Couples, by advice of Commissioner of Public Works, July 2, 1897.....	Amsterdam avenue and One Hundred and Twelfth street.....	Regular rates.....	114 00
Metropolitan Throat Hospital, by advice of Commissioner of Public Works, May 10, 1897.....	No. 352 West Thirty-fourth street.....	Regular rates.....	21 00
Manhattan Eye and Ear Hospital, by advice of Commissioner of Public Works, July 2, 1897.....	No. 102 East Forty-first street.....	".....	".....
Missionary Society of the Most Holy Redeemer, by advice of Commissioner of Public Works, September 20, 1897.....	Nos. 4 and 6 Thompson street.....	".....	65 00
New York Infirmary for Women and Children, by advice of Commissioner of Public Works, November 9, 1897.....	No. 2 Livingston place.....	".....	17 00
People's Bath, by advice of Commissioner of Public Works, October 3, 1897.....	No. 9 Centre Market place.....	".....	1,180 60
St. Mary's Lodging-house, by advice of Commissioner of Public Works, January 27, 1897.....	No. 144 West Fifteenth street.....	".....	9 00
St. Philip's Parish House, by advice of Commissioner of Public Works, February 5, 1897.....	No. 122 Boston avenue.....	".....	".....
St. Lawrence Free School, by advice of Commissioner of Public Works, January 28, 1897.....	South side East Eighty-fourth street, between Park and Madison avenues.....	".....	25 00
St. Ann's Free School, by advice of Commissioner of Public Works, October 28, 1897.....	Nos. 113-117 East Eleventh street.....	".....	70 00
St. Joseph's Asylum, by advice of Commissioner of Public Works, December 29, 1897.....	North side East Eighty-ninth street, between First avenue and Avenue A.....	Regular rates.....	31 00

Charitable Institutions which have Applied for Exemption from Charges for Croton Water under the Provisions of the Law above referred to and Laws of 1896, Chapter 852, for the year 1898, and Exempted.

INSTITUTION.	LOCATION.	RATES.
Brightside Day Nursery and Kindergarten, by advice of Corporation Counsel, June 15, 1898.....	No. 141 Suffolk street.....	Regular rates.....
Halsey Day Nursery of St. Thomas P. E. Church, by advice of Corporation Counsel, February 26, 1898.....	No. 127 East Fifty-ninth street.....	".....
Lebanon Hospital Association, by advice of Commissioner of Water Supply, December 27, 1898.....	North side Westchester avenue, between Trinity and Cauldwell avenues.....	".....
Manhattan State Hospital, by advice of Corporation Counsel, September 19, 1898.....	Ward's Island and Ferry-house, One Hundred and Sixteenth street, East River.....	Metor.....
New York Association for Improving the Condition of the Poor, by advice of Corporation Counsel, January 24, 1898.....	Nos. 411 and 413 West Forty-sixth street.....	Regular rates.....
New York Juvenile Asylum, by advice of Commissioner of Water Supply, December 5, 1898.....	Eleventh avenue, between One Hundred and Seventy-sixth and One Hundred and Seventy-seventh streets.....	".....
New York Skin and Cancer Hospital, by advice of Commissioner of Water Supply, December 5, 1898.....	Nos. 325 East Nineteenth street.....	Regular rates.....
Riverside Association, by advice of Corporation Counsel, June 9, 1898.....	No. 139 West Sixty-ninth street.....	Metor.....
St. Patrick's Cathedral School.....	Nos. 113 to 119 East Thirtieth street.....	".....
St. Patrick's School.....	Nos. 272 and 274 Mott street and Nos. 32 to 36 Prince street.....	".....
Cathedral Library, by advice of Corporation Counsel, February 11, 1898.....	No. 121 East Fifth street.....	Regular rates.....
St. Catherine's Literary Society, by advice of Commissioner of Water Supply, November 25, 1898.....	South side East Sixty-ninth street.....	".....
St. Joseph's Institute for the Improved Instruction of Deaf Mutes, by advice of Corporation Counsel, October 7, 1898.....	No. 775 East One Hundred and Eighty-eighth street.....	Regular rates.....

Charitable Institutions which have Applied for Exemption from Charges for Croton Water under the Provisions of the Law above Referred to and Laws of 1896, Chapter 852, for the Year 1899, and Exempted.

INSTITUTION.	LOCATION.	RATES.
Colored Home and Hospital, by advice of Corporation Counsel on letter of Commissioner of Water Supply, January 30, 1899.....	One Hundred and Forty-first street and Concord avenue.....	Regular rates.....
Home for Fallen and Friendless Girls, by advice of Corporation Counsel on letter of Commissioner of Water Supply, November 28, 1899.....	No. 49 South Washington square.....	Regular rates, high to 1899, inclusive.....
Mother and Babies' Hospital, by advice of Corporation Counsel on letter of Commissioner of Water Supply, March 2, 1899.....	No. 592 Lexington avenue.....	Metor.....
Manhattan Ear and Eye Hospital, by advice of Commissioner of Water Supply, July 20, 1899.....	No. 102 East Forty-first street.....	".....
New York Infirmary for Women and Children, by advice of Corporation Counsel on letter of Commissioner of Water Supply, February 24, 1899.....	No. 307 East Fifteenth street.....	Regular rates.....
St. Joseph's Washington Place School, by advice of Corporation Counsel on letter of Commissioner of Water Supply, July 18, 1899.....	Nos. 102 and 111 Washington place and No. 97 Sixth avenue.....	".....
The Hebrew Infant Asylum, by advice of Corporation Counsel on letter of Commissioner of Water Supply, November 23, 1899.....	No. 909 Eagle avenue.....	".....

Applications Received from which Exemption has been Refused during the Year 1899.

INSTITUTION.	LOCATION.
Armistice House, by advice of Commissioner of Public Works, February 4, 1899.....	No. 343 West Forty-seventh street.....
New York Protestant Episcopal City Society, by advice of Commissioner of Public Works, June 29, 1899.....	No. 98 Bleeker street and Nos. 113 and 115 Broome street.....
New York Parochial School, by advice of Commissioner of Public Works, January 3, 1899.....	No. 151 Thompson street.....
St. John's Guild, by advice of Commissioner of Public Works, November 23, 1899.....	No. 137 West Sixty-first street.....

\$36,595 34



## Applications Received for which Exemption has been Refused during the Year 1896.

INSTITUTION.	LOCATION.
Church of St. Ignace Loyola, by advice of Commissioner of Public Works, July 13, 1896.	Southwest corner Park avenue and Eighty-fourth street.
Congregation Mount Zion, by advice of Commissioner of Public Works, November 13, 1896.	No. 65 East One Hundred and Thirtieth street.
Congregation Atonement, by advice of Commissioner of Public Works, November 25, 1896.	Nos. 147-149 East One Hundred and Twenty-first street.
Dominican Convent of Our Lady of the Rosary, by advice of Commissioner of Public Works, September 24, 1896.	Nos. 129-131 East Sixty-third street.
Five Points House of Industry, by advice of Commissioner of Public Works, February 27, 1896.	No. 155 Worth street.
German-American School Association, by advice of Commissioner of Public Works, December 14, 1896.	Nos. 244-246 East Fifty-second street.
House of the Holy Family, by advice of Commissioner of Public Works, October 27, 1896.	No. 139 Second avenue.
Jewish Theological Seminary, by advice of Commissioner of Public Works, September 24, 1896.	No. 736 Lexington avenue.
Manhattan East Side Mission, by advice of Commissioner of Public Works, June 8, 1896.	Nos. 410-422 East Twenty-sixth street.
New York Protestant Episcopal City Mission Society, by advice of Commissioner of Public Works, December 2, 1896.	Nos. 213 and 215 Thompson street.
New York Protestant Episcopal City Mission Society, by advice of Commissioner of Public Works, December 7, 1896.	No. 307 Mulberry street.
Presbyterian Church of the Sea and Land, by advice of Commissioner of Public Works, November 9, 1896.	No. 61 Henry street.
St. Joseph's Institute for the Improved Instruction of Deaf Mutes, by advice of Commissioner of Public Works, July 24, 1896.	Bayard and Hoffman streets.
School Sisters of St. Agnes, by advice of Commissioner of Public Works, August 27, 1896.	No. 238 East One Hundred and Thirtieth street.
The Tabernacle Baptist Church, by advice of Commissioner of Public Works, May 22, 1896.	No. 163 Second avenue.
The Tabernacle Baptist Church, by advice of Commissioner of Public Works, October 27, 1896.	Nos. 164, 166 and 168 Second avenue.
The New York Christian Home for Intemperate Men, by advice of Commissioner of Public Works, June 8, 1896.	No. 1173 Madison avenue.
United Hebrew Charities, by advice of Commissioner of Public Works, November 3, 1896.	No. 38 St. Mark's place.
Vanderbilt Clinic, by advice of Commissioner of Public Works, July 6, 1896.	Sixtieth street and Amsterdam avenue.
New York Catholic Prosemy, by advice of Commissioner of Public Works, July 28, 1896.	Nos. 415 and 417 Broom's street.

## Applications Received for which Exemption has been Refused during the Year 1897.

INSTITUTION.	LOCATION.
Beth Israel Hospital Association, by advice of Commissioner of Public Works, March 31, 1897.	No. 208 East Broadway and No. 193 Division street.
Congregation Kol Israel Poland, by advice of Commissioner of Public Works, February 26, 1897.	No. 20 Forsyth street.
Congregation Ahavath Achim Auschke Ungarn, by advice of Commissioner of Public Works, October 30, 1897.	No. 70 Columbia street.
East Side House, by advice of Commissioner of Public Works, March 10, 1897.	Nos. 540 and 542 East Seventy-sixth street.
Female Academy of the Sacred Heart, by advice of Commissioner of Public Works, November 3, 1897.	Nos. 44 & 48 West Eighteenth street.
Fifth Avenue Swimming School, Bath and Gymnasium, by advice of Commissioner of Public Works, February 26, 1897.	Nos. 2 and 4 East Forty-fifth street.
Loreto Free School, by advice of Commissioner of Public Works, April 9, 1897.	Nos. 204 and 206 Elizabeth street.
New York Hospital, by advice of Commissioner of Public Works, October 1, 1897.	No. 10 West Sixteenth street.
New York Sanitarium Hospital, by advice of Commissioner of Public Works, November 5, 1897.	No. 247 West Forty-ninth street.
St. Joseph's Institute for the Improved Instruction of Deaf Mutes, by advice of Commissioner of Public Works, October 20, 1897.	No. 779 East One Hundred and Eighty-eighth street.
St. Mark's Hospital, by advice of Commissioner of Public Works, March 4, 1897.	No. 292 East Thirtieth street.
St. James Free School Society, by advice of Commissioner of Public Works, September 21, 1897.	Nos. 25 to 29 James street.
St. Michael's Free School, by advice of Commissioner of Public Works, August 25, 1897.	Nos. 402 and 404 West Thirty-fifth street, No. 408 West Thirty-second street, Nos. 373 to 383 Ninth avenue.
St. Mary Magdalen School, by advice of Commissioner of Public Works, September 23, 1897.	No. 325 East Seventeenth street.
St. Francis Xavier's College, by advice of Commissioner of Public Works, September 24, 1897.	Nos. 131 and 133 West Nineteenth street.
St. Jerome's School, by advice of Commissioner of Public Works, November 24, 1897.	Northeast corner Alexander avenue and One Hundred and Thirty-seventh street.
Talman Torah School, by advice of Commissioner of Public Works, May 27, 1897.	Nos. 325 and 327 East Broadway.
Woman's Hospital, by advice of Commissioner of Public Works, May 22, 1897.	No. 518 Lexington avenue.

## Applications Received for which Exemption has been Refused during the Year 1898.

INSTITUTION.	LOCATION.
Dominican Convent of Our Lady of the Rosary, by advice of Corporation Counsel, April 19, 1898.	Nos. 329 to 331 East Sixty-third street, No. 120 East Sixty-fifth street.
General Theological Seminary, by advice of Corporation Counsel, February 25, 1898.	Ninth avenue, Twentieth and Twenty-first streets.
Henry Keep Flower Memorial Building and Chapel, by advice of Corporation Counsel, February 26, 1898.	Nos. 229 and 231 East Fifty-ninth street, No. 230 East Sixtieth street.
Sisters of the Sacred Heart, by advice of Corporation Counsel, June 7, 1898.	No. 122 Second avenue.
Young Men's Christian Association, by advice of Corporation Counsel, December 15, 1898.	No. 348 West Fifty-seventh street.
Roman Catholic Parochial Schools—Assumption, Elizabeth, Holy Cross, Holy Innocent, Immaculate Conception, Our Lady of Angels, Our Lady of Mt. Carmel, St. Anthony, St. Bridget, St. Columba, St. Francis of Assisi, St. Gabriel's, St. Jerome, St. John, St. Jean Baptiste, St. John Baptist, St. Mary's, St. Michael's, St. Michael's, St. Paul, St. Paul the Apostle, St. Stephen, St. Teresa, Sacred Heart of Jesus, St. Vincent de Paul, St. Vincent Ferrer, St. Francis College, St. Mary Magdalen, Transfiguration, by advice of Corporation Counsel, October 20, 1898.	

I have the honor to also submit a statement of moneys received for the year ending December 31, 1899, and placed to the credit of their respective accounts with the City Chamberlain, together with the amounts returned to the Bureau of Arrears.

## TOTAL RECEIPTS.

	REGULAR RATES.	PENALTIES.	TOTAL.
Quarter ending March 31.....	\$28,902 45	\$5,281 35	\$34,183 80
" June 30.....	609,471 11	8,177 45	617,648 56
" September 30.....	935,150 05	5,271 05	940,421 10
" December 31.....	224,798 47	8,427 55	233,226 02
	\$1,838,322 08	\$17,157 40	\$1,855,479 48
<i>Meter Measurement.</i>			
Meters outside of Riverside and exclusive of steamboat meters—			
Quarter ending March 31.....	\$27,137 10		
" June 30.....	555,499 26		
" September 30.....	481,808 83		
" December 31.....	594,058 08		
	\$1,658,503 27		

	REGULAR RATES.	PENALTIES.	TOTAL.
<i>Riverside Meters—</i>			
Quarter ending March 31.....	\$250 60		
" June 30.....	1,097 30		
" September 30.....	313 85		
" December 31.....	3,245 60		
	\$4,647 35		
<i>Steamboat Meters—</i>			
Quarter ending March 31.....	23,373 10		
" June 30.....	28,546 80		
" September 30.....	25,528 70		
" December 31.....	27,702 00		
	\$105,150 60		
<i>Miscellaneous.</i>			
<i>Building Purposes—</i>			
Quarter ending March 31.....	12,521 45		
" June 30.....	18,313 30		
" September 30.....	11,541 48		
" December 31.....	21,567 90		
	\$63,944 13		
<i>Permits issued, 1,380.</i>			
<i>Extras, Boilers, etc.—</i>			
Quarter ending March 31.....	1,008 04		
" June 30.....	858 50		
" September 30.....	7,335 90		
" December 31.....	663 80		
	\$9,866 24		
<i>Permits issued, 243.</i>			
<i>Tugs—</i>			
Quarter ending March 31.....	9,060 03		
" June 30.....	6,200 00		
" September 30.....	3,132 84		
" December 31.....	9,244 85		
	\$27,637 72		
<i>Permits issued, 675.</i>			
<i>Street Sprinkling.</i>			
Quarter ending March 31.....			
" June 30.....	\$14,000 00		
" September 30.....	14,000 00		
" December 31.....			
	\$28,000 00		
Amount set down as revenue.....			\$4,178,305 77
<i>Returned to Bureau of Arrears.</i>			
Regular rates.....	\$187,208 70		
Meter measurements.....	251,457 40		
Meter Setting Fund No. 2.....			297 49
Total revenue from Croton water returned to Bureau of Arrears.....			\$438,963 59
<i>Tugs.</i>			
Quarter ending March 31.....	\$3,497 00		
" June 30.....	6,772 50		
" September 30.....	3,428 00		
" December 31.....	6,173 50		
	\$19,871 00		
<i>Permits issued, 1,692.</i>			
<i>Meter Setting Fund No. 2.</i>			
Quarter ending March 31.....			
" June 30.....			
" September 30.....			
" December 31.....			
Amount set down as revenue.....			\$4,775,915 77
Total amount collected in this Bureau.....			\$4,775,915 77
<i>REVENUE.</i>			
Number of meters placed from January 1, 1899, to December 31, 1899.....			626
Total number of meters in use December 31, 1899.....			36,068
Revenue for 1899.....			\$4,178,305 77
" 1898.....			4,025,508 07
Increase of 1899 over 1898.....			\$152,797 70

All of which is most respectfully submitted.

Very respectfully,

WM. G. BYRNE, Water Register.

## REVENUE.

The following table exhibits the yearly revenue derived from Croton water from its introduction into the city in the year 1842 to January 1, 1899, copied from former Water Register's report, together with the revenue from January 1, 1899, to January 1, 1900:

	Statement of Arrears of Water Rates Returned to the Corporation, Clerk of Arrears, according to Law, and Collected by Clerk of Arrears.	TOTAL REVENUE.
From October 5, 1849, to May 1, 1843.....	\$29,053 74	\$29,053 74
From May 1, 1843, to May 1, 1844.....	84,444 00	84,444 00
" 1, 1844, " 1, 1845.....	117,007 00	117,007 00
" 1, 1845, " 1, 1846.....	165,000 00	165,000 00
" 1, 1846, " 1, 1847.....	195,340 84	195,340 84
" 1, 1847, " 1, 1848.....	220,416 72	220,416 72







## DEPARTMENT OF HEALTH.

WEEK ENDING SATURDAY, 12 M., MAY 19, 1900.

BOROUGH.	ESTIMATED POPULATION JULY 1, 1900.	DEATHS.		BIRTHS.	MAR-RIAGES.	STILL-BIRTHS.	DEATH-RATE.	
		1899.	1900.				1899.	1900.
Manhattan.....	2,067,341	569	834	777	210	65	27.47	21.88
*The Bronx.....	174,270	80	94	104	19	7	45.91	27.23
Brooklyn.....	1,467,155	344	459	371	90	39	24.57	20.31
Queens.....	136,559	43	56	48	17	2	25.73	21.40
Richmond.....	69,465	23	19	30	6	2	27.84	11.31
City of New York.	3,654,384	1,039	1,469	1,324	332	108	28.74	20.97

\* Many large institutions raise the death-rate.

Cases of Infectious and Contagious Diseases Reported.

	Week Ending—													
	Feb. 27.	Feb. 24.	Mar. 3.	Mar. 10.	Mar. 17.	Mar. 24.	Mar. 31.	April 7.	April 14.	April 21.	April 28.	May 5.	May 12.	May 19.
Phthisis.....	183	202	193	222	230	234	262	267	227	201	204	214	240	207
Dysentery.....	310	283	255	254	235	253	240	193	240	224	231	201	201	212
Croup.....	49	77	44	44	17	20	15	20	25	13	20	3	9	11
Measles.....	691	606	512	574	749	808	853	715	680	715	714	637	559	618
Scarlet Fever.....	419	103	460	774	463	116	187	154	128	120	165	152	166	134
Small-pox.....	2	2	1	7	2	1	1	1	1	1	1	1	1	1
Typhoid Fever.....	32	85	7	11	18	27	27	22	15	7	20	21	24	17
Typhus Fever.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Total.....	1,641	1,647	1,466	1,816	1,944	1,775	1,818	1,479	1,332	1,327	1,327	1,259	1,184	1,078

Deaths by Principal Causes, According to Locality and Age.

LOCALITY.	Principal Causes, According to Locality and Age.													
	Infectious Diseases, except Tuberculosis.	Phthisis.	Measles.	Whooping Cough.	Diarrhoeal Diseases.	Quarantine Diseases.	Other Diseases.	Phthisis.	Measles.	Whooping Cough.	Diarrhoeal Diseases.	Quarantine Diseases.	Other Diseases.	Total.
Manhattan.....	27	4	8	7	2	95	11	124	40	10	10	10	10	107
The Bronx.....	3	1	1	1	1	84	1	1	1	1	1	1	1	10
Brooklyn.....	97	1	5	9	3	21	20	53	30	4	1	1	1	73
Queens.....	1	1	1	1	1	1	1	1	1	1	1	1	1	9
Richmond.....	3	1	1	1	1	1	1	1	1	1	1	1	1	10
Total.....	93	7	16	19	7	171	25	180	82	26	3	3	3	208

Deaths According to Cause, Age and Sex.

	Deaths According to Cause, Age and Sex.													
	Total Deaths.	Deaths in Hospitals.	Males.	Females.	Under 1 Year.	1 Year and Under 5.	5 and Under 10.	10 and Under 15.	15 and Under 20.	20 and Over.	20 and Over.	20 and Over.	20 and Over.	20 and Over.
Total, all causes.....	1,469	7,139	783	674	392	117	571	71	89	299	299	299	299	299
Diphtheria.....	45	23	22	16	5	10	38	7	1	1	1	1	1	1
Croup.....	0	10	0	0	0	0	0	0	0	0	0	0	0	0
Measles.....	2	2	2	2	0	0	0	0	0	0	0	0	0	0
Scarlet Fever.....	23	12	9	14	0	7	20	3	1	1	1	1	1	1
Small-pox.....	1	1	1	1	0	0	0	0	0	0	0	0	0	0
Typhoid Fever.....	4	8	3	1	0	0	0	0	0	0	0	0	0	0
Typhus Fever.....	1	1	1	1	0	0	0	0	0	0	0	0	0	0
Whooping Cough.....	44	4	3	9	0	0	0	0	0	0	0	0	0	0
Diarrhoeal Diseases.....	19	18	18	1	14	1	17	1	1	1	1	1	1	1
Phthisis.....	191	141	191	0	0	0	0	0	0	0	0	0	0	0
Other Tuberculous Diseases.....	97	20	97	0	0	0	0	0	0	0	0	0	0	0
Diseases of the Nervous System.....	130	104	130	0	0	0	0	0	0	0	0	0	0	0
Heart Diseases.....	600	21	43	17	0	0	0	0	0	0	0	0	0	0
Respiratory Diseases.....	45	30	30	17	21	12	17	1	1	1	1	1	1	1
Pneumonia.....	242	168	129	113	37	44	26	106	16	8	37	47	10	10
Other Diseases of Respiratory Organs.....	30	21	21	12	0	0	0	0	0	0	0	0	0	0
Diseases of Digestive System.....	293	87	66	12	42	23	16	29	4	2	21	29	10	10
Diseases of Urinary System.....	100	38	31	7	0	0	0	0	0	0	0	0	0	0
*Congenital Defects.....	36	30	23	7	0	0	0	0	0	0	0	0	0	0
Old Age.....	20	20	0	13	0	0	0	0	0	0	0	0	0	0
Self-suicide.....	20	14	17	5	0	0	0	0	0	0	0	0	0	0
Other violent deaths.....	60	17	53	15	0	0	0	0	0	0	0	0	0	0
(All other causes.....	247	194	64	130	0	0	0	0	0	0	0	0	0	0

\* Including Premature Births, Premature Deaths, Injuries, Marasmus, and all Congenital Defects.

† 170: Syphilis, 2; Cholera, 1; Typhoid, 1; Cancer, 40; Rheumatism, 9; Diabetes, 9; Embolism, 5; Ovarian Disease, 4; Alcoholism, 12; Erysipelas, 2; Tuberculosis, 12; Diseases of Uterus, 2; Puerperal Fever, 2; Anemia, 1; Septicemia, 2; Otitis, 5; Child-birth, 1; Extra-uterine Pregnancy, 1; Senile Debility, 2; Puerperal Convulsions, 1; Purpura, 1; Perforated Ulcer, 1; Malaria, 2; Post-partum Hemorrhage, 1; Vomiting of Pregnancy, 1; Puerperal Mania, 1; Spinal Disease, 2; Hip-joint Disease, 2; Abscesses, 2.

Deaths by Violence in Detail:

Fraying and Cannibalism, 2; Burns and Scalds, 4; Railroad, 1; Suffocation, 1; Drowning, 11; Wounds, 1; Poison, 6; Exposure, 1; Criminal Abortion, 1; Suicide, 5; Homicide, 6.

Deaths According to Cause, Annual Rate per 1,000 and Age, with Meteorology and Number of Deaths in Public Institutions for 13 Weeks.

	Week Ending—													
	Feb. 24.	Mar. 3.	Mar. 10.	Mar. 17.	Mar. 24.	Mar. 31.	Apr. 7.	Apr. 14.	Apr. 21.	Apr. 28.	May 5.	May 12.	May 19.	May 26.
Total deaths.....	1,073	1,801	1,773	1,692	1,729	1,626	1,647	1,644	1,578	1,538	1,514	1,353	1,469	1,469
Annual death-rate.....	25.86	25.78	25.31	25.16	24.69	23.91	23.51	23.47	22.53	22.06	21.69	19.32	20.97	20.97
Diphtheria.....	30	51	46	43	46	37	32	30	35	43	39	44	45	45
Croup.....	14	13	7	14	13	0	13	11	5	1	0	7	9	9
Malarial Fevers.....	3	1	3	6	3	2	4	6	7	8	7	4	7	7
Measles.....	60	31	30	18	34	31	31	22	27	27	20	14	23	23
Scarlet Fever.....	12	21	19	17	10	10	14	18	18	12	13	18	16	16
Small-pox.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Typhoid Fever.....	10	3	6	4	8	6	7	7	3	8	0	13	4	4
Typhus Fever.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Whooping Cough.....	16	27	18	19	19	20	22	17	14	21	15	20	14	14
Diarrhoeal Diseases.....	90	21	10	11	18	21	11	18	18	13	13	10	10	10
Disordered Diseases (under 5 years).....	14	1	7	7	14	10	10	12	13	11	10	11	17	17
Phthisis.....	176	121	101	100	104	171	207	179	183	204	164	197	171	171
Bronchitis.....	77	103	70	36	10	62	59	40	0	25	35	45	45	45
Pneumonia.....	259	199	111	101	100	119	100	103	105	108	284	139	242	242
Other Diseases of Respiratory Organs.....	18	12	11	11	14	20	39	39	28	23	28	30	30	30
Violent Deaths.....	60	65	74	0	49	34	33	37	30	24	75	75	90	90
Under one year.....	324	334	337	316	323	273	334	312	291	309	319	337	342	342
Under five years.....	608	604	607	530	543	500	581	599	509	534	516	440	517	517
Five to sixty-five.....	812	891	874	821	807	840	839	810	801	801	780	725	724	724
Sixty-five years and over.....	313	311	309	297	292	266	227	206	223	183	118	106	208	208
In Public and Private Institutions.....	315	328	301	381	312	380	403	408	348	368	369	369	368	368
Lowest Cakes.....	150	179	193	159	157	177	155	168	164	195	171	177	158	158
Mean barometer.....	29.83	29.84	29.89	29.86	29.87	29.78	29.77	29.78	29.83	29.87	29.82	29.84	29.80	29.79
Mean humidity.....	69	74	67	70	67	65	68	68	63	61	63	63	63	63
Index of rain and snow.....	1.58	1.13	1.43	1.36	1.37	1.01	1.04	1.14	1.15	1.10	1.00	1.00	1.28	1.28
Mean temperature (Fahrenheit).....	33.12	35.78	35.35	34.10	35.70	35.20	35.70	35.20	35.20	35.20	35.20	35.20	35.20	35.20
Maximum temperature (Fahrenheit).....	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
Minimum temperature (Fahrenheit).....	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2

Infectious and Contagious Diseases in Hospital.

	WILLARD PARKER HOSPITAL.			RIVERSIDE HOSPITAL.					KINGSTON AVENUE HOSPITAL.				
	Scarlet Fever.	Diphtheria.	Total.	Diphtheria.	Measles.	Scarlet Fever.	Small-pox.	Total.	Diphtheria.	Measles.	Scarlet Fever.	Small-pox.	Total.
Remaining May 12.....	..	47	47	5	19	45	5	75	25	10	24	..	60
Admitted.....	..	20	20	6	45	12	2	65	3	8	1	..	12
Discharged.....	..	18	18	2	11	3	4	20	7	1	0	..	8
Died.....	..	6	6	1	..	1	1	3	2	2	1	..	5
Remaining May 19.....	..	43	43	7	54	50	2	113	20	14	25	..	59
Total treated.....	..	67	67	12	65	57	7	140	29	20	25	..	74

Cases of Infectious and Contagious Diseases Reported and Deaths from the Same, by Wards.

DEPARTMENT.	WARD.	SICKNESS.						DEATHS REPORTED.								
		Diphtheria.	Croup.	Measles.	Scarlet Fever.	Small-pox.	Typhoid Fever.	Typhus Fever.	Diphtheria.	Croup.	Measles.	Scarlet Fever.	Small-pox.	Typhoid Fever.	Typhus Fever.	All Causes.
Manhattan.	First .....	1	1	38	1	1	1	1	1	1	1	1	1	1	1	12
	Second .....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7
	Third .....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4
	Fourth .....	3	1	1	1	1	1	1	1	1	1	1	1	1	1	10
	Fifth .....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6
	Sixth .....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	13
	Seventh .....	60	1	1	1	1	1	1	1	1	1	1	1	1	1	41
	Eighth .....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	17
	Ninth .....	1	1	15	1	1	1	1	1	1	1	1	1	1	1	30
	Tenth .....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	27
	Eleventh .....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	28
	Twelfth .....	36	1	1	1	1	1	1	1	1	1	1	1	1	1	189
	Thirteenth .....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	17
Fourteenth .....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	23	



Cases of Infectious and Contagious Diseases Reported and Deaths from the Same, by Wards.

BOROUGH.	WARD.	SICKNESS.							DEATHS REPORTED.							All Causes.
		Diphtheria.	Croup.	Measles.	Scarlet Fever.	Small-pox.	Typhoid Fever.	Typhus Fever.	Diphtheria.	Croup.	Measles.	Scarlet Fever.	Small-pox.	Typhoid Fever.	Typhus Fever.	
The Bronx.	Fifteenth.....	6	1	1	1	1	1	1	1	1	1	1	1	1	1	8
	Sixteenth.....	5	1	3	3	1	1	1	1	1	1	1	1	1	1	25
	Seventeenth.....	8	1	4	9	1	1	1	4	1	1	1	1	1	1	50
	Eighteenth.....	9	1	7	8	1	1	1	1	1	1	1	1	1	1	32
	Nineteenth.....	25	1	63	10	1	1	1	4	1	1	1	1	1	1	119
	Twentieth.....	5	1	8	3	1	1	1	1	1	1	1	1	1	1	43
	Twenty-first.....	6	1	22	14	1	1	1	1	1	1	1	1	1	1	32
	Twenty-second.....	24	1	41	14	1	1	1	1	1	1	1	1	1	1	97
	Twenty-third.....	8	1	14	3	1	1	1	1	1	1	1	1	1	1	66
	Twenty-fourth.....	7	1	39	2	1	1	1	1	1	1	1	1	1	1	25
Total.....		176	3	187	100	9	14	11	35	3	15	9	1	1	1	925
Brooklyn.	First.....	1	1	3	1	1	1	1	1	1	1	1	1	1	1	6
	Second.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5
	Third.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7
	Fourth.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
	Fifth.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8
	Sixth.....	2	1	1	1	1	1	1	1	1	1	1	1	1	1	27
	Seventh.....	1	1	9	1	1	1	1	1	1	1	1	1	1	1	9
	Eighth.....	3	1	24	1	1	1	1	1	1	1	1	1	1	1	29
	Ninth.....	2	1	7	1	1	1	1	1	1	1	1	1	1	1	14
	Tenth.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	18
	Eleventh.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	12
	Twelfth.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	10
	Thirteenth.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5
	Fourteenth.....	3	1	5	1	1	1	1	1	1	1	1	1	1	1	14
	Fifteenth.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	14
	Sixteenth.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	13
	Seventeenth.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20
	Eighteenth.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	14
	Nineteenth.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	13
	Twentieth.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	11
	Twenty-first.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	16
	Twenty-second.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	23
	Twenty-third.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	17
	Twenty-fourth.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7
	Twenty-fifth.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8
	Twenty-sixth.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	29
	Twenty-seventh.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	14
	Twenty-eighth.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	39
	Twenty-ninth.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	49
	Thirtieth.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	10
	Thirty-first.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8
	Thirty-second.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	11
Total.....		64	20	159	37	11	3	10	10	5	17	7	1	1	1	469
Queens.	First.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	22
	Second.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	14
	Third.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8
	Fourth.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	18
	Fifth.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	14
Total.....		5	1	35	5	1	1	1	1	1	1	1	1	1	1	56
Richmond.	First.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
	Second.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
	Third.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8
	Fourth.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
	Fifth.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Total.....		2	1	36	5	1	1	1	1	1	1	1	1	1	1	29

## General Work of the Department.

Total inspections of premises.....	38,146
" orders issued for abatement of nuisances.....	1,453
" inspections of milk and other foods.....	24,598
" pounds of food condemned and destroyed.....	189,634
" chemical analyses made.....	57
" bacteriological examinations made for diphtheria.....	571
" bacteriological examinations made for tuberculosis.....	120
" vaccinations performed.....	3,414
" children's employment certificates granted.....	395
" children's employment certificates refused.....	9
" medical inspections of schools.....	2,127

Analysis of Croton Water, May 17, 1900.

	RESULTS, EXPRESSED IN GRAINS PER U. S. GALLON OF 231 CUBIC INCHES.	RESULTS, EXPRESSED IN PARTS BY WEIGHT IN ONE HUNDRED THOUSANDS.
Appearance.....	Very slightly turbid.	Very slightly turbid.
Color.....	Light yellowish brown.	Light yellowish brown.
Odor (Heated to 200° Fahr.).....	Marshy.	Marshy.
Chlorine in Chlorides.....	0.134	0.230
Equivalent to Sodium Chloride.....	0.281	0.379
Phosphates (P <sub>2</sub> O <sub>5</sub> ).....	None.	None.
Nitrogen in Nitrites.....	None.	None.
Nitrogen in Nitrates.....	0.0810	0.0810
Free Ammonia.....	0.0017	0.0000
Albuminoid Ammonia.....	0.0111	0.0199
Total Nitrogen.....	0.0910	0.0901
Hardness equivalent to Carbonate of Lime { Before boiling.....	3.207	3.50
After boiling.....	3.207	3.50
Organic and volatile (loss on ignition).....	1.049	1.80
Mineral matter (non-volatile).....	3.207	6.70
Total solids (by evaporation).....	4.956	8.30

Temperature at hydrant, 62° Fahr.

Analysis of Ridgewood Water, May 17, 1900.

	RESULTS, EXPRESSED IN GRAINS PER U. S. GALLON OF 231 CUBIC INCHES.	RESULTS, EXPRESSED IN PARTS BY WEIGHT IN ONE HUNDRED THOUSANDS.
Appearance.....	Slightly turbid.	Slightly turbid.
Color.....	Slightly brownish yellow.	Slightly brownish yellow.
Odor (Heated to 200° Fahr.).....	Slightly vegetable.	Slightly vegetable.
Chlorine in Chlorides.....	1.0700	1.8500
Equivalent to Sodium Chloride.....	1.7780	3.0400
Phosphates (P <sub>2</sub> O <sub>5</sub> ).....	None.	None.
Nitrogen in Nitrites.....	None.	None.
Nitrogen in Nitrates.....	0.0773	0.1385
Free Ammonia.....	0.0000	0.0000
Albuminoid Ammonia.....	0.0043	0.0074
Total Nitrogen.....	0.0808	0.1459
Hardness equivalent to Carbonate of Lime { Before boiling.....	1.0800	1.4000
After boiling.....	1.0800	1.4000
Organic and volatile (loss on ignition).....	5.7300	5.0000
Mineral matter (non-volatile).....	5.0300	6.4000
Total solids (by evaporation).....	6.7600	11.4000

Temperature at hydrant, 64.2° Fahr.



By order of the Board.

CASPAR GOLDERMAN, Secretary pro tem.



# METEOROLOGICAL OBSERVATORY OF THE DEPARTMENT OF PARKS.

Central Park, New York—Latitude 40° 45' 58" N. Longitude 73° 57' 58" W. Height of Instruments above the Ground, 53 feet; above the Sea, 97 feet.

Abstract of Registers from Self-recording Instruments for the Week ending May 19, 1900.

## Barometer.

DATE.	7 A.M.	9 P.M.	5 P.M.	MEAN FOR THE DAY.	MAXIMUM.	MINIMUM.
May.	Reduced to Freezing.	Reduced to Freezing.	Reduced to Freezing.	Reduced to Freezing.	Reduced to Freezing.	Reduced to Freezing.
Sunday, 21	29.958	29.884	29.817	29.855	29.958	29.784
Monday, 22	29.900	29.842	29.790	29.855	29.904	29.780
Tuesday, 23	29.850	29.780	29.808	29.825	29.880	29.774
Wednesday, 24	29.974	29.936	29.905	29.905	29.948	29.860
Thursday, 25	29.904	29.940	29.880	29.941	29.939	29.884
Friday, 26	29.794	29.693	29.628	29.705	29.832	29.566
Saturday, 27	29.640	29.571	29.470	29.575	29.656	29.470

Mean for the week 29.825 inches.  
Maximum at 10 P.M., May 25 29.948  
Minimum at 4 P.M., May 26 29.470  
Range .478

## Thermometers.

DATE.	7 A.M.	9 P.M.	5 P.M.	MEAN.	MAXIMUM.	MINIMUM.
May.	Dry Bulb.	Wet Bulb.	Dry Bulb.	Dry Bulb.	Wet Bulb.	Dry Bulb.
Sunday, 21	52	51	71	58	75	50
Monday, 22	54	53	71	59	75	50
Tuesday, 23	74	68	71	71	75	68
Wednesday, 24	74	68	71	71	75	68
Thursday, 25	74	68	71	71	75	68
Friday, 26	74	68	71	71	75	68
Saturday, 27	74	68	71	71	75	68

Mean for the week 68.9 degrees.  
Maximum at 10 P.M., May 25 75  
Minimum at 10 P.M., May 26 50  
Range 25

## Wind.

DATE.	DIRECTION.	VELOCITY IN MILES.	FORCE IN POUNDS PER SQUARE FOOT.
May.	7 A.M.	9 P.M.	5 P.M.
Sunday, 21	SW	SW	SW
Monday, 22	WSW	W	SW
Tuesday, 23	WSW	W	NW
Wednesday, 24	N	ESE	SSE
Thursday, 25	ESE	ESE	SE
Friday, 26	WSW	SSE	SSW
Saturday, 27	ESE	NNE	NNW

Distance traveled during the week 394 miles.  
Maximum force 34 pounds.

DATE.	HYGROMETER.	CLOUDS.	RAIN AND SNOW.	OZONE.
May.	Wet Bulb.	RELATIVE HUMIDITY.	CLEAR, OVERCAST, &c.	DEPTH OF RAIN AND SNOW IN INCHES.
Sunday, 21	52	51	71	58
Monday, 22	54	53	71	59
Tuesday, 23	74	68	71	71
Wednesday, 24	74	68	71	71
Thursday, 25	74	68	71	71
Friday, 26	74	68	71	71
Saturday, 27	74	68	71	71

Total amount of water for the week 2.58 inches.  
Duration for the week 1 day 6 hours 45 minutes.

DATE.	7 A.M.	9 P.M.
Sunday, May 21	Mild, pleasant, shower 12.15 A.M.	Hot, sultry.
Monday, " 22	Warm, pleasant.	Hot, sultry.
Tuesday, " 23	Calm, sultry.	Hot, sultry; lightning and thunder at 2 P.M.
Wednesday, " 24	Warm, pleasant.	Mild, overcast.
Thursday, " 25	Mild, overcast.	Mild, overcast.
Friday, " 26	Calm, foggy.	Calm, cloudy.
Saturday, " 27	Calm, foggy.	Calm, raining.

DANIEL DRAPER, Ph. D., Director.

# DEPARTMENT OF STREET CLEANING.

AN ABSTRACT OF THE TRANSACTIONS OF THE DEPARTMENT OF STREET CLEANING OF THE CITY OF NEW YORK FOR THE WEEK ENDING MAY 5, 1900 (SECTION 1546, GREATER NEW YORK CHARTER).

## BOROUGH OF MANHATTAN AND THE BROOK.

### Removal of Incumbrances.

(Section 1545, Greater New York Charter.)

Unredeemed incumbrances on hand April 28, 1900 95  
Incumbrances seized during the week 24

Incumbrances redeemed and released 122

Unredeemed incumbrances on hand 95

### Moneys

transmitted to City Chamberlain, as follows:  
For trimming across for week ending May 7, 1900 \$1,750.00  
For picking privilege at Eighteenth street Yard, for week ending April 21, 1900 155.00

### Bills and Pay-rolls.

transmitted to Comptroller, as follows:

Schedule No. 60, Sundries—	
Bartley, William S.	554.00
Brooklyn Wharf and Warehouse Company	93.00
Central Union Gas Company	54.94
Clary, William	308.00
Conroy & Nolan	231.12
Cooke, A. J.	18.99
Consolidated Gas Company	441.90
Conway, Charles	69.60
Department of Correction, boroughs of Brooklyn and Queens	2,262.36
DeBois Sims, Henry	5.00
Fishay, Stephen	145.00
For & Engel	661.67
Froment & Co.	220.19
Initial Towel Supply Company	28.50
Johnson, A.	140.00
Johnson, John	212.88
Joyce, Mathew	110.00
Leman, Thomas	12,454.51
"	3,995.86
L'Hommedieu, S.	90.00
McGirr, E. F.	59.50
McNamara, John J.	422.25
Mackey, Charles	217.00
Marsh, Eben J.	415.70
Mead, J. Warren	27.00
Moran Towing Company	775.00
Naughton, B.	259.00
New Amsterdam Gas Company	91.00
Newtown Creek Towing Company	18.00
O'Neill, H.	45.00
Propeller "Empire"	8.00
Propeller "Goldenrod"	4.50
Propeller "Hewitt Boice"	19.00
Russell, Charles W.	9.00
Schuldwachter, Charles C.	560.45
The New York Mutual Gaslight Company	4.55
Trainer, M. J.	240.00
Van Ness Company, J. Newton	4.50
Watson, Thomas	375.00

\$25,119.88

### Schedule No. 70—

J. H. Timmerman (City Paymaster), wages of Sweepers, etc., for week ending May 5, 1900 \$32,588.13

### Schedule No. 71—

J. H. Timmerman (City Paymaster), wages of Drivers, etc., for week ending May 5, 1900 \$14,530.28

(Account of 1899.)

### Schedule No. 67, Sundries—

Department of Docks and Ferries, repairs to dock at Riker's Island \$1,730.41

Amount of Material from all Dumps and Dumping Places as follows (April 30 to May 6, inclusive):

	CART-LOADS GARBAGE.	CART-LOADS ASHES.	CART-LOADS REFUSE AND OTHER MATERIAL.	CART-LOADS TOTAL.
Department carts	2,771 1/2	28,444 1/2	3,078 1/2	34,294 1/2
Permit carts	109 1/4	8,408 1/4	928	9,515 1/2
Total	2,880 3/4	29,252 1/2	4,006 1/2	36,839 1/2

## FINES IMPOSED FOR VIOLATION OF DEPARTMENT RULES, WEEK ENDING MAY 5, 1900.

### Sweepers.

NAME.	SECTION.	DAYS FORCED.	NAME.	SECTION.	DAYS FORCED.
Michael McGrath	28	1	Nicholas Fogarty	12	2
Patrick Murphy	20	2	Vincenzo Guila	20	1
John F. Arnold	32	3	Joseph Kelly	13	1
Peter Gilmartin	25	1	Edward McCormack	20	2
John Harneghan	20	2	Michael Donoghue	31	1
Marion Wotim	24	1	Luigi Maiba	23	2
Martin Murphy	23	2			

### Drivers.

NAME.	STABLE.	DAYS FORCED.	NAME.	STABLE.	DAYS FORCED.
Fred. Lohman	A	1	Timothy Dineen	E	2
Henry Nimbach	A	1	Chris Fleckenstein	D	2
S. McGuire (Hostler)	A	1	John T. Tyeen	A	1
Philip Rogers	B	1	Michael L. Dunne	K	2
Joseph Filippo	G	2	Thomas J. Rogers	A	2
Michael Ferily	G	1	Michael De Mariani	G	1



*Reinstatement.*  
Robert Burr, Section Foreman.  
William McCarthy, Section Foreman.

*Title Changed.*  
Lawrence J. Mulry, Driver to Assistant to Section Foreman.  
Charles Cunningham, Sweeper to Assistant to Section Foreman.

## BOROUGH OF BROOKLYN.

## Money.

transmitted to City Chamberlain, as follows:

For picking at dumps for week ending April 21, 1900..... \$114 00  
For proceeds for redemption of incumbrances for week ending April 21, 1900.. 41 50

## Pay-rolls and Bills.

transmitted to Comptroller, as follows:

Schedule No. 80, Sundries—  
Mallie, John F., 10 per cent. reduction on previous bills..... \$3,360 02

## Schedule No. 85—

J. H. Timmerman (City Paymaster), wages of Sweepers, etc., for week ending May 3, 1900..... \$11,806 44

## Schedule No. 86—

J. H. Timmerman (City Paymaster), wages of Hired Carts for week ending May 3, 1900..... \$1,148 89

## Schedule No. 87—

J. H. Timmerman (City Paymaster), wages of Drivers for week ending May 3, 1900..... \$2,886 33

## (Account of 1899.)

## Schedule No. 205, Sundries—

Carter, W. H..... \$189 00  
Cornell, S. W..... 191 38  
"..... 693 75  
"..... 913 70  
"..... 823 20  
"..... 393 31  
Flagler, A..... 18 00  
Flatbush Gas Company..... 44  
The New York and New Jersey Telephone Company..... 391 79  
\$3,614 57

## Schedule No. 206, Sundries—

Brewington, Allen C..... \$61 00  
Fiske, J. W..... 582 75  
Harter, Joseph..... 258 68  
Kuck, Albert C..... 207 62  
"..... 362 00  
"..... 447 30  
"..... 13 83  
Kieselbach, A. L..... 181 85  
Patterson, Harriet & Gray..... 590 00  
Stevenson & Marsters..... 73 10  
Wilson, A. T..... 85 30  
\$3,485 43

## Schedule No. 209, Sundries—

Cassidy, John..... \$499 55  
Breen, John F..... 317 75  
Kelly, John..... 152 30  
Meall, J. Warren, Agent and Warden..... 108 00  
Weidman, George..... 3 66  
\$1,081 26

## Amounts of Material Collected, as follows (April 30 to May 6, inclusive):

Ashes..... Cart-loads, 9,506  
Sweepings..... 3,201  
Permit ashes..... 79

## BOROUGH OF RICHMOND.

## Pay-rolls

transmitted to Comptroller, as follows:

Schedule No. 12—  
J. H. Timmerman (City Paymaster), wages of Hired Carts and Laborers for month of April, 1900..... \$1,806 00

## Schedule No. 15—

J. H. Timmerman (City Paymaster), wages of Assistant to Section Foreman for week ending April 26, 1900..... \$17 26

## BOROUGH OF QUEENS.

## Pay-roll

transmitted to Comptroller, as follows:

Schedule No. 32—  
J. H. Timmerman (City Paymaster), wages of Sweepers acting as Assistants to Section Foremen, for week ending May 3, 1900..... \$224 38

P. E. NAGLE, Commissioner.

## LOCAL BOARD.

## TWENTY-FIRST DISTRICT, BOROUGH OF THE BRONX.

## MINUTES.

Pursuant to call by President Haffen, the members of the Local Board, Twenty-first District, met at 2 P. M., May 24, 1900, at the office of the President of the Borough of The Bronx.  
Present—President Haffen, Councilman Murray, Alderman Geiger and Alderman McGrath.  
Minutes of previous meeting read and adopted.

## HEARINGS.

*West Farms Road, Regulating, Grading and Paving with Granite, between Westchester Avenue and Tremont Avenue.*

On motion of Alderman Geiger the following was adopted:

Whereas, the Commissioner of Highways, under date of May 15, 1900, reported to the Board of Public Improvements in favor of the substitution of granite-block pavement instead of telford macadam for West Farms road, from Westchester avenue to Tremont avenue,

Resolved, That the Local Board, Twenty-first District, hereby recommends to the Board of Public Improvements that West Farms road be regulated and graded, curbstones set and sidewalks flagged a space four feet in width through the center thereof, crosswalks laid and fences erected where necessary, trees planted on the sidewalks and the roadway be paved with granite-block pavement, from Westchester avenue to Tremont avenue, and that a copy of this resolution be transmitted forthwith to the said Board of Public Improvements.

## Bronx Soldiers' and Sailors' Monument.

On motion of Councilman Murray the following was adopted:

Resolved, That the Local Board, Twenty-first District, hereby recommends to the Board of Public Improvements that a triangular space in the southerly end of Lincoln square (between East One Hundred and Thirty-seventh street, East One Hundred and Thirty-eighth street, Lincoln avenue and Third avenue) be set apart as a site for the proposed Bronx Soldiers' and Sailors' Monument.

*Nelson Avenue, Water-main, between One Hundred and Sixty-sixth and One Hundred and Sixty-seventh Streets.*

On motion of Alderman McGrath it was

Resolved, That on petition of William J. Walter, the Local Board, Twenty-first District, hereby recommends to the Board of Public Improvements that a water-main be laid in Nelson avenue, between East One Hundred and Sixty-sixth and East One Hundred and Sixty-seventh streets.

*Arthur Avenue, Paving, Tremont to Pelham Avenue, and Public Park or Place, Laying out, at East One Hundred and Eighty-third Street, Crescent Avenue and Adams Place.*

The following communication from the Board of Public Improvements was read and ordered placed on file:

Hon. LOUIS F. HAFEN, President, etc.:

DEAR SIR—In accordance with the action taken by this Board at the meeting held on the 16th instant, I inclose herewith, for the consideration of the Local Board, copies of two communications from Mr. William Stonelridge, one requesting that the action of the Local Board in denying petition to locate a public place or park at East One Hundred and Eighty-third street, Crescent avenue and Adams place, be reconsidered; and the other requesting that Arthur avenue be paved from Tremont to Pelham avenue.

Attached to the communication relative to establishing a public place or park at One Hundred and Eighty-third street and Crescent avenue is a diagram, which kindly return to this office.

Respectfully,

JOHN H. MOONEY, Secretary.

Adjournment.

JOSEPH P. HENNESSY, Secretary.

## BOARD OF ASSESSORS.

OFFICE BOARD OF ASSESSORS, No. 320 BROADWAY, NEW YORK, May 24, 1900.

Meeting of the Board of Assessors, held May 14, 1900, at 11 A. M.

Present—Assessors Edward McCue (President), Edward Cahill, and Thomas A. Wilson.

Reading of the minutes dispensed with.  
Awards for damages caused by the change of grade of Brook avenue, from One Hundred and Sixty-fifth street to Wendover avenue, Spring place, from Third avenue to Boston road, Ogden avenue, from Jerome avenue to One Hundred and Sixty-fourth street, and Gerard avenue, from One Hundred and Thirty-eighth street to Jerome avenue, were allowed and the list ordered apportioned and advertised accordingly.

The Secretary was directed to communicate with the Change of Grade Commission and ascertain if any claim had been filed with said Commission in the matter of the regulating and grading of Brook avenue, from One Hundred and Sixty-fifth street to Wendover avenue, affecting property for which claims had been filed before the Board of Assessors.

Adjourned.

W. H. JASPER, Secretary.

## BOARD OF ASSESSORS.

OFFICE BOARD OF ASSESSORS, No. 320 BROADWAY, NEW YORK, May 24, 1900.

Meeting of the Board of Assessors held May 15, 1900, at 11 A. M.

Present—Assessors Edward McCue (President), Edward Cahill, Thomas A. Wilson, John B. Meyenberg and P. M. Haverly.

Minutes of meetings of May 8, 9, and 14, 1900, were read and approved.

The following communications were received and placed on file:

From Department of Sewers, dated May 8, 1900—Transmitting assessment lists for sewers, Borough of The Bronx.

From the Department of Sewers, dated May 11, 1900—Returning assessment lists for sewers, Borough of Queens, corrected.

From the Department of Highways, dated May 11, 1900—Returning assessment list for regulating and grading Cooper street, with profile map, as requested.

From the Corporation Counsel, dated May 11, 1900—Advising the Board in relation to the assessment for regulating and grading Manhattan avenue.

From M. M. Bailey, dated May 15, 1900—Asking for information in relation to assessment for sewer in Tremont avenue, Borough of The Bronx.

The assessment lists, hereinafter named, having been duly advertised and no objections received, were, on motion, declared confirmed, and the lists ordered transmitted to the Comptroller for entry and collection:

## Borough of Manhattan.

Paving One Hundred and Seventy-fifth street, from Amsterdam avenue to Eleventh avenue, with asphalt-block pavement.

Paving One Hundred and Sixty-sixth street, from Edgecombe avenue to Amsterdam avenue, with asphalt-block pavement.

Extension of sewer in Elm street, between Prince and Jersey streets, with receiving-basin on the northeast corner of Prince and Elm streets.

Sewer in Washington street, between Hubert and Lighthouse streets.

## Borough of The Bronx.

Sewer and appurtenances in Tremont avenue, between Webster avenue and a point 95 feet west of Anthony avenue, with branches in Anthony avenue, etc.

Objections were filed by John C. Shaw and C. C. Ferris, attorneys, to the assessment for paving Dyckman street, from Kingsbridge road to the Speedway, and hearing was adjourned until May 22, 1900, at 11 A. M. The Secretary was directed to transmit the objections of John C. Shaw to the Department of Highways for a report as to Inspectors' and Surveyors' fees.

In the matter of the assessment for paving Sixth street, from Lewis street to 500 feet east (so far as the same is within the limits of grants of land under water), objections were filed by W. H. Martin, attorney, and the Secretary was directed to transmit said assessment, with the objections, to the Corporation Counsel for an opinion.

In the matter of the assessment for regulating, etc., in Fulton avenue, Borough of The Bronx, hearing was adjourned until May 22, 1900, at 11 A. M.

C. C. Ferris, attorney, was granted permission to amend the petition for damages to buildings caused by the change of grade of Fulton avenue by including in said petition a claim for every building upon the plot.

Awards for damages caused by the change of grade of Clinton avenue were allowed and the list ordered apportioned and advertised accordingly.

The following resolution was adopted:

Resolved, That one-half the entire cost of the improvement of Flatbush avenue, Borough of Brooklyn, be placed on the line of the improvement in said avenue, and that one-half be placed upon the Town of Flatbush.

Adjourned.

W. H. JASPER, Secretary.

## OFFICIAL DIRECTORY.

**STATEMENT OF THE HOURS DURING**  
which the Public Offices in the City are open for business, and at which the Courts regularly open and adjourn, as well as of the places where such offices are kept and such Courts are held; together with the heads of Departments and Courts:

## EXECUTIVE DEPARTMENT.

*Mayor's Office.*  
No. 6 City Hall, 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.

ROBERT A. VAN WYCK, Mayor.  
ALFRED M. DOWNES, Private Secretary.

## Bureau of Licenses.

9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.  
DAVID J. ROOSE, Chief of Bureau.

Principal Office, Room 1, City Hall, GEORGE W. BROWN, Jr., Deputy Chief in Boroughs of Manhattan and The Bronx.

Branch Office, Room 12, Borough Hall, Brooklyn; WILLIAM H. JESMAN, Deputy Chief in Borough of Brooklyn.

Branch Office, "Richmond Building," New Brighton, S. I.; WILLIAM H. MCCABE, Deputy Chief in Borough of Richmond.

Branch Office, "Hackett Building," Long Island City; PETER FLANAGAN, Deputy Chief in Borough of Queens.

## THE CITY RECORD OFFICE.

*And Bureau of Printing, Stationery and Blank Books.*  
No. 6 City Hall, 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.

WILLIAM A. BUTLER, Supervisor; SOLOM BERENSON, Deputy Supervisor; THOMAS C. COWELL, Deputy Supervisor and Accountant.

## COMMISSIONERS OF THE SINKING FUND.

The Mayor, Chairman; HENRY S. COCHRAN, Comptroller; PATRICK KERNAN, Chamberlain; RANDOLPH GUNNINGHAM, President of the Council; and ROBERT MURN, Chairman, Finance Committee, Board of Aldermen, Members. EDGAR J. LEVY, Secretary.

Office of Secretary, Room No. 12, Stewart Building.

## BOARD OF ESTIMATE AND APPORTIONMENT.

The Mayor, Chairman; THOMAS L. FETTER (President, Department of Taxes and Assessments), Secretary; PATRICK KERNAN, President of the Council, and the Corporation Counsel, Members; CHARLES V. ADER, Clerk.

Office of Clerk, Department of Taxes and Assessments, Room R, Stewart Building, 9 A. M. to 4 P. M.; Saturdays, 12 M.

## BOARD OF ARMYORY COMMISSIONERS.

The Mayor, ROBERT A. VAN WYCK, Chairman; THE PRESIDENT OF THE DEPARTMENT OF TAXES AND ASSESSMENTS, THOMAS L. FETTER, Secretary; THE COMMISSIONER OF PUBLIC BUILDINGS, LIGHTING AND SUPPLIES, HENRY S. KRAAY; Brigadier-General JAMES MCLELLAN and Brigadier-General MCCORMY BRYCE, Commissioners.

Address THOMAS L. FETTER, Secretary, Stewart Building.

Office hours, 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.

## MUNICIPAL ASSEMBLY.

## THE COUNCIL.

RANDOLPH GUNNINGHAM, President of the Council, P. J. SCULLY, City Clerk.  
Clerk's office open from 10 A. M. to 4 P. M. (Saturdays, 10 A. M. to 12 M.)



### BOARD OF ALDERMEN.

THOMAS F. WOODS, President.

MICHAEL F. BLAKE, Clerk.

### BOROUGH PRESIDENTS.

#### Borough of Manhattan.

Office of the President of the Borough of Manhattan, Nos. 15, 17 and 19 City Hall. 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.

JAMES J. CHESMAN, President.

ISA EDGAR RIGGS, Secretary.

#### Borough of The Bronx.

Office of the President of the Borough of The Bronx, corner Third avenue and One Hundred and Seventy-seventh street. 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.

LOUIS F. HAYES, President.

#### Borough of Brooklyn.

President's Office, No. 11 Borough Hall, 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.

EDWARD M. GIBBY, President.

#### Borough of Queens.

FREDERICK BOWLEY, President.

Office, Long Island City. 9 A. M. until 4 P. M.; Saturdays, from 9 A. M. until 12 M.

#### Borough of Richmond.

GEORGE CROWWELL, President.

Office of the President, First National Bank Building, New Brighton. 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.

### COMMISSIONERS OF ACCOUNTS.

Room 114 and 115 Stewart Building, 9 A. M. to 4 P. M.

JOHN C. HARTLEY and EDWARD OWEN, Commissioners.

### PUBLIC ADMINISTRATOR.

No. 110 Nassau street, 9 A. M. to 4 P. M.

WILLIAM M. MOORE, Public Administrator.

### PUBLIC ADMINISTRATOR, KINGS COUNTY.

No. 110 Montague street, Brooklyn, 9 A. M. to 4 P. M., except Saturdays in June, July and August, 9 A. M. to 12 M.

Wm. B. DAVENPORT, Public Administrator.

### PUBLIC ADMINISTRATOR, QUEENS COUNTY.

No. 203 Third street, Long Island City.

CHARLES A. WATLEY, Public Administrator.

### AQUEDUCT COMMISSIONERS.

Room 207 Stewart Building, 5th floor, 9 A. M. to 4 P. M.

JOHN J. RYAN, MAURICE J. POWER, WILLIAM H. TEN ENCK, JOHN P. WINDOLPH and THOMAS MAYOR and COMPTROLLER, Commissioners; HARRY W. WALKER, Secretary; WILLIAM B. HILL, Chief Engineer.

### DEPARTMENT OF FINANCE.

Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.

BIRD S. COLE, Comptroller.

MICHAEL T. DALY, EDGAR J. LARRY, Deputy Comptrollers.

#### Auditing Bureau.

JOHN F. GIBBS, Auditor of Accounts.

F. L. W. SCHAFFER, Auditor of Accounts.

F. J. BERTMAN, Auditor of Accounts.

WILLIAM MCKINNEY, Auditor of Accounts.

DANIEL B. FORD, Auditor of Accounts.

EDWARD K. CLARK, Auditor of Accounts.

WILLIAM H. HUNT, Auditor of Accounts.

JAMES F. LITTON, Auditor of Accounts.

JAMES F. MCKINNEY, Auditor of Accounts.

PHILIP J. McEVY, Auditor of Accounts.

JEREMIAH T. MAHONEY, Auditor of Accounts.

#### Bureau for the Collection of Assessments and Arrears.

EDWARD GILSON, Collector of Assessments and Arrears.

JOHN KELLER, Deputy Collector of Assessments and Arrears, Borough of Manhattan.

JAMES E. STANFORD, Deputy Collector of Assessments and Arrears, Borough of The Bronx.

MICHAEL O'KEEFE, Deputy Collector of Assessments and Arrears, Borough of Brooklyn.

JOHN F. ROGERS, Deputy Collector of Assessments and Arrears, Borough of Queens.

GEORGE BRADY, Deputy Collector of Assessments and Arrears, Borough of Richmond.

#### Bureau for the Collection of Taxes.

HARRY E. ADAMS, Receiver of Taxes.

JOHN J. McDONOUGH, Deputy Receiver of Taxes, Borough of Manhattan.

JOHN S. UNTERKILN, Deputy Receiver of Taxes, Borough of The Bronx.

JAMES E. BOYCE, Deputy Receiver of Taxes, Borough of Brooklyn.

FREDERICK W. BLACKWELL, Deputy Receiver of Taxes, Borough of Queens.

MATTHEW S. TOLLY, Deputy Receiver of Taxes, Borough of Richmond.

#### Bureau for the Collection of City Revenues and of Markets.

DAVID O'BRIEN, Collector of City Revenues and Superintendent of Markets.

ALEXANDER MARSH, Clerk of Markets.

#### Bureau of the City Chamberlain.

PATRICK KIRKMAN, City Chamberlain.

JOHN H. CAMPBELL, Deputy Chamberlain.

#### Office of the City Paymaster.

No. 85 Chambers street and No. 65 Reade street.

JOHN H. TUCKERMAN, City Paymaster.

### BOARD OF PUBLIC IMPROVEMENTS.

No. 15 to 17 Park Row, 15th floor, 9 A. M. to 4 P. M.

Saturdays, 9 A. M. to 12 M.

MATTHEW F. HOLAHAN, President.

JOHN H. MOORE, Secretary.

#### Department of Highways.

No. 15 to 17 Park Row, 9 A. M. to 4 P. M.

JAMES P. KRATZ, Commissioner of Highways.

WILLIAM N. SHANNON, Deputy for Manhattan.

THOMAS R. FARRIS, Deputy for Brooklyn.

JAMES H. MALONEY, Deputy for Queens.

HENRY P. MCKINNEY, Deputy and Chief Engineer for Richmond. Office, "Richmond Building," corner Richmond Terrace and York avenue, New Brighton, S. I.

#### Department of Sewers.

No. 15 to 17 Park Row, 9 A. M. to 4 P. M.

JAMES KANE, Commissioner of Sewers.

MATTHEW F. DONOHUE, Deputy for Manhattan.

THOMAS J. JONES, Deputy for Bronx.

Office, Third avenue and One Hundred and Seventy-seventh street.

WILLIAM BROWN, Deputy for Brooklyn. Office, Municipal Building, Room 22.

### MATTHEW J. GOLDMAN, Deputy Commissioner of Sewers, Borough of Queens. Office, Backett Building, Long Island City.

HENRY P. MCKINNEY, Deputy Commissioner and Chief Engineer of Sewers, Borough of Richmond. Office, "Richmond Building," corner Richmond Terrace and York avenue, New Brighton, S. I.

#### Department of Bridges.

No. 15 to 17 Park Row, 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.

JOHN L. SHAW, Commissioner.

THOMAS H. YORK, Deputy.

SAMUEL R. PROSSER, Chief Engineer.

MATTHEW H. MOORE, Deputy for Bronx.

HARRY BEAM, Deputy for Brooklyn.

JOHN K. HACKETT, Deputy for Queens.

#### Department of Water Supply.

No. 15 to 17 Park Row. Office hours, 9 A. M. to 4 P. M.

WILLIAM DALTON, Commissioner of Water Supply.

JAMES H. HALL, Deputy Commissioner, Borough of Manhattan.

GEORGE W. BIRDALE, Chief Engineer.

W. G. BYRNE, Water Registrar.

JAMES MOFFETT, Deputy Commissioner, Borough of Brooklyn, Municipal Building, Brooklyn.

LAWRENCE GRUBER, Deputy Commissioner, Borough of Queens, Long Island City.

THOMAS J. MULLIGAN, Deputy Commissioner, Borough of The Bronx, Crotona Park Building.

HENRY P. MCKINNEY, Deputy Commissioner, Borough of Richmond. Office, "Richmond Building," corner Richmond Terrace and York avenue, New Brighton, S. I.

#### Department of Street Cleaning.

No. 15 to 17 Park Row, 9 A. M. to 4 P. M.

FREDERICK E. NAGLE, Commissioner.

F. M. GIBSON, Deputy Commissioner for Borough of Manhattan.

PATRICK H. QUINN, Deputy Commissioner for Borough of Brooklyn, Room 37 Municipal Building.

JOSEPH LEECH, Deputy Commissioner for Borough of The Bronx, No. 85 East One Hundred and Fifty-second street.

JAMES P. O'BRIEN, Deputy Commissioner for Borough of Queens, No. 45 Jackson avenue, Long Island City.

Department of Buildings, Lighting and Supplies.

No. 15 to 17 Park Row, 9 A. M. to 4 P. M.

HENRY S. KAHNEY, Commissioner of Public Buildings, Lighting and Supplies.

PATRICK J. DOOLIN, Deputy Commissioner for Manhattan.

GEO. H. BERT, Deputy Commissioner for The Bronx.

JAMES J. KIRWAN, Deputy Commissioner for Brooklyn.

JOHN FOWLER, Deputy Commissioner for Queens.

EDWARD I. MILLER, Deputy Commissioner for Richmond.

### LAW DEPARTMENT.

#### Office of Corporation Counsel.

State-Zeitling Building, 3d and 4th floors, 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.

JOHN WHALEN, Corporation Counsel.

THOMAS CONNOLLY, W. W. LAIRD, JR., CHARLES BRADY, GEORGE HILL, Assistants.

WILLIAM J. CARE, Assistant Corporation Counsel for Brooklyn.

#### Bureau for Collection of Arrears of Personal Taxes.

Stewart Building, Broadway and Chambers street, 9 A. M. to 4 P. M.

JAMES C. SPENCER, Assistant Corporation Counsel.

#### Bureau for the Recovery of Penalties.

No. 110 and 121 Nassau street.

ADRIAN T. KIRKMAN, Assistant Corporation Counsel.

#### Bureau of Street Opening.

No. 90 and 92 West Broadway.

JOHN P. DUNN, Assistant to Corporation Counsel.

### POLICE DEPARTMENT.

#### Central Office.

No. 300 Mulberry street, 9 A. M. to 4 P. M.

BENJAMIN J. YORK, President of the Board; JOHN S. SEXTON, JACOB HARR, HENRY K. ASHLEY, Commissioners.

#### Bureau of Elections.

9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.

General Bureau of Elections, Borough of Manhattan—No. 300 Mulberry street. T. F. ROSSIGNOL, Superintendent; WILLIAM FLEMING, Chief Clerk.

Branch Bureau, Borough of Brooklyn—No. 10 Smith street. GEORGE RUSSELL, Chief; JOHN K. NEAL, Chief Clerk.

Branch Bureau, Borough of The Bronx—One Hundred and Thirty-eighth street and Mott avenue. COLUMBUS A. BROWN, Jr., Chief.

Branch Bureau, Borough of Queens—Police Station, Astoria. JAMES R. ROSSIGNOL, Chief.

Branch Bureau, Borough of Richmond—States Island Savings Bank Building, Stapleton, S. I. CHARLES A. JONES, Chief.

### DEPARTMENT OF PUBLIC CHARITIES.

#### Central Office.

Foot of East Twenty-ninth street, 9 A. M. to 4 P. M.

JOHN W. KELLER, President of the Board; Commissioners for Manhattan and Bronx.

THOMAS S. BRANNAN, Deputy Commissioner.

ADOLPH BORN, Jr., Commissioner for Brooklyn and Queens, Nos. 125 and 128 Livingston street, Brooklyn.

EDWARD GILSON, Deputy Commissioner.

JAMES FERRY, Commissioner for Richmond.

Plans and Specifications, Contracts, Proposals and Estimates for Work and Materials for Building, Repairs and Supplies, Bills and Accounts, 9 A. M. to 4 P. M., Saturdays, 12 M.

Out-door Poor Department. Office hours, 8:30 A. M. to 4:30 P. M.

Department for Care of Destitute Children, No. 66 Third avenue, 8:30 A. M. to 4:30 P. M.

### DEPARTMENT OF CORRECTION.

#### Central Office.

No. 125 East Twentieth street. Office hours from 9 A. M. to 4 P. M.; Saturdays, 12 M.

FRANCIS J. LARRY, Commissioner.

N. O. FANNING, Deputy Commissioner.

JOHN MCKINNEY GRAY, Deputy Commissioner for Boroughs of Brooklyn and Queens.

### FIRE DEPARTMENT.

Office hours for all except where otherwise noted, from 9 A. M. to 4 P. M.; Saturdays, 12 M.

#### Headquarters.

No. 157 and 159 East Fifty-seventh street.

JOHN J. KILPATRICK, Fire Commissioner.

JAMES H. TOLLY, Deputy Commissioner, Boroughs of Brooklyn and Queens.

AGUSTIN T. DOUGHERTY, Secretary.

EDWARD F. COCKER, Chief of Department, and in Charge of Fire-Alarm Telegraph.

JAMES DALE, Deputy Chief, in Charge of Boroughs of Brooklyn and Queens.

GEORGE E. MURRAY, Inspector of Combustibles.

PETER SERRY, Fire Marshal, Boroughs of Manhattan, The Bronx and Richmond.

ALONZO RYMER, Fire Marshal, Boroughs of Brooklyn and Queens.

### Central Office open at all hours.

Committee to examine persons who handle explosives meets Thursday of each week, at 2 o'clock P. M.

### DEPARTMENT OF DOCKS AND FERRIES.

Per "A," N. R., Battery place.

J. SHERIDAN CRAM, President; CHARLES F. MURPHY, Treasurer; PETER F. MEYER, Commissioners.

WILLIAM H. BOWEN, Secretary.

Office hours, 9 A. M. to 4 P. M.; Saturdays, 12 M.

### DEPARTMENT OF HEALTH.

Southwest corner of Fifty-fifth street and Sixth avenue, 9 A. M. to 4 P. M.

Burial Permit and Contagious Disease Offices always open.

MICHAEL C. MURPHY, President, and WILLIAM T. JENNINGS, M. D., JOHN H. COSEY, M. D., THE PRESIDENT OF THE POLICE BOARD, ex-officio, and the HEALTH OFFICER OF THE PORT, ex-officio, Commissioners.

CHARLES F. ROBERTS, M. D., Sanitary Superintendent.

FREDERICK H. DILLON, M. D., Assistant Sanitary Superintendent, Borough of Manhattan.

KUENEN MCANAM, M. D., Assistant Sanitary Superintendent, Borough of The Bronx.

ROBERT A. BLACK, M. D., Assistant Sanitary Superintendent, Borough of Brooklyn.

OSCAR L. LUCK, M. D., Assistant Sanitary Superintendent, Borough of Queens.

JOHN L. FERRY, M. D., Assistant Sanitary Superintendent, Borough of Richmond.

### DEPARTMENT OF PARKS.

GEORGE C. CLAVERIE, President, Park Board, Commissioner in Manhattan and Richmond.

WILLIS HULLY, Secretary, Park Board.

Offices, Arsenal, Central Park.

GEORGE V. BROWN, Commissioner in Brooklyn and Queens.

Offices, City Hall, Brooklyn, and Lincoln Memorial, Prospect Park.

AUGUST MOERIS, Commissioner in Borough of The Bronx.

Offices, Zhrowski Mansion, Claremont Park.

Office hours, 9 A. M. to 4 P. M.; Saturdays, 12 M.

#### And Commissioners.

SAMUEL P. AVERY, DANIEL C. FARMER, Commissioners.

### DEPARTMENT OF BUILDINGS.

Main Office, No. 200 Fourth avenue, Borough of Manhattan. Office hours, 9 A. M. to 4 P. M.; Saturday 9 A. M. to 12 M.

THOMAS J. BRADY, President of the Board of Buildings and Commissioners for the Boroughs of Manhattan and The Bronx.

JOHN GUILLOTTE, Commissioner for the Borough of Brooklyn.

DANIEL CAMPBELL, Commissioner for the Boroughs of Queens and Richmond.

A. J. JOHNSON, Secretary.

Office of the Department for the Boroughs of Manhattan and The Bronx, No. 200 Fourth avenue, Borough of Manhattan.

Office of the Department for the Borough of Brooklyn, Borough Hall, Borough of Brooklyn.

Office of the Department for the Boroughs of Queens and Richmond, Richmond Hall, New Brighton, Staten Island, Borough of Richmond. Branch office, Room 1, second floor, Town Hall, Jamaica, Long Island, Borough of Queens.

### DEPARTMENT OF TAXES AND ASSESSMENTS.

Stewart Building, 9 A. M. to 4 P. M.; Saturdays, 12 M.

THOMAS L. FERRIS, President of the Board; EDWARD C. SHERIDAN, ALFRED C. SALAMON, THOMAS J. PATTERSON, FREDERICK LEVY, Commissioners; HENRY BERLINER, Chief Clerk.

### BUREAU OF MUNICIPAL STATISTICS.

No. 15 to 17 Park Row, Room 1012. Office hours from 9 A. M. to 4 P. M.; Saturdays, from 9 A. M. to 12 M.

JOHN T. NAGLE, M. D., Chief of Bureau.

Municipal Statistical Commission: FREDERICK W. GIBBS, LL. D., ANTONIO RASNER, RICHARD T. WILSON, JR., EDWARD HARVEY, J. EDWARD JETTER, THOMAS GILMAN.

### MUNICIPAL CIVIL SERVICE COMMISSION.

Criminal Court Building, Centre street, between Franklin and White streets, 9 A. M. to 4 P. M.



**Borough of Richmond.**  
No. 54 New York Avenue, Roseland.  
Open for the transaction of business all hours of the day and night.  
JOSEPH SEAY, GEORGE C. TRAMER.

### CHANGE OF GRADE DAMAGE COMMISSION, TWENTY-THIRD AND TWENTY-FOURTH WARDS.

Room 38, Schermerhorn Building, No. 96 Broadway, Meetings, Mondays, Wednesdays and Fridays, at 3 P. M.  
WILLIAM E. STILLERSON, Chairman; CHARLES A. JACKSON, OSCAR S. BAILEY, Commissioners.  
LAMONT MCGOUGH, Clerk.

### SURROGATE COURT.

New County Court-house. Court open from 9 A. M. to 4 P. M., except Saturdays, when it closes at 12 M.  
FRANK T. FITZGERALD, ALGER C. THOMAS, Surrogates; WILLIAM V. LEAHY, Chief Clerk.

### CITY MAGISTRATE'S COURTS.

Courts open from 9 A. M. until 4 P. M.  
**City Magistrate**—HENRY A. BRADY, ROBERT C. CONNELL, LEON B. CRANE, JOSEPH M. DUKEL, CHARLES A. FLANNERY, LORENZ ZILLER, CLARENCE W. MEADE, JOHN O. MOTT, JOSEPH POOL, JOHN B. MAYO, EDWARD MORAN, WILLIAM H. OLAMSTAD.  
**PHILIP BLOCH, Secretary.**  
First District—Criminal Court Building.  
Second District—Jefferson Market.  
Third District—No. 69 Essex street.  
Fourth District—Fifty-seventh street, near Lexington Avenue.  
Fifth District—One Hundred and Twenty-first street, south-east corner of Sylvan place.  
Sixth District—One Hundred and Fifty-eighth street and Third Avenue.  
Seventh District—Fifty-fourth street, west of Eighth Avenue.

### Second Division.

#### Borough of Brooklyn.

First District—No. 128 Adams street. JACOB BRENNER, Magistrate.  
Second District—Court and Butler streets. HENRY BEITOW, Magistrate.  
Third District—Myrtle and Vanderbilt avenues. CHARLES E. TALLEY, Magistrate.  
Fourth District—Nos. 5 and 7 Lee Avenue. WILLIAM KAMMER, Magistrate.  
Fifth District—Ewen and Powers streets. ANDREW LARSON, Magistrate.  
Sixth District—Oates and Reid streets. LEWIS R. WOOTEN, Magistrate.  
Seventh District—No. 21 Grant street, Flatbush. ALFRED E. STEWART, Magistrate.  
Eighth District—County Island—ALBERT VAN BUREN VOORHIES, Jr., Magistrate.

### Borough of Queens.

First District—Nos. 21 and 23 Jackson Avenue, Long Island City. MATTHEW J. SMITH, Magistrate.  
Second District—Flushing, Long Island. LUIS J. CONNOR, Magistrate.  
Third District—Far Rockaway, Long Island. EDMUND J. HEALY, Magistrate.

### Borough of Richmond.

First District—New Brighton, Staten Island. JOHN CHORAK, Magistrate.  
Second District—Stapleton, Staten Island. NATHANIEL MARSH, Magistrate.  
Secretary to the Board, JAMES J. CHAMBERS, Myrtle and Vanderbilt avenues, Borough of Brooklyn.

### KINGS COUNTY SURROGATE'S COURT.

Hall of Records, Brooklyn.  
GEORGE E. ABBOTT, Surrogate.  
MICHAEL F. MCGOLDSICK, Chief Clerk.  
Court opens at 10 A. M. Office hours, 9 A. M. to 4 P. M.

### COUNTY JUDGE AND SURROGATE.

County Office Building, Richmond, S. I.  
STEFANUS D. SHERMAN, County Judge.

### KINGS COUNTY TREASURER.

Court-house, Room 14.  
JOHN W. KIMBALL, Treasurer; THOMAS F. FARRILL, Deputy Treasurer.

### THE COMMISSIONER OF RECORDS, KINGS COUNTY.

Room 2, Hall of Records. Office hours, 9 A. M. to 4 P. M.  
GEORGE E. WALDO, Commissioner.  
FRANK M. THORNTON, Deputy Commissioner.  
THOMAS D. MOSCOW, Superintendent.  
JOSEPH H. GREENGLASS, Secretary.

### EXAMINING BOARD OF PLUMBERS.

Rooms 14, 15 and 16 No. 125 to 127 Church street.  
President, JOHN KIRKMAN; Secretary, JAMES B. MCGOVERN; Treasurer, EDWARD HALEY; HORACE LEONARD, P. J. ANDREWS, ex-officio.  
Office open during business hours every day in the year, except legal holidays. Examinations are held on Monday, Wednesday and Friday after 2 P. M.

### SUPREME COURT.

County Court-house, 1230 A. M. to 4 P. M.  
Special Term, Part I, Room No. 16.  
Clerk's Office, Part I, Room No. 15.  
Special Term, Part II, Room No. 13.  
Clerk's Office, Part II, Room No. 12.  
Special Term, Part III, Room No. 18.  
Clerk's Office, Part III, Room No. 19.  
Special Term, Part IV, Room No. 20.  
Special Term, Part V, Room No. 21.  
Special Term, Part VI, Room No. 22.  
Special Term, Part VII, Room No. 23.  
Trial Term, Part I, Room No. 24.  
Clerk's Office, Room No. 25.  
Trial Term, Part II, Room No. 26.  
Trial Term, Part III, Room No. 27.  
Trial Term, Part IV, Room No. 28.  
Trial Term, Part V, Room No. 29.  
Trial Term, Part VI, Room No. 30.  
Trial Term, Part VII, Room No. 31.  
Trial Term, Part VIII, Room No. 32.  
Trial Term, Part IX, Room No. 33.  
Trial Term, Part X, Room No. 34.  
Trial Term, Part XI, Room No. 35.  
Trial Term, Part XII, Room No. 36.  
Appellate Term, Room No. 37.  
Clerk's Office, Appellate Term, Room No. 38.  
Naturalization Bureau, Room No. 39.  
Assignment Bureau, Room No. 40.  
JUDGES—GEORGE C. BARRETT, ABRAHAM B. LAWRENCE, CHARLES H. TRIMAN, CHARLES F. MACLEAN, FREDERICK SMITH, JAMES FITZGERALD, MILES BRADY, DAVID LEVITZKY, LEONARD A. GREENBERG, HENRY BENJAMIN, JR., JOHN J. FERRAMAN, GEORGE P. ANDREWS, F. HENRY DUNN, DAVID MCADAM, HENRY R. BERGMAN, HENRY A. GREENGLASS, FRANK M. SCOTT, JAMES A. O'GORMAN, WILLIAM SOMMER, Clerk.

### CRIMINAL DIVISION, SUPREME COURT.

New Criminal Court Building, Centre street. Court opens at 10 A. M. at 10 o'clock A. M.  
EDWARD L. CARROLL, Clerk. Hours from 10 A. M. to 4 P. M.

### APPELLATE DIVISION, SUPREME COURT.

Court-house, Madison Avenue, corner Twenty-fifth street. Court opens at 2 P. M.  
CHARLES H. VAN BUREN, Presiding Justice; CHARLES R. MCGOUGH, EDWARD PATTERSON, MORGAN J.

O'DWYER, GEORGE L. INGRAM, WILLIAM RUCKEY, EDWARD W. HAYES, JUSTICE. ALFRED WAGSTAFF, Clerk; WILLIAM LANE, Jr., Deputy Clerk.

### COUNTY COURT, KINGS COUNTY.

County Court-house, Brooklyn, Rooms 10, 11, 12 and 13. Court opens at 9 A. M., daily, and also small business is completed, Part I, Room No. 10, Part II, Room No. 11, Court-house. Clerk's Office, Rooms 12 and 13, open daily from 9 A. M. to 4 P. M.; Saturdays, 12 M. to 2 P. M.  
JOSEPH ANTHALL AND WM. E. HUGH, Jr., County Judges.  
CHARLES V. VAN DOREN, Chief Clerk.

### QUEENS COUNTY COURT.

County Court-house, Long Island City.  
County Court opens at 9:30 A. M.; adjourns at 5 P. M. County Judge's office always open at Flushing, N. Y. MARRISON S. MOORE, County Judge.

### CITY COURT OF THE CITY OF NEW YORK.

No. 32 Chambers street, Brown-stone Building, City Hall Park, from 10 A. M. to 4 P. M.  
General Term.  
Trial Term, Part I.  
Part II.  
Part III.  
Part IV.  
Special Term Chambers will be held at 10 A. M. to 4 P. M.  
Clerk's Office, from 9 A. M. to 4 P. M.  
JAMES M. FITZGERALD, Chief Justice; JOHN H. MCCARTHY, LEWIS J. CONNELL, JOHN P. SCHUCHMAN, EDWARD E. O'DWYER and THOMAS F. HASCALL, Justices. THOMAS F. SMITH, Clerk.

### COURT OF GENERAL SESSIONS.

Held in the building for Criminal Courts, Centre Elm, White and Franklin streets. Court opens at half-past 10 o'clock.  
RUFUS B. COWING, City Judge; JOHN W. GORR, Recorder; JOSEPH E. NYBURGER, MARTIN T. MCMAHON and WARREN W. FOSTER, Judges of the Court of General Sessions. EDWARD R. CARROLL, Clerk.  
Clerk's office open from 9 A. M. to 4 P. M.

### COURT OF SPECIAL SESSIONS.

Building for Criminal Courts, Centre street, between Franklin and White streets, Borough of Manhattan. Court opens at 10 A. M.  
Justices, First Division—ELMER E. HINDSALL, WILLIAM FRANKLIN JONES, EDWARD A. JACOB, JOHN B. MCKEAN, WILLIAM C. ROBERTSON, WILLIAM M. FULMER, Clerk; JOSEPH H. JONES, Deputy Clerk.  
Clerk's office open from 9 A. M. to 4 P. M.  
Second Division—Trial days—Borough Hall, Brooklyn, Mondays, Wednesdays and Fridays, at 10 o'clock; Town Hall, Jamaica, Borough of Queens, Tuesdays, at 10 o'clock; Town Hall, New Brighton, Borough of Richmond, Thursdays, at 10 o'clock.  
Justices—JOHN COWTRY, EDWARD J. FORKKE, PATRICK KEADY, JOHN FLEMING, THOMAS W. FITZGERALD, JOSEPH L. KERRIGAN, Clerk; CHARLES F. WOLF, Deputy Clerk.  
Clerk's office, Borough Hall, Borough of Brooklyn, open from 9 A. M. to 4 P. M.

### MUNICIPAL COURTS.

#### Borough of Manhattan.

First District—Third, Fifth and Eighth Wards, and all that part of the First Ward lying west of Broadway and Whitehall street, including Governor's Island, Bedloe's Island, Ellis Island and the Oyster Islands, New Court-house, No. 128 Prince street, corner of Wooster street.  
DANIEL E. FINN, Justice. FRANK L. BACON, Clerk.  
Clerk's office open from 9 A. M. to 4 P. M.

Second District—Second, Fourth, Sixth and Fourteenth Wards, and all that portion of the First Ward lying south and east of Broadway and Whitehall street. Court-room, corner of Grand and Centre streets.  
HARRISON BOLTE, Justice. FRANCIS MANGIN, Clerk.  
Clerk's office open from 9 A. M. to 4 P. M.  
Court opens daily at 10 A. M., and remains open until daily calendar is disposed of and close of the daily business, except on Sundays and legal holidays.

Third District—Ninth and Fifteenth Wards. Court-room, southwest corner Sixth Avenue and West Tenth street. Court open daily (Sundays and legal holidays excepted) from 9 A. M. to 4 P. M.  
WM. F. MOORE, Justice. DANIEL WILLIAMS, Clerk.

Fourth District—Tenth and Seventeenth Wards. Court-room, No. 30 First street, corner Second Avenue. Court opens 9 A. M. daily, and remains open to close of business.  
GEORGE F. ROSEN, Justice. JOHN E. LYNCH, Clerk.

Fifth District—Seventh, Eleventh and Thirteenth Wards. Court-room, No. 124 Clinton street.  
BENJAMIN HOFFMAN, Justice. THOMAS FITZPATRICK, Clerk.

Sixth District—Eighteenth and Twenty-first Wards. Court-room, northwest corner Twenty-third street and Second Avenue. Court opens 9 A. M. daily, and continues open to close of business.  
DANIEL F. MARTIN, Justice. ABRAHAM BARNARD, Clerk.

Seventh District—Nineteenth Ward. Court-room, No. 121 East Fifty-seventh street. Court opens every morning at 9 o'clock (except Sundays and legal holidays), and continues open to close of business.  
HERMAN JOSEPH, Justice. PATRICK McDAVITT, Clerk.

Eighth District—Sixteenth and Twentieth Wards. Court-room, northwest corner of Twenty-third street and Eighth Avenue. Court opens at 10 A. M. and continues open to close of business.  
Clerk's office open from 9 A. M. to 4 P. M. each Court day.

Trial days and Return days, each Court day.  
JOSEPH H. STOKES, Justice. THOMAS COSTIGAN, Clerk.

Ninth District—Twelfth Ward, except that portion thereof which lies west of the centre line of Lenox or Sixth Avenue, and of the Harlem River north of the terminus of Lenox Avenue. Court-room, No. 170 East One Hundred and Twenty-first street, southeast corner of Sylvan place. Court opens every morning at 9 o'clock (except Sundays and legal holidays), and continues open to close of business.  
JOSEPH P. FALLON, Justice. WILLIAM J. KENNEDY, Clerk.  
Clerk's office open daily from 9 A. M. to 4 P. M.

Tenth District—Twenty-second Ward and all that portion of the Twelfth Ward which is bounded on the north by the centre line of One Hundred and Tenth street, on the south by the centre line of Eighty-sixth street, on the east by the centre line of Sixth Avenue, and on the west by the North River. Court-room, No. 314 West Fifty-fourth street. Court opens daily (Sundays and legal holidays excepted) from 9 A. M. to 4 P. M.  
THOMAS E. MURRAY, Justice. HUGH GRANT, Clerk.

Eleventh District—That portion of the Twelfth Ward which lies north of the centre line of West One Hundred and Tenth street and west of the centre line of Lenox or Sixth Avenue, and of the Harlem River north of the terminus of Lenox or Sixth Avenue. Court-room, corner of One Hundred and Twenty-third street and Columbus Avenue. Court opens daily (Sundays and legal holidays excepted) from 9 A. M. to 4 P. M.  
FRANK J. WACZAR, Justice. ALFRED H. DUNAWAY, Clerk.

### Borough of The Bronx.

First District—All that part of the Twenty-fourth Ward which was lately annexed to the City and County of New York by chapter 1034 of the Laws of 1895, comprising all of the late Towns of Westchester and part of the Towns of Wakefield and Williamsburgh, including the Villages of Wakefield and Williamsburgh. Court opens daily (Sundays and legal holidays excepted) from 9 A. M. to 4 P. M. Trial of causes are Tuesday and Friday of each week.  
WILLIAM W. PARFEL, Justice. JOHN N. STEWART, Clerk.

Second District—Twenty-third and Twenty-fourth Wards. Court-room, corner of Third Avenue and One Hundred and Fifty-eighth street. Office hours from 9 A. M. to 4 P. M. Court opens at 10 A. M.  
JOHN M. TIERNEY, Justice. HOWARD SPEAR, Clerk.

### Borough of Brooklyn.

First District—Comprising First, Second, Third, Fourth, Fifth, Sixth, Tenth and Twelfth Wards of the Borough of Brooklyn. Court-house, northwest corner State and Court streets.  
JOHN J. WALSH, Justice. EDWARD MORAN, Clerk.  
Clerk's office open from 9 A. M. to 4 P. M.

Second District—Seventh, Eighth, Ninth, Eleventh, Twelfth, Twenty-first, Twenty-second and Twenty-third Wards. Court-room located at No. 794 Broadway, Brooklyn.  
GERARD B. VAN WART, Justice. WILLIAM H. ALLEN, Clerk.  
Clerk's office open from 9 A. M. to 4 P. M.

Third District—Includes the Thirteenth, Fourteenth, Fifteenth, Sixteenth, Seventeenth, Eighteenth and Nineteenth Wards. Court-house, Nos. 6 and 8 Lee Avenue, Brooklyn.  
WILLIAM J. LYNCH, Justice. JOHN W. CARPENTER, Clerk.

Clerk's office open from 9 A. M. until 4 P. M. Court opens at 10 o'clock.

Fourth District—Twenty-fourth, Twenty-fifth, Twenty-sixth, Twenty-seventh and Twenty-eighth Wards. Court-room, No. 14 Howard Avenue.  
THOMAS H. WILLIAMS, Justice. HERMAN GOULDING, Recorder. Clerk; JAMES P. SIMMONS, Assistant Clerk.  
Clerk's office open from 9 A. M. to 4 P. M.

Fifth District—Twenty-ninth, Thirtieth, Thirty-first and Thirty-second Wards. Court-room on Bath Avenue and Bay Twenty-second street, Bath Beach.  
CORNELIUS FERGUSON, Justice. JEREMIAH J. O'LEARY, Clerk.  
Clerk's office open from 9 A. M. to 4 P. M.

### Borough of Queens.

First District—First Ward (all of Long Island City, formerly composing five Wards). Court-room, Queens County Court-house (located temporarily).  
THOMAS C. KADIAN, Justice. THOMAS F. KENNEDY, Clerk.

Clerk's office open from 9 A. M. to 4 P. M. each week day. Court held each day, except Saturday.

Second District—Second and Third Wards, which includes the territory of the late Towns of Newtown and Flushing. Court-room in Court-house of late Town of Newtown, corner of Broadway and Court street, Elmhurst, New York. P. O. address, Elmhurst, New York.  
WILLIAM RASQUIN, Jr., Justice. HENRY WALTER, Jr., Clerk.  
Clerk's office open from 9 A. M. to 4 P. M.

Third District—JAMES F. McLAUGHLIN, Justice; GEORGE W. DAMON, Clerk.  
Court-house, Town Hall, Jamaica.  
Clerk's office open from 9 A. M. to 4 P. M. Court held on Mondays, Wednesdays and Fridays, at 10 A. M.

### Borough of Richmond.

First District—First and Third Wards (Towns of Castleton and Northfield). Court-room, corner Village Hall, Lafayette Avenue and Second street, New Brighton.  
JOHN J. KENNEY, Justice. FRANCIS F. LEWIS, Clerk.  
Court office open from 9 A. M. to 4 P. M. Court held each day, except Saturday, from 10 A. M.

Second District—Second, Fourth and Fifth Wards (Towns of Middletown, Southfield and Westfield). Court-room, former Edgewater Village Hall, Stapleton.  
GEORGE W. STAKE, Justice. PETER THORMAN, Clerk.  
Court office open from 9 A. M. to 4 P. M. Court held each day from 10 A. M., and continues until close of business.

### CORPORATION NOTICE.

PUBLIC NOTICE IS HEREBY GIVEN TO THE owner or owners of all houses and lots, improved or unimproved lands affected thereby, that the following proposed assessments have been completed and are lodged in the office of the Board of Assessors for examination by all persons interested, viz:—

### BOROUGH OF QUEENS.

List 6543, No. 1. Sewer in High street, between Sixteenth street and Eighteenth street (College Point).  
List 6544, No. 2. Sewer in Taylor street, from Van Alst Avenue to Hopkins Avenue, and in Hopkins Avenue, from Taylor street to Grand Avenue (Long Island City).  
List 6545, No. 3. Sewer in Park place, between Porter Avenue and Woolsey Avenue (Long Island City).  
List 6546, No. 4. Sewer in Twenty-first street, from Eighth Avenue to Fifth Avenue, and through Fifth Avenue to connect with the system constructed by the Drainage Commission of the old Village of Whitehouse.

The limits within which it is proposed to lay the said assessments include all the several houses and lots of ground, vacant lots, pieces and parcels of land situated on—  
No. 1. Both sides of High street, from Sixteenth to Eighteenth street.  
No. 2. Both sides of Taylor street, from Van Alst Avenue to Hopkins Avenue; both sides of Hopkins Avenue, from Grand Avenue to Taylor street, and east side of Hopkins Avenue, from Taylor street to Clark street.  
No. 3. Both sides of Park place, from Porter Avenue to Woolsey Avenue.  
No. 4. Both sides of Twenty-first street, from Eighth Avenue to Fifth Avenue, and both sides of Fifth Avenue from a point distant 125 feet south of Twentieth street to Twenty-first street.

All persons whose interests are affected by the above-named proposed assessments, and who are opposed to the same, or either of them, are requested to present their objections, in writing, to the Secretary of the Board of Assessors, No. 320 Broadway, New York, on or before June 26, 1900, at 11 A. M., at which time and place the said objections will be heard and testimony received in reference thereto.  
EDWARD McCUE,  
EDWARD CAHILL,  
THOMAS A. WILSON,  
PATRICK M. HAVERTY,  
JOHN B. MEYENBERG,  
Board of Assessors.

WILLIAM H. JASPER,  
Secretary,  
No. 320 Broadway,  
CITY OF NEW YORK, BOROUGH OF MANHATTAN,  
May 25, 1900.

PUBLIC NOTICE IS HEREBY GIVEN TO THE owner or owners of all houses and lots, improved or unimproved lands affected thereby, that the following proposed assessments have been completed and are lodged in the office of the Board of Assessors for examination by all persons interested, viz:—

### BOROUGH OF THE BRONX.

List 6547, No. 1. Sewer and appurtenances in Valentine Avenue, from the existing sewer in Burnside Avenue to East One Hundred and Eighty-third street.

List 6548, No. 2. Sewer and appurtenances in East One Hundred and Eighty-first street (Irish place), from the existing sewer in Jerome Avenue to Aqueduct Avenue, East.

List 6549, No. 3. Regulating, grading, curbing, flagging, laying crosswalks and placing fences in St. Joseph's street, from Robbins Avenue to Whitlock Avenue.  
The limits within which it is proposed to lay the said assessments include all the several houses and lots of ground, vacant lots, pieces and parcels of land situated on—

No. 1. Both sides of Valentine Avenue, from Burnside Avenue to One Hundred and Eighty-third street; north side of One Hundred and Eighty-first street and south side of One Hundred and Eighty-second street, from Valentine Avenue to River Avenue.

No. 2. Both sides of One Hundred and Eighty-first street, from Jerome Avenue to Aqueduct Avenue, East; both sides of Davidson Avenue, from a point distant about 275 feet south of One Hundred and Eighty-first street in One Hundred and Eighty-second street; both sides of Grand Avenue, from One Hundred and Eighty-first to One Hundred and Eighty-second street; both sides of Aqueduct Avenue, from One Hundred and Eighty-first street to Clinton place, and both sides of Clinton place, from Davidson Avenue to Aqueduct Avenue, East.

No. 3. Both sides of St. Joseph's street, from Robbins Avenue to Whitlock Avenue, and to the extent of half the block at the intersecting avenues.

All persons whose interests are affected by the above-named proposed assessments, and who are opposed to the same, or either of them, are requested to present their objections, in writing, to the Secretary of the Board of Assessors, No. 320 Broadway, New York, on or before June 26, 1900, at 11 A. M., at which time and place the said objections will be heard and testimony received in reference thereto.

EDWARD McCUE,  
EDWARD CAHILL,  
THOMAS A. WILSON,  
PATRICK M. HAVERTY,  
JOHN B. MEYENBERG,  
Board of Assessors.

WILLIAM H. JASPER,  
Secretary,  
No. 320 Broadway,  
CITY OF NEW YORK, BOROUGH OF MANHATTAN,  
May 25, 1900.

PUBLIC NOTICE IS HEREBY GIVEN TO THE owner or owners of all houses and lots, improved or unimproved lands affected thereby, that the following proposed assessments have been completed and are lodged in the office of the Board of Assessors for examination by all persons interested, viz:—

### BOROUGH OF THE BRONX.

List 5986, No. 1. Regulating, grading, curbing, flagging, laying crosswalks and paving with granite-block pavement Ogden Avenue, from Jerome Avenue to One Hundred and Sixty-fourth street, together with a bid of awards for damages caused by a change of grade.

List 5987, No. 2. Regulating, grading, curbing, flagging and laying crosswalks in Plimpton Avenue, from Orchard street to Roschubel Avenue.

The limits within which it is proposed to lay the said assessments include all the several houses and lots of ground, vacant lots, pieces and parcels of land situated on—

No. 1. Both sides of Ogden Avenue, from Jerome Avenue to One Hundred and Sixty-fourth street, and to the extent of half the block at the intersecting streets.

No. 2. Both sides of Plimpton Avenue, from One Hundred and Sixty-ninth (Orchard) street to Roschubel Avenue, and to the extent of half the block at the intersecting streets.

All persons whose interests are affected by the above-named proposed assessments, and who are opposed to the same, or either of them, are requested to present their objections, in writing, to the Secretary of the Board of Assessors, No. 320 Broadway, New York, on or before June 26, 1900, at 11 A. M., at which time and place the said objections will be heard and testimony received in reference thereto.

EDWARD McCUE,  
EDWARD CAHILL,  
THOMAS A. WILSON,  
PATRICK M. HAVERTY,  
JOHN B. MEYENBERG,  
Board of Assessors.

WILLIAM H. JASPER,  
Secretary,  
No. 320 Broadway,  
CITY OF NEW YORK, BOROUGH OF MANHATTAN,  
May 25, 1900.

### QUARANTINE COMMISSION.

#### NOTICE TO CONTRACTORS.

SEALED PROPOSALS FOR FURNISHING AND spreading to the levels to be given 2,500 cubic yards of filling, 2,500 cubic yards top soil surfacing, and for the furnishing and laying of 25,000 square feet of walks (walks to have concrete foundations and top surface of ground rock (granite) asphalt; alternate proposal for walks with concrete foundation under and top dressing of refined lake asphaltum), at the Upper Quarantine Station, Hoffman's Island, N. Y., may be sent by mail, or delivered in person, up to 12 o'clock M. on

MONDAY, THE 4th DAY OF JUNE, 1900, to Dr. Edmund J. Palmer, President of the Board of Commissioners of Quarantine, No. 21 Broadway, New York City.

Drawings and specifications may be consulted and blank forms of proposal obtained at the office of the Board of Commissioners of Quarantine, No. 21 Broadway, New York City, or at the office of G. L. Heine, State Architect, Capitol, Albany, N. Y.

Contract will be awarded to the lowest responsible and reliable bidder, unless the bids exceed the amount of funds available therefor, in which case the Board of Commissioners reserves the right to reject all bids.

Dated New York, May 17, 1900.  
EDMUND J. PALMER, M. D.  
President, Board of Commissioners of Quarantine.

### BOROUGH OF BROOKLYN.

I HAVE RECEIVED THE FOLLOWING PETITIONS, which are now on file in my office for inspection, and will submit them to the Local Board of the Seventh District on Thursday, June 7, 1900, at 4:30 P. M., in the office of the President of the Borough, Room 12, Borough Hall:

Mesero Street—Reducing the width of the sidewalk and increasing the width of the roadway two inches on each side of Mesero street, between Bushwick Avenue and Union Avenue.

Harry street—Construction of sewer basin at the northwest corner of Berry street and North Fourteenth street.

Nassau Avenue—Construction of sewer basin at the northwest and southeast corners of Nassau Avenue and Nassau Avenue; at the northwest and southeast corners of North Flushing street and Nassau Avenue; at the northwest and southeast corners of Debbin street and Nassau Avenue; at the northwest, southwest and southeast corners of Gurney street and Nassau Avenue.

Morgan Avenue—Flagging sidewalks on the west side of Morgan Avenue, between Driggs Avenue and Nassau Avenue, and on the north side of Driggs Avenue, between Morgan Avenue and Sutton street, in front of Lots 25 to 28, inclusive, 22 to 24, inclusive, and 27 to 28, inclusive, Block 233, Seventeenth Ward Map.



Morgan avenue—Flagging sidewalks on the east side of Morgan avenue, between Driggs and Nassau avenues, in front of Lots 37 to 40, inclusive, and 149, Block 234, Seventeenth Ward Map.

Nassau avenue—Flagging sidewalks on the south side of Nassau avenue, between Nassau street and Morgan avenue, and on the west side of Nassau street, between Nassau and Meeker avenues, in front of Lots 200 to 234, inclusive, and 142 to 147, inclusive, Block 234, Seventeenth Ward Map.

Driggs avenue—Flagging sidewalks on the north side of Driggs avenue, between Morgan and Meeker avenues, in front of Lots 37 to 40, inclusive, Block 234, Seventeenth Ward Map.

Hausman street—Flagging sidewalks on the east side of Hausman street, between Nassau and Meeker avenues, and on the south side of Nassau avenue, between Hausman and Apollo streets, in front of Lots 64, 90 to 99, inclusive, 100 to 104, inclusive, 137, 138, 139 and 141, Block 237, Seventeenth Ward Map.

Nassau avenue—Flagging sidewalk on the north side of Nassau avenue, between Morgan avenue and Hausman street, in front of Lots 82 to 91, inclusive, Block 232, Seventeenth Ward Map.

Nassau avenue—Flagging sidewalk on the north side of Nassau avenue, between Hausman and Apollo streets, in front of Lots 96, 97 and 98, inclusive, Block 102, Seventeenth Ward Map.

Leonard street—Flagging sidewalk on the east side of Leonard street, between McKibbin and Boerum streets, in front of Lots Nos. 14 and 15, Block 49, Sixteenth Ward Map; said flagging to be eight feet six inches in width.

Newell street—Flagging sidewalk on the northeast side of Newell street, between Driggs and Nassau avenues, in front of Lots 29, 31 and 35, Block 290, Seventeenth Ward Map.

Freeman street—Flagging sidewalk on the south side of Freeman street, between Manhattan avenue and Franklin street, known as Lot No. 79, Block 49, Seventeenth Ward Map.

Russell street—Flagging sidewalk on the west side of Russell street, between Nassau avenue and Driggs avenue, known as Lot Nos. 147 to 151, inclusive, Block 224, Seventeenth Ward Map.

EDWARD M. GROUT,

President, Borough of Brooklyn.

## MUNICIPAL CIVIL SERVICE COMMISSION.

MUNICIPAL CIVIL SERVICE COMMISSION  
OF THE CITY OF NEW YORK,  
NEW CHURCH COURT BUILDING,  
COSTER, ELM, FRANKLIN AND WHITE STREETS,  
NEW YORK, MAY 24, 1900.

## AMENDMENTS TO THE RULES AND CLASSIFICATION OF POSITIONS IN THE MUNICIPAL CIVIL SERVICE COMMISSION OF THE CITY OF NEW YORK.

AT A MEETING OF THE STATE CIVIL SERVICE COMMISSION, held April 16, 1900, it was Resolved, That Rule 31 be amended so that the same shall read as follows:

Promotions to all positions included in Schedule G shall be made from the next lower grade for ascertained merit, seniority in service and by competitive examination. The subjects of such examination shall be as follows:

1. Writing a letter in form of a report or communication relative to the duties of an officer.
2. Handwriting.
3. Knowledge of rules and regulations.
4. Fines and penalties law three years.
5. Arrest for last twelve months.
6. Veracity.
7. Habits as to the use of liquor.
8. Ability and energy.
9. Coolness and judgment in emergencies.
10. Deportment toward citizens.
11. Character for maintaining discipline among, and getting good work from subordinates.
12. Physical condition, including activity and endurance.
13. Knowledge of laws and ordinances relating to his duties.
14. General knowledge of localities.
15. United States Infantry tactics and manual of the use of the club, as authorized by the Department.
16. Fidelity and promptness in the performance of duty.
17. Conscious acts of bravery.

In examining firemen for promotion, Nos. 5, 11 and 15 shall be omitted.

In examining officers in the Uniformed Force of the Fire Department for all grades above Assistant Foreman, Nos. 5 and 15 shall be omitted.

The standing of applicants for promotion in reference to subjects 1, 2, 3, 11 and 14 shall be determined by examination. Their standing in reference to subjects 4, 5, 6, 7, 8, 9, 10, 12, 13, 15, 16 and 17 shall be determined by the records of the Department, in which each man's actions and conduct shall be entered, and by such additional satisfactory information as the Municipal Commission or Examining Board may deem necessary and pertinent.

No fireman or policeman shall be eligible for examination for promotion who has not reached the rank of first grade in his respective position, as defined by chapter 378 of the Laws of 1897.

Whenever positions in Schedule C, for which promotion is sought, call for special or technical knowledge not covered by the above requirements, the Examining Board may on such subjects as they deem appropriate and necessary, and such subjects shall conform as far as practicable to those listed in examinations set for similar positions in other schedules.

In any examination for promotion to the grade of Assistant Foreman in the Fire Department, candidates who have served in the position of Engineer or Steward, or who hold a place upon the eligible list for Engineers or Stewards, shall be given special consideration in rating.

At a meeting of the State Civil Service Commission held May 9, 1900, it was

Resolved, That the classification of the Civil Service of the City of New York be amended as follows:

In the Department of Education, Schedule A, Part 1, insert therein:

1. Treasurer.
2. Deputy Treasurer.

Resolved, That Schedule F of the Department of Education be amended by adding thereto:

1. Paymaster.
2. Deputy Paymaster.

At a meeting of the State Civil Service Commission held May 10, 1900, it was

Resolved, That the rules for the Civil Service of the City of New York be amended as follows:

Rule 28. By striking therefrom the fifth and sixth paragraphs and substituting the following in lieu thereof:

"No person whose name is upon an eligible list may waive his right to certification or appointment except for any one of the following reasons, stated in writing to the appointing officer and to the Municipal Commission:

- (1) Resistance in a borough other than that in which the duties of the position offered are to be performed.
- (2) Insufficiency of the salary attaching to the position offered; or
- (3) Temporary inability, physical or otherwise, to accept the position offered, the proof of which shall be accepted by the Municipal Commission. The Commission shall enter upon its minutes the reasons for its action in each such case, and the waiver shall not continue in effect for a longer period than thirty days from the date of certification.

The same of any eligible who shall decline certification or appointment for any reason other than those above specified shall be stricken from the list.

Whenever an eligible certified for appointment shall fail to accept an offer of appointment sent to him by mail at his post-office address within the four business days next succeeding the mailing of such offer of appointment, he shall be deemed to have declined such appointment.

An eligible who has declined an appointment on the ground of the insufficiency of the salary offered shall not thereafter be certified for a position at the same or any less salary. Whenever one or more eligibles shall have declined any appointment offered, and an eligible whose relative standing is lower shall have been appointed to the position, the salary or compensation of such appointee shall not be increased within a period of one year after his appointment, beyond that offered to the person so declining.

"If the appointment shall be made of any person other than one of the three standing highest on the eligible list the appointing officer shall forward to the Commission, with the notice of appointment, copies of all correspondence to and from the persons declining such appointment."

Rule 29. Be amended by striking out the entire rule and substituting the following in lieu thereof:

"Whenever a vacancy shall occur within any grade of any class in Schedules B, C, D, E, F or G, which, in the opinion of the appointing officer, the business of the city requires to be filled, he shall forthwith notify the Secretary of the vacancy and state whether the same is to be filled by appointment or by promotion or by reinstatement, and the title of the position, the duties to be performed, the number of vacancies to be filled, and compensation to be paid. If the position is to be filled in a clerkship, the appointing officer shall state whether it is a minor clerkship, or whether any of the special qualifications denoted by the optional subjects are required, and if so, which.

Appointment shall be made to or employment shall be given in all positions in the competitive and labor classes that are not filled by promotion, reinstatement, transfer or reduction, under the provisions of the Civil Service Law and these rules by appointment from among those standing highest upon the eligible list prepared by the Municipal Commission, except as otherwise provided in the Civil Service Law.

The Secretary shall thereupon, as soon as practicable, certify to the appointing officer for appointment, or for promotion, or for reinstatement, from the eligible list most nearly appropriate to such position as it may then exist, the names of the three persons standing highest on such eligible list, indicating such of them, if any, as are honorably discharged soldiers, sailors or marines of the army or navy of the United States in the last Civil War, citizens and residents of this State. The certificate of the Secretary shall, in all cases, state the relative standing of each of the persons certified.

The appointing officer shall thereupon fill said vacancy or vacancies by the appointment of one or more of the persons so certified. Until an appointment has been made from said certification, no new certification shall be made to fill said vacant position or positions. In all cases the vacancies shall be so filled within fifteen days after the receipt by the appointing officer of the names certified by the Secretary, and the Secretary shall be notified within twenty-four hours by the appointing power of the appointment or promotions so made. No certification shall be in force for a longer period than fifteen days.

When a requisition is made to fill a position for which no eligible list exists, the Secretary shall, after a conference with the Chief Examiner, make certification from the eligible list most nearly appropriate for the group in which the position to be filled is classified, and wherein the qualifications demanded have been determined by examination.

If the appointing officer shall signify that attainment in one or more of the optional subjects is essential, the Secretary shall certify the names of the three persons whose standing on the eligible list for the desired special subject is the highest. The Examining Board may, at any time, hold a competitive examination to fill a vacancy in a position of this kind if, in their judgment, there is no appropriate eligible list from which to fill the vacant position.

No person on an eligible list shall be certified more than three times to the same appointing officer for the same bureau or institution, except at the request of said appointing officer, unless the person so certified is a veteran, in which case his name shall continue to be certified so long as it remains on the eligible list under these rules.

Whenever the appointing officer who shall have made a requisition to fill a certain number of vacancies shall appoint or promote to office a number smaller than that of the vacancies named by him, he shall not make selection from the whole number certified to him, but only from that number of names standing highest upon the list that would have been certified to him had the requisition stated the number of vacancies which he actually filled.

All positions filled by appointment based on optional subjects shall be specifically noted in the published list of appointments in the official register.

If the appointing officer shall certify that a person named in a certification has declined to accept a position offered, the Secretary may certify the name of the person standing next highest upon the eligible list in those already certified.

If a person who is not entitled to certification is certified and appointed, his appointment shall be immediately revoked by the appointing officer upon notification by the Municipal Commission.

Rule 32. Be amended by striking therefrom the first paragraph and substituting in lieu thereof, the following:

"Every original appointment to or employment in any position in the competitive class shall be made for a probationary term of three months, and an appointing or nominating officer in nominating a person certified to him for appointment or employment shall specify the same as for a probationary term only; and if the conduct, capacity and fitness of the probationer are satisfactory to the appointing officer, his retention in the service, after the end of such term, shall be equivalent to his permanent appointment, but if his conduct, capacity or fitness be not satisfactory, he may be discharged at the end of such term, without regard to the provisions of Rule 49 limiting the power of removal.

Whenever two or more persons appointed from the same eligible list are serving as probationers in the same department, and there is necessity for reduction of the force of such department affecting such persons, they shall be preferred for retention in the order of their original standing upon such list."

At a meeting of the State Civil Service Commission, held May 14, 1900, the following resolution was, on motion, approved:

"Resolved, That the Municipal Civil Service Commission consent, in accordance with section 20 of the Civil Service Law of 1897, to the payment of fifty additional pupil courses, whose compensation does not exceed one hundred and eighty dollars per annum, three additional female cooks, whose compensation does not exceed twenty dollars per month, and fifty additional employees whose compensation does not exceed one hundred and fifty dollars per annum in the Department of Public Charities from competitive examination, and that Schedule A, Part 1, of the classification of positions in the Department of Public Charities be amended by changing four hundred pupil nurses of Training School, whose compensation does not exceed one hundred and eighty dollars per annum to four hundred and fifty pupil nurses of Training School, whose compensation does not exceed one hundred and eighty dollars per annum, and by changing fourteen cooks (female), whose compensation does not exceed twenty dollars per month, to seventeen cooks (female), whose compensation does not exceed twenty dollars per month, and by changing eight hundred employees, whose compensation does not exceed one hundred and fifty dollars per annum to eight hundred and fifty employees, whose compensation does not exceed one hundred and fifty dollars per annum, and that the Municipal Civil Service Commission waive any stipulation of reasons therefor, and the filing of any personal explanations or papers in relation thereto."

CLARENCE B. ANGLE,

Secretary.

Attest:  
LEE PHILLIPS,  
Secretary, Municipal Civil Service Commission,  
MAY 25, 1900.

MUNICIPAL CIVIL SERVICE COMMISSION OF THE CITY OF NEW YORK,  
COSTER, ELM, FRANKLIN AND WHITE STREETS,  
NEW YORK, MAY 10, 1900.

PUBLIC NOTICE IS HEREBY GIVEN THAT open competitive examinations will be held at the offices of this Commission for the following positions, upon the dates specified:

Monday, May 29, 9 A. M., PATROLMEN. On this date a medical and physical examination for Patrolmen will begin. In this examination only applicants Nos. 5007 to 5009, inclusive, whose applications were filed on or before September 5, 1899, will be examined.

LEE PHILLIPS,

Secretary.

## DEPARTMENT OF SEWERS.

DEPARTMENT OF SEWERS—COMMISSIONER'S OFFICE,  
Nos. 13 to 31 PARK ROW,  
NEW YORK, MAY 10, 1900.

## TO CONTRACTORS.

BIDS OR ESTIMATES, INCLOSED IN A sealed envelope, with the title of the work and the name of the bidder indorsed thereon, will be received at this office until

WEDNESDAY, JUNE 5, 1900,

at 12 o'clock M., at which hour they will be publicly opened by the head of the Department and read.

For the following work in the

## Borough of Manhattan.

No. 1. SEWERS IN TWO HUNDRED AND FIFTH STREET, between Harlem river and Tenth avenue; in NINTH AVENUE, between Two Hundred and Fourth and Two Hundred and Sixth streets, and in TWO HUNDRED AND FOURTH STREET AND TWO HUNDRED AND SIXTH STREET, between Ninth and Tenth avenues.

No. 2. SEWERS IN TWO HUNDRED AND SEVENTH STREET, between Harlem river and Tenth avenue; in NINTH AVENUE, between Two Hundred and Sixth and Two Hundred and Eighth streets, and in TWO HUNDRED AND EIGHTH STREET, between Ninth and Tenth avenues.

No. 3. SEWERS IN TWO HUNDRED AND NINTH STREET, between Harlem river and Tenth avenue; in TWO HUNDRED AND TENTH STREET, between Ninth and Tenth avenues; in NINTH AVENUE, between Two Hundred and Eighth and Two Hundred and Tenth streets, and in TENTH AVENUE, between Two Hundred and Seventh and Two Hundred and Ninth streets.

## Borough of The Bronx.

No. 4. SEWER AND APPURTENANCES IN SEDGWICK AVENUE, from Fordham road to East One Hundred and Eighty-third street, WITH BRANCH IN EAST ONE HUNDRED AND EIGHTY-THIRD STREET, from Sedgwick avenue to Loring place.

No. 5. SEWER IN BELMONT STREET, from the existing sewer in Jerome avenue to the Grand Boulevard and Concourse.

## Borough of Brooklyn.

No. 6. SEWER IN STERLING PLACE (old Butler street), between Troy and Schenectady avenues.

No. 7. SEWER IN PARK PLACE, between Troy avenue and Schenectady avenues.

Each bid or estimate shall contain and state the name and place of residence of each of the persons making the same, the names of all persons interested with him therein, and if no other person be so interested it shall distinctly state that fact; that it is made without any connection with any other person making an estimate for the same purpose, and is in all respects fair and without collusion or fraud, and that no member of the Municipal Assembly, head of a department, chief of a bureau, deputy thereof, or clerk thereof, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or in the work to which it relates or in any portion of the profits thereof.

Each estimate must be verified by the oath, in writing, of the party making the same, that the several matters therein stated are true, and must be accompanied by the consent, in writing, of two householders or freeholders in The City of New York, to the effect that if the contract is awarded to the person making the estimate they will, upon its being so awarded, become bound as his sureties for its faithful performance, and that if he shall refuse or neglect to execute the same they will pay to the Corporation any difference between the sum to which he would be entitled upon its completion and that which the Corporation may be obliged to pay to the person to whom the contract shall be awarded at any subsequent letting, the amount to be calculated upon the estimated amount of the work by which the bids are tested.

The amount last above-mentioned must be accompanied by the oath or affirmation, in writing, of each of the persons signing the same that he is a householder or freeholder in The City of New York, and is worth the amount of the security required for the completion of the contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety, or otherwise, and that he has offered himself as surety in good faith, with the intention to execute the bond required by law.

No estimate will be considered unless accompanied by either a certified check upon one of the State or National banks of The City of New York, drawn to the order of the Comptroller, or money to the amount of five per centum of the amount of the security required for the faithful performance of the contract. Such check or money must not be inclosed in a sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and retained by The City of New York as liquidated damages for such refusal or refusal; but if he shall accept the contract within the time aforesaid the amount of the deposit will be returned to him.

THE COMMISSIONER OF SEWERS RESERVES THE RIGHT TO REJECT ALL BIDS RECEIVED IF HE DEEMS IT FOR THE BEST INTERESTS OF THE CITY.

Black terms of bids or estimates, the proper envelopes in which to inclose the same, and any further information desired, can be obtained, as to the Borough of Manhattan, at the office of the Commissioner of Sewers, Nos. 13 to 31 Park row, Borough of Manhattan; as to the Borough of The Bronx, at the office of the Deputy Commissioner of Sewers, Third avenue and One Hundred and Seventy-seventh street, Borough of The Bronx, and as to the Borough of Brooklyn, at the office of the Deputy Commissioner of Sewers, Municipal Building, Borough of Brooklyn.

JAS. KANE,

Commissioner of Sewers.

## NORMAL COLLEGE OF THE CITY OF NEW YORK.

SEALED PROPOSALS WILL BE RECEIVED by the Executive Committee for the care, government and management of the Normal College of The City of New York, until 4 o'clock P. M., on

FRIDAY, JUNE 8, 1900,

at the Hall of the Board of Education, Park avenue and Fifty-ninth street, Borough of Manhattan, for supplying the college buildings with six hundred (600) tons, more or less, of Coal, Egg Size, fifteen (15) tons, more or less, of Coal, Stove Size, ten (10) tons, more or less, of Coal, Nut Size, all to be the best Red Ash Coal, two thousand two hundred and forty (2,240) pounds to the ton, to be stored in the bins of the College and Training Department, at the expense of the contractor, and to be delivered in such quantities as may be required as follows:

- 400 tons, Egg Size, to be placed in the bins of Normal College.
- 15 tons, Stove Size, to be placed in the bins of Normal College.
- 100 tons, Egg Size, to be placed in the bins of Training Department.
- 10 tons, Nut Size, to be placed in the bins of Training Department.

The contractor or contractors will be required to present with every bill for deliveries an original bill of lading as partial evidence of the kind and quality of the coal claimed to have been delivered, and with all bills to present an affidavit stating the quantity and quality of coal delivered, and certifying to the correctness of said claim.

All the coal to be delivered in pursuance of this contract is to be weighed at the College, on such scales as may be designated, said scales to be moved by the contractor or contractors, at their expense.

In all cases the weighing is to take place in the presence and under the supervision of Inspectors or Weighers designated by the Executive Committee.

Surety by one of the guarantee companies, for the faithful performance of the contract, will be required.

The Executive Committee reserves the right to reject any or all of the proposals submitted.

A certified check or certificate of deposit must accompany each proposal to the amount of five per cent. of the proposal.

The party submitting a proposal and the parties proposing to become sureties must each write his name and place of residence on said proposal.

Proposals to be addressed "To the Executive Committee for the care, etc., of the Normal College of The City of New York."

Dated MAY 26, 1900.

WALDO H. RICHARDSON,

Chairman.

A. EMMERSON PALMER,

Secretary.

## DEPARTMENT OF HEALTH.

AT A MEETING OF THE BOARD OF HEALTH of the Department of Health, held May 16, 1900, the following amendment in section 194 of the Sanitary Code was adopted:

Resolved, That, under the power conferred by law upon the Board of Health of the Department of Health, the following additional amendment to the Sanitary Code for the security of life and health be and the same is hereby adopted and declared to form a portion of the Sanitary Code:

Sec. 194. Splitting upon the floors of public buildings and of railroad cars and of ferry-boats, and upon any station, platform or stairs of elevated railroads, is hereby forbidden, and officers in charge of control of all such buildings, cars, platforms, stairs and boats, shall keep posted permanently in each public building and each railroad car and on each station platform of elevated railroads, and in each ferry-boat, a sufficient number of notices in building splitting upon the floor; and jetties of buildings, conduits of cars and employees upon ferry-boats and station platforms shall call the attention of all violators of this ordinance to such notices.

And it shall be the duty of all persons or corporations manufacturing cigars or conducting the business of printing, where ten or more persons are employed on the premises, in The City of New York, to provide, and they are hereby required to provide, proper receptacles for spitting, in proportion of one to every two persons employed by them, and that said receptacles be disinfected and cleaned at least once during each working-day. That a copy of the second paragraph of this section be kept posted permanently in a conspicuous place in all cigar manufactories and in printing offices where ten or more persons are employed.

MICHAEL C. MURPHY,

President.

C. GILBERMAN,

Secretary pro tem.

## FIRE DEPARTMENT.

HEADQUARTERS FIRE DEPARTMENT,  
NEW YORK, MAY 18, 1900.

SEALED BIDS OR PROPOSALS FOR FURNISHING this Department with the Fire Hose below specified will be received by the Fire Commissioner, at the office of the Fire Department, Nos. 157 and 159 East Fifty-seventh street, Borough of Manhattan, in The City of New York, until 12 o'clock A. M.,

TUESDAY, MAY 30, 1900,

at which time and place they will be publicly opened by the head of said Department and read.

Borough of Manhattan and The Bronx.

1. Fifteen Thousand (15,000) feet Rubber and Duck Woven 3½-inch Fire Hose, "White Star" Brand, or equal thereto.

The amount of security required is Nine Thousand (9,000) Dollars.

2. Ten Thousand (10,000) feet Rubber and Duck Woven 3½-inch Fire Hose, "Crescent" Brand, or equal thereto.

The amount of security required is Six Thousand (6,000) Dollars.

The time for delivery is sixty days in each case.

Separate bids must be made for each kind of hose.

No estimate will be considered unless accompanied by either a certified check upon one of the banks of The City of New York, drawn to the order of the Comptroller, or money to the amount of five per centum of the security required. Such check or money must not be inclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct.

The damages to be paid by the contractor for each day that the contract may be unfulfilled after the time specified for the completion thereof shall have expired, are fixed and liquidated at Ten (10) Dollars.

No estimate will be received or considered after the hour named.

The form of the agreement, with specifications, showing the manner of payment for the hose, may be seen and terms of bids or proposals may be obtained at the office of the Department.

The Fire Commissioner reserves the right to decline any and all bids or estimates if deemed to be for the public interest.

JOHN J. SCANNELL,

Commissioner.



## DEPARTMENT OF PUBLIC CHARITIES.

DEPARTMENT OF PUBLIC CHARITIES,  
BUREAU OF MANHATTAN AND THE BRONX,  
FOOT OF EAST TWENTY-SEVENTH STREET,  
NEW YORK, May 27, 1900.

## TO CONTRACTORS.

## PROPOSALS FOR BIDS OR ESTIMATES FOR THE MATERIALS AND WORK REQUIRED FOR THE ALTERATIONS AND REPAIRS TO THE DEPARTMENT BAKERY ON BLACKWELL'S ISLAND.

**BIDS OR ESTIMATES FOR THE MATERIALS** and work required for the alterations and repairs to the Department Bakery on Blackwell's Island, in conformity with plans and specifications, will be received at the office of the Department of Public Charities, foot of East Twenty-seventh street, in The City of New York, until 12 o'clock a. m.

MONDAY, JUNE 4, 1900.

The person or persons making any bid or estimate shall furnish the same in a sealed envelope, indorsed "Bid or Estimate for the Materials and Work required for the Alterations and Repairs to the Department Bakery on Blackwell's Island," with his or their name or names and the date of presentation to the head of said Department, at the said office, on or before the day and hour above named, at which time and place the bids or estimates received will be publicly opened by the President of said Department, or his duly authorized agent, and read.

THE BOARD OF PUBLIC CHARITIES RESERVES THE RIGHT TO REJECT ALL BIDS OR ESTIMATES IF DEEMED TO BE FOR THE PUBLIC INTEREST.

No bid or estimate will be accepted from, or contract awarded to, any person who is in arrears to the Corporation upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

The award of the contract will be made as soon as practicable after the opening of the bids.

Any bidder for this contract must be known to be engaged in and well prepared for the business, and must have satisfactory testimonials to that effect, and the person or persons to whom the contract may be awarded will be required to give security for the performance of the contract by his or their bond, with two sufficient sureties, each in the amount of Two Thousand (\$2,000) Dollars.

Each bid or estimate shall contain and state the name and place of residence of each of the persons making the same, the names of all persons interested with him or them therein, and if no other person be so interested it shall distinctly state that fact; also that it is made without any connection with any other person making an estimate for the same purpose, and is in all respects fair and without collusion or fraud, and that no member of the Municipal Assembly, head of a department, chief of a bureau, deputy thereof or clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or work to which it relates, or in any portion of the profits thereof. The bid or estimate must be verified by the oath, in writing, of each of the persons signing the estimate, that the several matters stated therein are in all respects true. Where more than one person is interested, it is requisite that the verification be made and subscribed by all the parties interested.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders in The City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as his sureties for its faithful performance, and that if he shall omit or refuse to execute the same they will pay to the Corporation any difference between the sum to which he would be entitled upon its completion and that which the Corporation may be obliged to pay in the person or persons to whom the contract may be awarded at any subsequent letting; the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same that he is a householder or freeholder in The City of New York, and is worth the amount of the security required for the completion of this contract over and above all his debts of every nature and over and above his liabilities as bail, surety or otherwise, and that he has offered himself as a surety in good faith and with the intention to execute the bond required by the Revised Ordinances if the contract shall be awarded to the person or persons for whom he consents to become surety. The said sureties may consist of responsible guaranty companies. The adequacy and sufficiency of the security offered to be approved by the Comptroller of The City of New York.

No bid or estimate will be considered unless accompanied by either a certified check upon one of the National or State banks of The City of New York, drawn to the order of the Comptroller, or money to the amount of five per centum of the amount of the security required for the faithful performance of the contract. Such check or money must not be included in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and retained by The City of New York as liquidation damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

Should the person or persons to whom the contract may be awarded neglect or refuse to accept the contract within five days after written notice that the same has been awarded to him or their bid or proposal, or if he or they accept but do not execute the contract and give the proper security, he or they shall be considered as having abandoned it and as in default to the Corporation, and the contract will be re-advertised and retold, as provided by law.

Bidders are cautioned to examine the plans and specifications for particulars of the work, etc., required before making their estimates, and are cautioned against referring to any specifications other than those furnished by the Department. Such references are cause for rejecting bids when they are written, and will in no case govern the action of the Department officers in passing upon tenders.

Bidders will write out the amount of their estimates in addition to the same in figures.

Payment will be made by a requisition on the Comptroller, in accordance with the terms of the contract.

The plans, specifications and detail drawings may be seen at the office of Morgan & Slattery, Architects, No. 3 Madison avenue, Borough of Manhattan.

Blank forms of bids or estimates, the proper envelopes in which to inclose the same, the specifications and agreement approved as in form by the Corporation Counsel, and any further information desired, can be obtained at the office of the Department of Public Charities, and bidders are cautioned to examine each and all of its provisions carefully, as the Board of Public Charities will insist upon its absolute enforcement in every particular.

JOHN W. KELLER, President,  
ADOLPH SIMS, Jr., Commissioner,  
JAMES FEENEY, Commissioner,  
Department of Public Charities.

DEPARTMENT OF PUBLIC CHARITIES OF THE  
CITY OF NEW YORK,  
BUREAU OF BROOKLYN AND QUEENS,  
NO. 126 AND 128 LIVINGSTON STREET,  
BROOKLYN, NEW YORK.

## TO CONTRACTORS.

## PROPOSALS FOR BIDS OR ESTIMATES.

**SEALED ESTIMATES FOR THE ERECTION** of one Nurses' Home, one Infant Pavilion, two additions (tallies) to main Hospital, one addition to Infants' Hospital, one addition to Consumptives' Building, one alteration to Bakery, one Pumping Plant, one Heating Plant, one Crematory for Garbage, new Pumping Station, and new roof for main Hospital, will be received at the Office of the Department of Public Charities, foot of East Twenty-sixth street, Borough of Manhattan, until 12 o'clock a. m.

MONDAY, THE 28th DAY OF MAY, 1900.

The person or persons making an estimate shall furnish the same in a sealed envelope, indorsed "Estimate for Erection of Buildings, etc.," and with his or their name or names and the date of presentation to the head of said Department, at the said office, on or before the day and hour above named, at which time and place the estimates received will be publicly opened by the head of said Department, or his representative, and read.

For particulars as to the amount and kind of work to be done, reference must be made to the specifications and drawings, which may be seen at the office of the Architect, and at Nos. 126 and 128 Livingston street, Brooklyn.

Bidders must submit separate bids on each of the aforesaid buildings and works and alterations according to the plans and specifications; they must also submit separate bids for heating plant, as called for in specifications.

Permission will not be given for the withdrawal of any bid or estimate, and the right is expressly reserved by the said Department to reject all bids should it be deemed to be for the public interest so to do.

No estimate will be accepted from, or a contract awarded to, any person who is in arrears to the Corporation upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

The person or persons to whom the contract may be awarded will be required to give security for the performance of the contract in the manner prescribed by law.

The buildings, works and alterations are to be completed and delivered within the time stipulated in each specification for each job, after the execution of the contract.

The damages to be paid by the contractor for each day that the contract may be unfulfilled after the time specified for the completion thereof shall have expired, are fixed and liquidated at Fifty (\$50) Dollars.

Each estimate shall contain and state the name and place of residence of each of the persons making the same, the names of all persons interested with him or them therein, and if no other person be so interested it shall distinctly state that fact; also that it is made without any connection with any other person making an estimate for the same purpose and is in all respects fair and without collusion or fraud, and that no member of the Municipal Assembly, head of a department, chief of a bureau, deputy thereof or clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or work to which it relates, or in any portion of the profits thereof. The estimate must be verified by the oath, in writing, of each of the persons signing the estimate, that the several matters stated therein are in all respects true. Where more than one person is interested it is requisite that the verification be made and subscribed by all the parties interested.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders in The City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as his sureties for its faithful performance, and that if he shall omit or refuse to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled upon its completion and that which the Corporation may be obliged to pay in the person or persons to whom the contract may be awarded at any subsequent letting; the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same that he is a householder or freeholder in The City of New York, and is worth the amount of the security required for the completion of this contract over and above all his debts of every nature, and over and above his liabilities as bail, surety or otherwise, and that he has offered himself as a surety in good faith and with the intention to execute the bond required by law. The adequacy and sufficiency of the security offered will be subject to approval by the Comptroller of The City of New York after the award is made and prior to the signing of the contract.

Should the person or persons to whom the contract for all or a part may be awarded neglect or refuse to accept the contract within five days after written notice that the same has been awarded to him or their bid or proposal, and that the adequacy and sufficiency of the security offered has been approved by the Comptroller, or if he or they accept but do not execute the contract and give the proper security, he or they shall be considered as having abandoned it and as in default to the Corporation, and the contract will be re-advertised and retold, as provided by law.

No estimate will be received or considered unless accompanied by either a certified check upon one of the State or National banks of The City of New York, drawn to the order of the Comptroller, or money to the amount of five per centum of the amount of the security required for the faithful performance of the contract. Such check or money must not be included in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate box, and an estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and retained by The City of New York as liquidation damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

Plans and specifications for above works can be seen at the office of the Commissioner of Public Charities for the Boroughs of Brooklyn and Queens, Nos. 126 and 128 Livingston street, Brooklyn, and at the office of the Architect, Louis H. Voss, Nos. 8 and 10 McKean avenue, Brooklyn, who will give all necessary information in regard to the work.

Blank forms of bids or estimates and of proposed contract and specifications and further information in regard to the work aforesaid can also be obtained at the office of the Commissioner aforesaid.

J. W. KELLER, President,  
A. SIMS, Jr., Commissioner,  
JAMES FEENEY, Commissioner,  
Commissioners of Public Charities.

NEW YORK, May 27, 1900.

## AQUEDUCT COMMISSION.

## PUBLIC AUCTION.

FRIDAY, JUNE 1, 1900.

SALE TO BEGIN AT FERRY'S STATION AT 10 O'CLOCK A.M.  
AND CONTINUE UNTIL PROPERTY IS ALL SOLD.

THE AQUEDUCT COMMISSIONERS OF THE City of New York will sell at public auction, under the direction of Peter F. Meyer & Co., Auctioneers, on the premises, the following-described buildings now standing within the purchase line of the New Croton Reservoir:

Parcel No.	FORMER OWNER.	DESCRIPTION.	Minimum Price.
519	Est. D. W. Slawson	House.....	\$100.00
	"	Barn, 32 feet by 32 feet	50.00
	"	Barn, 12 feet by 74 feet	35.00
	"	Barn, 14 feet by 30 feet	15.00
	"	Ice-house.....	10.00
517	Joseph Benedict..	House.....	25.00
	"	Barn, 45 feet by 55 feet	50.00
	"	Barn, 26 feet by 30 feet	40.00
	"	Barn, 20 feet by 24 feet	30.00
	"	Barn, 15 feet by 25 feet	15.00
516	M. C. Teed.....	House.....	100.00
	"	Barn.....	30.00
	"	Shed.....	5.00
	"	House, tenanted.....	15.00
515	Robert F. White..	Barn, connected.....	75.00
506	Edward O'Connor	House.....	10.00
499	N. Reynolds.....	"	200.00
	"	Barn.....	25.00
491	W. H. Gardner....	House.....	125.00
490	M. C. Teed.....	Shed.....	50.00
	"	House.....	35.00
	"	Barn.....	15.00
	"	Ice-house.....	10.00
478	Bridget Doyle....	House.....	2.00
477	Jane Hawley.....	"	40.00
473	Wm. L. Gardner..	"	30.00
	Wm. L. Gardner..	"	30.00
	Wm. L. Gardner..	"	30.00
468	Est. Stephen But..	Barn.....	10.00
	"	House.....	40.00
467	Frank Parkus....	"	5.00
469	Est. Stephen But..	"	40.00
	"	Barn.....	10.00
428	T. J. Burt.....	House.....	30.00
	"	Barn.....	10.00
	"	Carriage-house and wash-house.....	5.00
	"	House.....	95.00
245	Charles V. van..	Barn, shed and chicken-coop.....	40.00
244	George Van Tassel	House and shed.....	45.00
243	John H. French....	House.....	30.00
241	Est. E. Hancock..	"	40.00
240	Est. M. E. Haller..	Barn.....	5.00
	"	House.....	25.00
238	F. N. DeBois.....	House.....	25.00
232	Society of Friends	Meeting-house.....	50.00
223	"	Shed.....	5.00
265	A. P. Quick.....	House.....	5.00
264	Charles Wood.....	Barn.....	15.00
259	George E. Todd....	Barn, connected.....	10.00
258	Est. John Jay....	Barn.....	10.00

## TERMS OF SALE.

First—The purchase money must be paid on the day of sale.

Second—The buildings will be sold to the stone foundations.

Third—The buildings must be moved off the City's property by August 15, 1900.

Fourth—No building will be sold for less than the minimum price given in the City Record and in the posters.

Fifth—The buildings must be moved to new sites which are at least two hundred and fifty feet from the Croton river or any of its affluents or any drain emptying therein.

Sixth—If any building or part of same is left on the property of The City of New York on or after the 15th day of August, 1900, the purchaser shall forfeit all right and title to the buildings or any part of building so left, and use to the money part of the consideration paid at the time of sale, and the Aqueduct Commissioners may at any time on or after the 15th day of August, 1900, remove and demolish buildings or parts of buildings, or remove or destroy the same.

The Aqueduct Commissioners reserve the right to exclude from such sale any building or buildings that may be designated by the Engineer.

By order of the Aqueduct Commissioners of The City of New York.

JOHN J. RYAN,

President.

HARRY W. WALKER,

Secretary.

## DEPARTMENT OF CORRECTION.

PROPOSALS FOR BIDS OR ESTIMATES FOR MISCELLANEOUS ARTICLES CONSISTING MAINLY OF HARDWARE, LUMBER, PAINTS, OILS, GLASS, IRON AND STEEL, BROOM CORN, BRISTLES, ETC., FOR MANUFACTURING PURPOSES, GOODS TO BE DELIVERED WITHIN 10 DAYS AFTER NOTICE TO DELIVER TO THE KINGS COUNTY PENITENTIARY.

BUREAU OF BROOKLYN.

**SEALED BIDS OR ESTIMATES FOR FURNISHING** the above-mentioned supplies, in conformity with specifications, will be received at the office of the Department, No. 148 East Twentieth street, New York City, until 11 a. m.

TUESDAY, JUNE 12, 1900.

No empty packages are to be returned to bidders or contractors except as herein specified, and none will be paid for by the Department.

The person or persons making any bid or estimate shall furnish the same in a sealed envelope, indorsed "Bid or Estimate for Miscellaneous Supplies," with his or their name or names, and the date of presentation, to the head of said Department, at the said office, on or before the day and hour above named, at which time and place the bids or estimates received will be publicly opened by the Commissioner of said Department and read.

THE COMMISSIONER RESERVES THE RIGHT TO REJECT ALL BIDS OR ESTIMATES IF DEEMED TO BE FOR THE PUBLIC INTEREST.

No bid or estimate will be accepted from, or contract awarded to, any person who is in arrears to the Corporation upon debt or contract, or who is a defaulter,

as surety or otherwise, upon any obligation to the Corporation.

The award of the contract will be made as soon as practicable after the opening of the bids.

Delivery will be required to be made from time to time and in such quantities as may be directed by the said Commissioner.

Any bidder for this contract must be known to be engaged in and well prepared for the business, and must have satisfactory testimonials to that effect, and the person or persons to whom the contract may be awarded will be required to give security for the performance of the contract by his or their bond, with two sufficient sureties, each in the amount of fifty (\$50) per cent. of the bid for each article.

Each bid or estimate shall contain and state the name and place of residence of each of the persons making the same, the names of all persons interested with him or them therein, and if no other person be so interested it shall distinctly state that fact; also that it is made without any connection with any other person making an estimate for the same purpose, and is in all respects fair and without collusion or fraud, and that no member of the Municipal Assembly, head of a department, chief of a bureau, deputy thereof or clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or work to which it relates, or in any portion of the profits thereof. The bid or estimate must be verified by the oath, in writing, of each of the persons signing the estimate, that the several matters stated therein are in all respects true. Where more than one person is interested, it is requisite that the verification be made and subscribed by all the parties interested.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders in The City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as his sureties for its faithful performance, and that if he shall omit or refuse to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled upon its completion and that which the Corporation may be obliged to pay in the person or persons to whom the contract may be awarded at any subsequent letting; the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same that he is a householder or freeholder in The City of New York, and is worth the amount of the security required for the completion of this contract over and above all his debts of every nature and over and above his liabilities as bail, surety or otherwise, and that he has offered himself as a surety in good faith and with the intention to execute the bond required by the Revised Ordinances if the contract shall be awarded to the person or persons for whom he consents to become surety. The adequacy and sufficiency of the security offered to be approved by the Comptroller of The City of New York.

No bid or estimate will be considered unless accompanied by either a certified check upon one of the National or State banks of The City of New York, drawn to the order of the Comptroller, or money to the amount of five per centum of the amount of the security required for the faithful performance of the contract. Such check or money must not be included in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and retained by The City of New York as liquidation damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

Should the person or persons to whom the contract may be awarded neglect or refuse to accept the contract within five days after written notice that the same has been awarded to him or their bid or proposal, or if he or they accept but do not execute the contract and give the proper security, he or they shall be considered as having abandoned it and as in default to the Corporation, and the contract will be re-advertised and retold, as provided by law.

The quality of the articles, supplies, goods, wares and merchandise must conform in every respect to the samples of the same on exhibition at the office of the said Department, or, in the absence of samples, to the printed specifications. Bidders are cautioned to examine the specifications for particulars of the articles, etc., required before making their estimates, and are cautioned against referring to any samples or specifications other than those furnished by the Department. Such references are cause for rejecting bids when they are written, and will in no case govern the action of the Department officers in passing upon tenders.

Bidders must state the price of each article per pound, dozen, gallon, yard, etc., by which the bids will be tested. The extensions must be made and stated up, as the bids will be read from the total figures and amounts made to the lowest bidder on each item. All estimates not conforming to these requirements may be considered as informal.

Bidders will write out the amount of their estimates in addition to the same in figures.

Payment will be made by a requisition on the Comptroller, in accordance with the terms of the contract, at from time to time, as the Commissioner may determine.

Blank forms of bid or estimate, the proper envelopes in which to inclose the same, the specifications and agreement approved as in form by the Corporation Counsel, and any further information desired, can be obtained at the office of the General Bookkeeper and Auditor.

FRANCIS J. LANTRY,

Comptroller.

DEPARTMENT OF CORRECTION,  
NO. 148 EAST TWENTIETH STREET,  
NEW YORK CITY, May 27, 1900.

## PROPOSALS FOR INSTALLING NEW BOILER AND NECESSARY REPAIRS TO STEAMER "WM. L. STRONG."

**SEALED BIDS OR ESTIMATES FOR NEW** boiler, etc., Steamer "Wm. L. Strong," in conformity with specifications, will be received at the office of the Department of Correction, No. 148 East Twentieth street, in The City of New York, until 11 a. m.

THURSDAY, JUNE 7, 1900.

The person or persons making any bid or estimate shall furnish the same in a sealed envelope, indorsed "Bid or Estimate for New Boiler, etc., Steamer 'Wm. L. Strong,'" with his or their name or names, and the date of presentation, to the head of said Department, at the said office, on or before the day and hour above named, at which time and place the bids or estimates received will be publicly opened by the Commissioner and read. The quantity and quality of the supplies and the nature and extent of the work required are named and set forth in the specifications.

THE COMMISSIONER OF THE DEPARTMENT OF CORRECTION RESERVES THE RIGHT TO REJECT ALL BIDS OR ESTIMATES IF DEEMED TO BE FOR THE PUBLIC INTEREST.

No bid or estimate will be accepted from, or contract awarded to, any person who is in arrears to the Cor-



person upon debt or contract, or who is a defaulter as surety or otherwise, upon any obligation to the Corporation.

The award of the contract will be made as soon as practicable after the opening of the bids.

Any bidder for this contract must be known to be engaged in and well prepared for the business, and must have satisfactory testimonials to that effect, and the person or persons to whom the contract may be awarded will be required to give security for the performance of the contract, by his or their bond, with two sufficient sureties, each in the amount of Two Thousand (\$2,000) Dollars each.

Each bid or estimate shall contain and state the name and place of residence of each of the persons making the same, the names of all persons interested with him or them therein, and if no other person be so interested it shall distinctly state that fact; also, that it is made without any connection with any other person making an estimate for the same purpose, and is in all respects fair and without collusion or fraud, and that no member of the Municipal Assembly, head of a department, chief of a bureau, deputy thereof or clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the work to which it relates, or in any portion of the profits thereof. The bid or estimate must be verified by the oath, in writing, of the party or parties making the estimate, that the several matters stated therein are in all respects true. When more than one person is interested it is requisite that the verification be made and subscribed by all the parties interested.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders, or of a guaranty or surety company duly authorized by law to act as surety, with their respective places of business or residence, in the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as his sureties for his faithful performance; and that if he shall omit or refuse to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled on its completion and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting, the amount in such case to be calculated upon the estimated amount of the work by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of this contract over and above all his debts of every nature, and over and above his liabilities as bail, surety or otherwise, and that he has offered himself as a surety in good faith and with the intention to execute the bond required by section 20 of the Revised Ordinances of the City of New York, if the contract shall be awarded to the person or persons for whom he consents to become surety. The adequacy and sufficiency of the security offered to be approved by the Comptroller of the City of New York.

No bid or estimate will be received or considered unless accompanied by a certified check upon one of the State or National Banks of the City of New York, drawn to the order of the Comptroller, or money to the amount of One Hundred Dollars, being five per centum of the estimate of the security required for the faithful performance of the contract. Such check or money must not be cashed in the sealed envelope containing the estimate, but must be handed in the office of the clerk of the Department who has charge of the estimate book; and no estimate can be deposited in said book until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and be retained by the City of New York as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid the amount of his deposit will be returned to him.

Should the person or persons to whom the contract may be awarded neglect or refuse to accept the contract within five days after written notice that the same has been awarded to him or their bid or proposal, or if he or they accept but do not execute the contract and give the proper security, he or they shall be considered as having abandoned it and as in default to the Corporation, and the contract will be re-advertised and let as provided by law.

The work must conform in every respect to the printed specifications. Bidders are cautioned to examine the specifications for particulars of the articles, etc., required before making their estimates.

Bidders will write out the amount of their estimates in addition to inserting the same in figures.

Payment will be made by a requisition on the Comptroller, in accordance with the terms of the contract.

The items of the contract, including specifications approved as to form by the Corporation Council, will be furnished at the office of the Department, No. 248 East Twelfth street, New York City, and bidders are cautioned to examine each and all of its provisions carefully, as the Commissioner of Correction will insist upon its absolute enforcement in every particular.

FRANCIS J. LANTRY,  
Commissioner of Correction.

**PROPOSALS FOR BIDS OR ESTIMATES FOR MISCELLANEOUS ARTICLES CONSISTING MAINLY OF HARDWARE, LUMBER, PAINTS, OILS, GLASS, IRON AND STEEL, ETC., GOODS TO BE DELIVERED WITHIN 10 DAYS AFTER NOTICE TO DELIVER.**

Borough of Manhattan.

**SEALED BIDS OR ESTIMATES FOR FURNISHING THE ABOVE-MENTIONED SUPPLIES, IN CONFORMITY WITH SPECIFICATIONS, WILL BE RECEIVED AT THE OFFICE OF THE DEPARTMENT, NO. 248 EAST TWELFTH STREET, NEW YORK CITY, UNTIL 11 A. M.**

**THURSDAY, JUNE 7, 1900.**

No empty packages are to be returned to bidders or contractors except as herein specified, and none will be paid for by the Department.

The person or persons making any bid or estimate shall furnish the same in a sealed envelope, indorsed "Bid or Estimate for Miscellaneous Supplies," with his or their name or names and the date of presentation, to the head of said Department, at the said office, on or before the day and hour above named, at which time and place the bids or estimates received will be publicly opened by the Commissioner of said Department, or his duly authorized agent, and read.

The Commissioner reserves the right to reject all bids or estimates if deemed to be for the public interest.

No bid or estimate will be accepted from or contract awarded to any person who is in arrears to the Corporation upon debt or contract, or who is a defaulter as surety or otherwise, upon any obligation to the Corporation.

The award of the contract will be made as soon as practicable after the opening of the bids.

Delivery will be required to be made from time to time and in such quantities as may be directed by the said Commissioner.

Any bidder for this contract must be known to be engaged in and well prepared for the business, and must have satisfactory testimonials to that effect, and the person or persons to whom the contract may be awarded will be required to give security for the performance of the contract, by his or their bond, with two sufficient sureties, each in the amount of fifty (\$50) per cent of the bid for each article. (No bonds or deposits required on bids under One Thousand Dollars.)

Each bid or estimate shall contain and state the name and place of residence of each of the persons making the same, the names of all persons interested with him or

them therein, and if no other person be so interested it shall distinctly state that fact; also, that it is made without any connection with any other person making an estimate for the same purpose, and is in all respects fair and without collusion or fraud, and that no member of the Municipal Assembly, head of a department, chief of a bureau, deputy thereof or clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or work to which it relates, or in any portion of the profits thereof. The bid or estimate must be verified by the oath, in writing, of the party or parties making the estimate that the several matters stated therein are in all respects true. When more than one person is interested it is requisite that the verification be made and subscribed by all the parties interested.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, with their respective places of business or residence, in the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as his sureties for its faithful performance, and that if he shall omit or refuse to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled on its completion and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting, the amount in such case to be calculated upon the estimated amount of the work by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of this contract over and above all his debts of every nature, and over and above his liabilities as bail, surety or otherwise, and that he has offered himself as a surety in good faith and with the intention to execute the bond required by the Revised Ordinances, if the contract shall be awarded to the person or persons for whom he consents to become surety. The adequacy and sufficiency of the security offered to be approved by the Comptroller of the City of New York.

No bid or estimate will be considered unless accompanied by either a certified check upon one of the National or State Banks of the City of New York, drawn to the order of the Comptroller, or money to the amount of five per centum of the amount of the security required for the faithful performance of the contract. Such check or money must not be cashed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate book, and no estimate can be deposited in said book until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and be retained by the City of New York as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid the amount of his deposit will be returned to him.

Should the person or persons to whom the contract may be awarded neglect or refuse to accept the contract within five days after written notice that the same has been awarded to him or their bid or proposal, or if he or they accept but do not execute the contract and give the proper security, he or they shall be considered as having abandoned it and as in default to the Corporation, and the contract will be re-advertised and let as provided by law.

The quality of the articles, supplies, goods, wares and merchandise must conform in every respect to the samples of the same on exhibition at the office of the said Department, or, in the absence of samples, to the printed specifications. Bidders are cautioned to examine the specifications for particulars of the articles, etc., required before making their estimates, and are cautioned against referring to any samples or specifications other than those furnished by the Department. Such references are liable for rejecting bids whenever they are written, and will in no way govern the action of the Department officers in passing upon bidders.

Bidders must state the price of each article per pound, dozen, gallon, yard, etc., by which the bids will be tested. The estimates must be made and dated up to the date of the bid and be sealed in the sealed envelope and must be made in the sealed envelope in such form.

All estimates not conforming to these requirements may be considered as informal.

Bidders will write out the amount of their estimate in addition to inserting the same in figures.

Payment will be made by a requisition on the Comptroller in accordance with the terms of the contract, or from time to time, as the Commissioner may determine.

Blank forms of bid or estimate, the proper envelopes in which to inclose the same, the specifications and agreement approved as to form by the Corporation Council, and any further information desired can be obtained at the office of the General Bookkeeper and Auditor.

FRANCIS J. LANTRY,  
Commissioner.

## DEPARTMENT OF STREET CLEANING.

**PERSONS HAVING BULKHEADS TO FILL, IN THE VICINITY OF NEW YORK BAY, CAN SECURE MATERIAL FOR THAT PURPOSE—SAND, STREET SWEEPINGS, ETC., SUCH AS IS COLLECTED BY THE DEPARTMENT OF STREET CLEANING—FREE OF CHARGE, BY APPLYING TO THE COMMISSIONER OF STREET CLEANING, NO. 15 TO 21 PARK ROW, BOROUGH OF MANHATTAN.**

PERCIVAL E. NAGLE,  
Commissioner of Street Cleaning.

## DEPARTMENT OF EDUCATION.

**SEALED PROPOSALS WILL BE RECEIVED BY THE COMMITTEE ON BUILDINGS OF THE BOARD OF EDUCATION OF THE CITY OF NEW YORK, AT THE HALL OF THE BOARD, SOUTHWEST CORNER OF PARK AVENUE AND FIFTY-NINTH STREET, BOROUGH OF MANHATTAN, UNTIL 4 O'CLOCK P. M., ON**

**MONDAY, JUNE 11, 1900.**

For Alterations in and Erecting Additions to Public School 26, Borough of Brooklyn.

Plans and specifications may be seen and blank proposals obtained at the Estimating Room, eighth floor, Hall of the Board of Education, corner of Park avenue and Fifty-ninth street, Borough of Manhattan.

A certified check or certificate of deposit must accompany each proposal, as required by the By-Laws of said Board, to be disposed of as the By-Laws provide, and surety must be furnished as required by said By-Laws.

The By-Laws may be examined at the office of the Secretary.

The Committee reserves the right to reject any or all proposals submitted.

Dated Borough of Manhattan, May 28, 1900.

RICHARD H. ADAMS,  
CHARLES E. ROBERTSON,  
ABRAHAM STERN,  
WILLIAM J. COLE,  
MILES M. O'BRIEN,  
PATRICK J. WHITE,  
JOHN R. THOMPSON,  
Committee on Buildings.

## PUBLIC HIGH SCHOOL NOTICE.

**AN examination for pupils not in the public schools, who are legal residents of the boroughs of Manhattan and The Bronx, and who may wish to enter one of the High Schools, will be held at the High Schools,**

**buildings on the afternoons of Thursday and Friday, June 7 and 8, 1900, beginning at 2 o'clock.**

Applicants will be examined in arithmetic, geography, history of the United States, English grammar and composition, spelling, reading and writing, and they will take their examination at the school which they desire to attend.

The Boys' High School is at No. 26 West Thirtieth street, the Girls' High School at No. 38 East Twelfth street, and the high school for both boys and girls is at One Hundred and Fifty-seventh street and Third avenue.

JOHN JASPER,  
Superintendent,  
Boroughs of Manhattan and The Bronx.

**SEALED PROPOSALS WILL BE RECEIVED BY THE COMMITTEE ON BUILDINGS OF THE BOARD OF EDUCATION OF THE CITY OF NEW YORK, AT THE HALL OF THE BOARD, SOUTHWEST CORNER OF PARK AVENUE AND FIFTY-NINTH STREET, BOROUGH OF MANHATTAN, UNTIL 4 O'CLOCK P. M., ON**

**MONDAY, JUNE 4, 1900.**

For Alterations, Repairs, etc., Public Schools 12, 17, 20, 27, 28, 31, 33, 37, 39, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

Plans and specifications may be seen and blank proposals obtained at the estimating room, eighth floor, Hall of the Board of Education, corner of Park avenue and Fifty-ninth street, Borough of Manhattan.

A certified check or certificate of deposit must accompany each proposal, as required by the By-Laws of said Board, to be disposed of as the By-Laws provide, and surety must be furnished as required by said By-Laws.

The By-Laws may be examined at the office of the Secretary.

The Committee reserves the right to reject any or all proposals submitted.

Dated Borough of Manhattan, May 28, 1900.

RICHARD H. ADAMS,  
CHARLES E. ROBERTSON,  
ABRAHAM STERN,  
WILLIAM J. COLE,  
MILES M. O'BRIEN,  
PATRICK J. WHITE,  
JOHN R. THOMPSON,  
Committee on Buildings.

**VANTASSELL & KEARNEY, AUCTIONEERS,** on behalf of the Board of Education, will offer for sale at public auction, at their sales stables, Nos. 129 and 130 East Thirtieth street, Borough of Manhattan,

**FRIDAY, JUNE 1,**

at 12 o'clock noon, the following property belonging to the Board of Education:

One Yearling Bay Colt.

A. E. PALMER,  
Secretary.

**SEALED PROPOSALS WILL BE RECEIVED AT THE OFFICE OF THE BOARD OF EDUCATION, PARK AVENUE AND FIFTY-NINTH STREET, BOROUGH OF MANHATTAN, UNTIL**

**THURSDAY, MAY 31, 1900.**

at 4 P. M., for supplying for use in the schools in the Boroughs of Brooklyn, Queens and Richmond, Books for School Libraries, for the year ending December 31, 1900.

Each contractor will be required to furnish two responsible sureties for the faithful performance of his contract.

A list of the articles required, with the conditions upon which the bids will be received, may be obtained by applying to the Superintendent of School Supplies, Park avenue and Fifty-ninth street.

Each proposal must be addressed to the Committee on Supplies, and indorsed "Proposal for Libraries."

The Committee reserves the right to reject any bid if deemed for the public interest.

Dated New York, May 27, 1900.

THADDEUS MORTARTY,  
JOHN GRIFFIN, M. D.,  
JOSEPH J. KUTLER,  
WALDO H. RICHARDSON, M. D.,  
PATRICK J. WHITE,  
Committee on Supplies.

**SEALED PROPOSALS WILL BE RECEIVED BY THE COMMITTEE ON BUILDINGS OF THE BOARD OF EDUCATION OF THE CITY OF NEW YORK, AT THE HALL OF THE BOARD, SOUTHWEST CORNER OF PARK AVENUE AND FIFTY-NINTH STREET, BOROUGH OF MANHATTAN, UNTIL 4 O'CLOCK P. M., ON**

**MONDAY, MAY 28, 1900.**

For Improving Sanitary Condition of Public Schools 2, 11, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 1



the date of presentation, will be received at the office of the Mayor, City Hall, in the City of New York, until

**TUESDAY, JUNE 5, 1900.**

at 12 o'clock a. m., at which place and hour the bids will be publicly opened by and in the presence of the Commissioners of the Sinking Fund, or a majority of them, and read, and the award of the contract, if awarded, will be made to the lowest bidder, with adequate security, as soon thereafter as practicable. The person or persons to whom the contract may be awarded will be required to attend at the office of the Department of Public Buildings, Lighting and Supplies, with the securities offered by him or them, and execute the contract within five days from the date of the service of a notice to that effect.

*N. R.—Permittees will not be given for the withdrawal of any bid or estimate. No bid will be accepted from or contract awarded to any person who is in arrears to the Corporation upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.*

Bids will be received only for the whole in gross, but the bids will not include the items to be furnished by State Prison Department, as designated on the margin of the specifications.

Bidders are required to state in their estimates, under each item, their names and places of residence, the names of all persons interested with them therein, and if no other person be so interested they shall distinctly state the fact; also that it is made without any connection with any other person making any bid or estimate for the same purpose, and that it is in all respects fair and without collusion or fraud, and also that no member of the Municipal Assembly, head of a Department, Chief of a Bureau, Deputy thereof or Clerk therein or other officer of the Corporation is directly or indirectly interested therein or in the supplies or work to which it relates, or in any portion of the profits thereof. Where more than one person is interested it is requisite that the verification be made and subscribed by all the parties interested.

Each estimate shall be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate they will, upon its being so awarded, become bound as his sureties for its faithful performance; and that if he shall omit or refuse to execute the same they will pay to the Corporation any difference between the sum to which he would be entitled upon its completion and that which the Corporation may be obliged to pay to the persons to whom the contract shall be awarded at any subsequent letting, the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of the contract and stated in the proposals, over and above his debts of every nature, and over and above his liabilities as bail, surety and otherwise; and that he has offered himself as a surety in good faith, and with an intention to execute the bond required by law. The adequacy and sufficiency of the security offered will be subject to the approval of the Comptroller after the award is made and prior to the signing of the contract.

For the nature and extent of the work to be done, bidders are referred to the specifications and the plans and drawings thereon mentioned, which can be seen at the office of John H. Thomas, No. 100 Broadway; said specifications, plans and drawings form part of these proposals.

The entire work is to be completed within THREE MONTHS after the date of the signing of this contract. The damages to be paid by the contractor for each day that the contract may be unfulfilled after the time specified for the completion thereof shall have expired are: by a clause in the contract, fixed and liquidated at TWENTY-FIVE DOLLARS per day.

Bidders must state in writing, and also in figures, a price for the whole work complete, which price is to cover the furnishing of all necessary materials and labor and the performance of all the work set forth in the specifications and form of agreement hereto annexed.

An estimate will be received or considered unless accompanied by either a certified check upon one of the State or National banks of the City of New York, drawn to the order of the Comptroller, or money in the amount of five per centum of the amount of the security required for the faithful performance of the contract. Such check or money must not be included in the sealed envelope containing the estimate, but must be handed to the officer or clerk who has charge of the estimate; and no estimate can be deposited in said box until such check or money has been received by said officer or clerk and found to be correct. All such deposits except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect within five days after notice that the contract has been awarded to him to execute the same, the amount of the deposit made by him shall be forfeited and retained by the City of New York as liquidated damages for such neglect or refusal; but if he shall execute the contract and give the proper security within the time aforesaid the amount of his deposit shall be returned to him.

The amount of security required is TWENTY THOUSAND DOLLARS as heretofore specified.

The right is reserved by the Commissioners to reject all bids if they shall deem it for the interest of the Corporation so to do.

Blank forms of estimates, and further information, if required, can be obtained on application at the office of the Architect, No. 16 Broadway, and at Room 4 in the Comptroller's office, No. 280 Broadway, New York City.

New York, May 27, 1900.  
ROBERT A. VAN WYCK,  
Mayor.  
HARD S. COLER,  
Comptroller.  
PATRICK KEENAN,  
Chamberlain.  
RANDOLPH CUGENHEIMER,  
President of the Council.  
ROBERT MUIR,  
Chairman Committee on Finance,  
Board of Aldermen.  
Commissioners of the Sinking Fund.

## THE CITY RECORD.

THE CITY RECORD IS PUBLISHED DAILY, Sundays and legal holidays excepted, at No. 4 City Hall, New York City. Annual subscription, \$9.00 postage prepaid.

WILLIAM A. BUTLER,  
Supervisor.

## DEPARTMENT OF FINANCE.

### NOTICE TO PROPERTY-OWNERS.

IN PURSUANCE OF SECTION 103 OF THE Greater New York Charter, the Comptroller of the City of New York hereby gives public notice to all persons, owners of property, affected by the following assessments for LOCAL IMPROVEMENTS in the BOROUGH OF MANHATTAN:

#### TWELFTH WARD, SECTION 8.

ELEVENTH AVENUE—SEWER, west side, between One Hundred and Seventy-fifth and One Hundred and Seventy-eighth streets. Area of assessment: Both sides of Eleventh Avenue, between

Hundred and Seventy-fifth and One Hundred and Seventy-eighth streets.

ONE HUNDRED AND SEVENTY-EIGHTH STREET—SEWER, between Amsterdam Avenue and Kingsbridge Road, with CURVES AT ALBUQUERQUE, ELEVENTH AND WADSWORTH AVENUES. Area of assessment: Both sides of One Hundred and Seventy-eighth Street, from Amsterdam Avenue to Broadway; both sides of Wadsworth Avenue, from One Hundred and Seventy-fifth to One Hundred and Seventy-ninth Street; both sides of Eleventh Avenue, from about 191 feet north of One Hundred and Seventy-fifth Street to One Hundred and Seventy-ninth Street; both sides of Amsterdam Avenue, from about 206 feet north of One Hundred and Seventy-fifth to One Hundred and Seventy-ninth Street; and south side of One Hundred and Seventy-ninth Street, from Eleventh Avenue to Wadsworth Avenue.

NAEGLE AVENUE—SEWER, between Academy and Dyckman Streets. Area of assessment: Both sides of Naegle Avenue, from Kingsbridge Road to Academy Street; both sides of Dyckman Street, from Kingsbridge Road to a point distant about 1,150 feet east of Naegle Avenue; both sides of Sherman Avenue, from Elwood Street to Dyckman Street; both sides of Hillside Avenue, from a point distant about 375 feet south of Elwood Street to Eleventh Avenue; both sides of Elwood Street, from Kingsbridge Road to Hillside Avenue; both sides of Eleventh Avenue, from One Hundred and Ninetieth Street to Dyckman Street, and both sides of Wadsworth Avenue, from One Hundred and Ninetieth Street to Eleventh Avenue.

—that the same were confirmed by the Board of Assessors on May 23, 1900, and entered on same date in the Record of Titles of Assessments Confirmed, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Arrears of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessments, interest will be collected thereon, as provided in section 103 of said Greater New York Charter. Said section provides that "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment to charge, collect and receive interest thereon at the rate of seven per cent. per annum, to be calculated from the date of such entry to the date of payment."

The above assessments are payable to the Collector of Assessments and Arrears at the office of the Bureau for the Collection of Assessments and Arrears of Taxes and Arrears of Water Rents, No. 280 Broadway, Borough of Manhattan, between the hours of 9 A. M. and 5 P. M., and on Saturdays from 9 A. M. to 12 M., and all payments made thereon on or before July 21, 1900, will be exempt from interest, as above provided, and after that date will be subject to a charge of interest at the rate of seven per cent. per annum from the date of entry in the Record of Titles of Assessments in said Bureau to the date of payment.

HARD S. COLER,  
Comptroller.

CITY OF NEW YORK—DEPARTMENT OF FINANCE,  
COMPTROLLER'S OFFICE, May 23, 1900.

### NOTICE TO PROPERTY-OWNERS.

IN PURSUANCE OF SECTION 103 OF THE Greater New York Charter, the Comptroller of the City of New York hereby gives public notice to all persons, owners of property, affected by the following assessments for LOCAL IMPROVEMENTS in the BOROUGH OF THE BRONX:

TWENTY-THIRD WARD, SECTION 10.  
CAULDWELL AVENUE—SEWER, from One Hundred and Sixty-first Street (Chilman Street) to One Hundred and Fifty-eighth Street (Center Place). Area of assessment: Both sides of Cauldwell Avenue, between One Hundred and Fifty-eighth and One Hundred and Sixty-first streets.

CYPRESS AVENUE—SEWER, between Southern Boulevard and East One Hundred and Thirty-eighth Street, with BRANCH SEWERS IN EAST ONE HUNDRED AND THIRTY-SIXTH AND ONE HUNDRED AND THIRTY-SEVENTH STREETS, from Cypress Avenue to the street abutting west of Cypress Avenue. Area of assessment: Both sides of Cypress Avenue, between Southern Boulevard and East One Hundred and Thirty-eighth Street; also, both sides of One Hundred and Thirty-sixth and One Hundred and Thirty-seventh Streets, between Cypress Avenue and points situated about 145 feet westerly therefrom in each street.

TRIASDALE PLACE—SEWER, between Cauldwell Avenue and a point 100 feet west of Trinity Avenue. Area of assessment: Both sides of Triasdale Place, between Cauldwell Avenue and a point about 125 feet east of Cauldwell Avenue.

—that the same were confirmed by the Board of Assessors on May 23, 1900, and entered on same date in the Record of Titles of Assessments Confirmed, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Arrears of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessments, interest will be collected thereon, as provided in section 103 of said Greater New York Charter. Said section provides that "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment to charge, collect and receive interest thereon at the rate of seven per cent. per annum, to be calculated from the date of such entry to the date of payment."

The above assessments are payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Arrears of Water Rents, at Crotona Park Building, corner of One Hundred and Seventy-seventh Street and Third Avenue, Borough of The Bronx, between the hours of 9 A. M. and 5 P. M., and on Saturdays from 9 A. M. to 12 M., and all payments made thereon on or before July 21, 1900, will be exempt from interest, as above provided, and after that date will be subject to a charge of interest at the rate of seven per cent. per annum from the date of entry in the Record of Titles of Assessments in said Bureau to the date of payment.

HARD S. COLER,  
Comptroller.

CITY OF NEW YORK—DEPARTMENT OF FINANCE,  
COMPTROLLER'S OFFICE, May 23, 1900.

### NOTICE TO PROPERTY-OWNERS.

IN PURSUANCE OF SECTION 103 OF THE Greater New York Charter, the Comptroller of the City of New York hereby gives public notice to all persons, owners of property, affected by the following assessments for LOCAL IMPROVEMENTS in the BOROUGH OF THE BRONX:

#### TWENTY-FOURTH WARD, SECTION 11.

TREMONT AVENUE—SEWER, between Webster Avenue and a point 100 feet west of Anthony Avenue, with BRANCH SEWERS as follows: IN ANTHONY AVENUE, between East One Hundred and Seventy-fifth and One Hundred and Seventy-eighth streets. IN EAST ONE HUNDRED AND SEVENTY-EIGHTH STREET, between Anthony Avenue and a point 100 feet west of Anthony Avenue; IN BUCKHOUT STREET, between Anthony Avenue and a point 100 feet west of Anthony Avenue; IN MOUNT HOPE PLACE, between Anthony and Monroe streets; IN MONROE AVENUE, between Mount Hope Place and East One Hundred and Seventy-sixth Street; and IN EAST ONE HUNDRED AND SEVENTY-SIXTH STREET, between Tremont and Anthony Avenues. Area of assessment: Both sides of Tremont Avenue, from Webster Avenue to the Concourse; both sides of One Hun-

dred and Seventy-sixth Street, from Tremont Avenue to Monroe Avenue; both sides of Mount Hope Place, from Anthony Avenue to Monroe Avenue; both sides of Buckhout Street, from Rye Avenue to the Concourse; both sides of One Hundred and Seventy-eighth Street, from Rye Avenue to the Concourse; both sides of Rye Avenue, from One Hundred and Seventy-sixth Street to One Hundred and Seventy-eighth Street; both sides of Anthony Avenue, from One Hundred and Seventy-sixth to One Hundred and Seventy-eighth Street; both sides of Monroe Street, from One Hundred and Seventy-sixth Street to Tremont Avenue, and east side of the Concourse, from Mount Hope Place to One Hundred and Seventy-eighth Street.

—that the same were confirmed by the Board of Assessors on May 23, 1900, and entered on same date in the Record of Titles of Assessments Confirmed, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Arrears of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessments, interest will be collected thereon, as provided in section 103 of said Greater New York Charter. Said section provides that "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment to charge, collect and receive interest thereon at the rate of seven per cent. per annum, to be calculated from the date of such entry to the date of payment."

The above assessment is payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Arrears of Water Rents, at Crotona Park Building, corner of One Hundred and Seventy-seventh Street and Third Avenue, Borough of The Bronx, between the hours of 9 A. M. and 5 P. M., and on Saturdays from 9 A. M. to 12 M., and all payments made thereon on or before July 21, 1900, will be exempt from interest as above provided, and after that date will be subject to a charge of interest at the rate of seven per cent. per annum from the date of entry in the Record of Titles of Assessments in said Bureau to the date of payment.

HARD S. COLER,  
Comptroller.

CITY OF NEW YORK—DEPARTMENT OF FINANCE,  
COMPTROLLER'S OFFICE, May 23, 1900.

### INTEREST ON BONDS AND STOCK OF THE CITY OF NEW YORK.

THE INTEREST DUE JULY 1, 1900, ON the Registered Bonds and Stock of the former City of New York, of the late City of Brooklyn, of the County of Kings, and of Corporations in Queens and Richmond counties, now included in The City of New York, will be paid on that day by the Comptroller, at his office, Room 27, Stewart Building, corner of Broadway and Chambers Street.

The Transfer Bonds thereof will be closed from May 31 to July 1, 1900.

The interest due July 1, 1900, on the Coupon Bonds and Stock of the former City of New York will be paid on that day by the Knickerbocker Trust Company, No. 65 Broadway.

The interest due July 1, 1900, on the Coupon Bonds of the late City of Brooklyn will be paid on that day by the Nassau National Bank of Brooklyn, No. 40 Court Street.

The interest due July 1, 1900, on the Coupon Bonds of Corporations in Queens and Richmond counties will be received on that day for payment by the Comptroller, at his office, Room 27, Stewart Building, corner of Broadway and Chambers Street.

HARD S. COLER,  
Comptroller.

CITY OF NEW YORK—DEPARTMENT OF FINANCE,  
COMPTROLLER'S OFFICE, May 24, 1900.

NOTICE TO TAXPAYERS IN THE FIRST, SECOND, THIRD, FOURTH AND FIFTH WARDS, BOROUGH OF QUEENS, FORMERLY KNOWN AS LONG ISLAND CITY, TOWNS OF NEWTOWN, FLUSHING, JAMAICA, AND PART OF THE TOWN OF HEMPSTEAD, RESPECTIVELY.

#### DEPARTMENT OF FINANCE.

##### NOTICE FOR THE COLLECTION OF ASSESSMENTS AND ARREARS.

CITY OF NEW YORK, May 9, 1900.

UNDER THE PROVISIONS OF CHAPTER 541, Laws of 1900, public notice is hereby given that, "Any tax heretofore, and before the first day of January, eighteen hundred and ninety-eight, levied for ward, city, town, county or state purposes, and all water rates or rents in arrears at the time of the passage of this act, in that part of The City of New York which heretofore and before the first day of January, eighteen hundred and ninety-eight, formed and constituted the city of Long Island City, and the towns of Newtown, Flushing, Jamaica, and that part of the Town of Hempstead now within the boundaries of The City of New York, in the County of Queens, may be paid and discharged of record at any time before the thirtieth (30th) day of September, nineteen hundred, with interest thereon at the rate of two (2) per centum per annum."

Also that "Any lot, piece or parcel of land within the boundaries of that part of The City of New York constituting the city of Long Island City, and the towns of Newtown, Flushing, Jamaica, and that part of the Town of Hempstead now within the boundaries of The City of New York, in the County of Queens, prior to the first day of January, eighteen hundred and ninety-eight, which has been heretofore sold for unpaid taxes, water rates or rents, for ward, city, town, county or State purposes, where the same was bid in to the use of said city of Long Island City, Town of Newtown, Town of Flushing, Town of Jamaica, or Town of Hempstead, and where the certificates of sale have not been assigned at the date of the passage of this act, may be redeemed from such sale and sales on or before the thirty-first (31st) day of December, nineteen hundred, by the payment of the due of the tax or taxes and water rates or rents for which the same were sold, with interest thereon at two (2) per centum per annum, and such taxes and water rates or rents shall be thereby satisfied and discharged of record; provided such payment be made on or prior to the date last aforesaid."

On and after Monday, May 14, 1900, payments may be made under the provisions of this act, in the undersigned, at his office, in the Borough of Queens, Hallock Building, corner of Jackson Avenue and Fifth Street, First Ward (formerly Long Island City), between the hours of 9 A. M. and 5 P. M.; Saturdays, 9 to 12 M.

EDWARD GILON.

Collector of Assessments and Arrears of The City of New York.

### NOTICE TO PROPERTY-OWNERS.

IN PURSUANCE OF SECTION 103 OF THE Greater New York Charter, the Comptroller of the City of New York hereby gives public notice to all persons, owners of property, affected by the following assessments for LOCAL IMPROVEMENTS in the BOROUGH OF MANHATTAN:

#### FIFTH WARD, SECTION 1.

WASHINGTON STREET—SEWER, between Hubert and Laight Streets. Area of assessment: Both sides of Washington Street, between Hubert and Laight Streets.

#### TWELFTH WARD, SECTION 1.

ONE HUNDRED AND SIXTY-SIXTH STREET—PAVING, between Edgecombe and Amsterdam Avenues. Area of assessment: Both sides of One Hundred and Sixty-sixth Street, between Edgecombe and Amsterdam Avenues, and to the east of half the blocks on the terminating Avenues.

ONE HUNDRED AND SEVENTY-FIFTH STREET—PAVING, between Amsterdam and Eleventh Avenues. Area of assessment: Both sides of One Hundred and Seventy-fifth Street, between Amsterdam and Eleventh Avenues, and to the east of half the blocks on the intersecting and terminating Avenues, between One Hundred and Seventy-fifth and One Hundred and Seventy-sixth Streets; including also, part of Lot No. 4 of Block No. 233.

#### FOURTEENTH WARD, SECTION 2.

ELM STREET—SEWER, between Prince and Jersey Streets; also BASIN at the northern corner of ELM AND PRINCE STREETS. Area of assessment: Lots numbered 8, 9, 13, 17, 23, 26, 28, 30 and 31 of Block No. 510.

—that the same were confirmed by the Board of Assessors on May 15, 1900, and entered on the same date in the Record of Titles of Assessments Confirmed, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Arrears of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessments, interest will be collected thereon, as provided in section 103 of said Greater New York Charter. Said section provides that "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment to charge, collect and receive interest thereon at the rate of seven per cent. per annum, to be calculated from the date of such entry to the date of payment."

The above assessments are payable to the Collector of Assessments and Arrears at the office of the Bureau for the Collection of Assessments and Arrears of Taxes and Arrears of Water Rents, No. 280 Broadway, Borough of Manhattan, between the hours of 9 A. M. and 5 P. M., and on Saturdays from 9 A. M. to 12 M., and all payments made thereon on or before July 21, 1900, will be exempt from interest, as above provided, and after that date will be subject to a charge of interest at the rate of seven per cent. per annum from the date of entry in the Record of Titles of Assessments in said Bureau to the date of payment.

HARD S. COLER,  
Comptroller.

CITY OF NEW YORK—DEPARTMENT OF FINANCE,  
COMPTROLLER'S OFFICE, May 10, 1900.

## NEW EAST RIVER BRIDGE COMMISSION.

COMMISSION NEW EAST RIVER BRIDGE,  
CITY OF NEW YORK, April 19, 1900.

### NOTICE TO CONTRACTORS.

BIDS WILL BE RECEIVED BY THE COMMISSIONERS of the New East River Bridge, at their office, at No. 250 Broadway, in the Borough of Manhattan, in The City of New York, at two o'clock in the afternoon of the

#### 31st DAY OF MAY, 1900.

Indorsed "Bid for Construction of the Steel and Masonry Approach on the Manhattan Side of the New East River Bridge," for furnishing the materials for and constructing the steel and masonry approach on the Manhattan side of the New East River Bridge, in accordance with the proposed form of contract and the drawings and specifications thereon. All bids shall be enclosed in sealed envelopes, addressed to Lewis Nixon, President of the Board of Commissioners of the New East River Bridge, and presented to him on that day and at that hour at said office, and such bids will be opened in public meeting by the said Commissioners on that day at two o'clock in the afternoon.

Copies of the specifications and the general drawings for the work, with the proposed form for the bid, bond and contract may be seen and further information will be given at the office of the Chief Engineer, No. 24 Broadway, Borough of Brooklyn, City of New York, on and after the 28th day of April, 1900.

The Commissioners require that all bidders shall carefully examine the specifications, drawings and proposed form of contract, in order that no question as to their meaning may arise hereafter. It must be distinctly understood that no changes in the quality of the materials or of the workmanship will be allowed, and that the specifications will be adhered to strictly.

The contract is to be completely performed within fifteen months after the execution of the contract. Bids will be made upon a form provided therefor, and only those bids will be considered which are complete, in proper form, comply with the requirements herein stated, and are offered by parties of known reputation, experience and responsibility.

Each bidder will be required to deposit, with his bid, in the office of the Commissioners, a certified check for \$12,000, payable to the order of Julian D. Fairchild, as Treasurer of the New East River Bridge Commissioners, as security for the execution by him of the contract and the giving of the required bond, if his bid is accepted, within two weeks after notice of the acceptance of his bid.

The Contractor will be required to give a bond in the penal sum of \$100,000, in the form annexed to the proposed form of contract, with two approved surety companies doing business in The City of New York, conditioned for the prompt and faithful performance of the contract and its provisions and the work thereunder.

As by far the greater part of this work can be executed only by bridge establishments of the first class, bids will be received only from such parties as have the requisite plant and facilities, which have been in successful operation on work of similar character for at least one year. The bidders must be, in the opinion of the Commissioners, fully qualified both by experience and in appliances to execute work of this character and importance according to the highest standard of such work at the present time.

The Commissioners reserve the right to reject any and all of the bids offered, and to accept any bid offered.

LEWIS NIXON,  
President.

JAMES D. BELL,  
Secretary.

COMMISSION NEW EAST RIVER BRIDGE,  
CITY OF NEW YORK, April 19, 1900.

### NOTICE TO CONTRACTORS.

BIDS WILL BE RECEIVED BY THE COMMISSIONERS of the New East River Bridge, at their office, at No. 250 Broadway, in the Borough of Manhattan, in The City of New York, at two o'clock in the afternoon of the

#### 31st DAY OF MAY, 1900.

Indorsed "Bid for Construction of the Steel and Masonry Approach on the Brooklyn Side of the New East River Bridge," for furnishing the materials for and constructing the steel and masonry approach on the Brooklyn side of the New East River Bridge, in accordance with the proposed form of contract and the drawings and specifications thereon. All bids shall be enclosed in sealed envelopes, addressed to Lewis Nixon, President of the Board of Commissioners of the New East River Bridge, and presented to him on that day and at that hour at said office, and such bids will be opened in public meeting by the said Commissioners on that day at two o'clock in the afternoon.

Copies of the specifications and the general drawings for the work, with the proposed form for the bid, bond and contract may be seen and further information will be given at the office of the Chief Engineer, No. 24 Broadway, Borough of Brooklyn, City of New York, on and after the 28th day of April, 1900.



ON TUESDAY, JUNE 15, 1932, AT 12 O'CLOCK  
A. M. the Department of Highways will sell at  
public auction, by Philip A. Smyth, Auctioneer, the fol-  
lowing buildings and parts of buildings within the limits  
of the Corporation of the City of New York, in the Borough of Manhattan,  
City of New York, and in the Borough of Brooklyn:

Block between M. 42nd and Orient avenues—One  
frame shed and one hydrant house.

Scatterly side of Orient avenue—One hydrant house  
and one hose house, both small frame buildings.

North of Metropolitan avenue—Three frame sheds  
and part of one two-story frame building.



Southerly side of Metropolitan avenue—Four frame sheds, part of two frame sheds, part of two-story brick factory, with small portion of one-story brick extension, and part of two-story and basement frame and brick building.

Southerly side of Grand street—Part of one-story brick factory, part of two-story brick building, with one and a half-story frame extension.

Between Main and Ten Eyck streets—One-story frame building and one-story frame stable, with the greater parts of a one-story frame building, a frame shed, one-story and half-story and stable, with part of a one-story frame row, which crosses the street.

Within the lines of Ten Eyck street—Parts of three-story brick factory and of two-story brick rope factory and one-story brick rope factory.

Between Ten Eyck and Meadow streets—One-story frame building, part of one-story frame and sheet-iron building, with one-story brick engine-room extension, south of Meadow street.

The sale will begin with the parcel first named. A plan and description of these buildings and parts of buildings may be seen at the office of the Deputy Commissioner of Highways, Municipal Building, Borough of Brooklyn.

#### TERMS OF SALE.

Cash payment in lawful funds at the time and place of sale, and the entire removal of the buildings or parts of buildings by the purchaser or purchasers within thirty days from the date of sale. If the purchaser or purchasers fails or fail to remove the buildings or parts of buildings within the time specified, he or they shall forfeit his or their purchase money and the ownership of the buildings or parts of buildings purchased.

JAMES E. KEATINGE,

Commissioner of Highways.

### DEPARTMENT OF PARKS.

DEPARTMENT OF PARKS,  
ARSENAL, CENTRAL PARK,  
BOROUGH OF MANHATTAN, CITY OF NEW YORK,  
May 29, 1900.

#### TO CONTRACTORS.

SEALED BIDS OR ESTIMATES, WITH THE title of the work and the name of the bidder or bidders interested thereon, will be received by the Park Board, at its office, Arsenal Building, Sixty-fourth street and Fifth avenue, Central Park, New York City, until 12 o'clock a. m. of

THURSDAY, JUNE 7, 1900.

FOR REGULATING, GRADING, CURBING, CUTTING AND PAVING WITH MACADAM PAVEMENT THE BAY RIDGE PARKWAY IN THE BOROUGH OF BROOKLYN, THE CITY OF NEW YORK, from Fourth avenue to the present Shore Drive.

The plans and specifications for the above work may be seen at the Lincolnfield Mansion, Prospect Park, Borough of Brooklyn.

The Engineer's estimate of the work to be done, which is approximate only, and by which the bids will be tested, is as follows:

1. Stripping and piling surface soil, 15,000 cubic yards.
2. Excavation, 60,000 cubic yards.
3. Macadam pavement (new), 14,500 square yards.
4. Macadam pavement (relaying), 4,500 square yards.
5. Dressing curb, 1,500 linear feet.
6. Taking up, repointing and resetting curb, 1,650 linear feet.
7. Brick pavement in gutters, 1,475 square yards.
8. Cobblestone pavement (relaying), 1,475 square yards.
9. Belgian block gutter (relaying), 900 square yards.
10. Crushed limestone for walks, 300 cubic yards.
11. City inlet basins, 10.
12. Park inlet basins, rock type, 24.
13. Park inlet basins, wood type, 24.
14. Manholes, 44.
15. Nine-inch egg-shaped cement pipe, 2,300 linear feet.
16. Twelve-inch egg-shaped cement pipe, 450 linear feet.
17. Fifteen-inch egg-shaped cement pipe, 1,005 linear feet.
18. Eighteen-inch egg-shaped cement pipe, 200 linear feet.
19. Twenty-four inch egg-shaped cement pipe, 1,400 linear feet.

The time to be allowed for the completion of the entire work will be one hundred and forty (140) consecutive working days.

The damages to be paid by the Contractor for non-completion of the work within the time specified is fixed at Fifty Dollars per day.

The amount of security required is Twenty Thousand Dollars.

Bidders, or their representatives, must satisfy themselves, by personal examination, as to the nature and quantity of the work and materials required, and shall not at any time after the submission of an estimate dispute or complain of such statement, nor assert that there was any misunderstanding relative to the nature or quantity of the work to be done or materials to be furnished.

Each bid or estimate shall contain and state the name and place of residence of each of the persons making the same, the names of all persons interested with him or them therein, and if no other person is so interested, it shall distinctly state that fact; that it is made without any connection with any other person making an estimate for the same purpose, and is in all respects fair and without collusion or fraud, and that no member of the Municipal Assembly, head of a department, clerk or officer of the Corporation, is directly or indirectly interested therein, or in the supplies or work to which it relates, or in any portion of the profits thereof. The bid or estimate must be verified by the oath, in writing, of the party or parties making the estimate, that the several matters stated therein are in all respects true. Where more than one person is interested it is requisite that the verification be made and subscribed by all the parties interested.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, with their respective places of business or residence, to the effect that if the contract is awarded to the person making the estimate, they will, as its being so awarded, become bound as his sureties for its faithful performance, and that if he shall omit or refuse to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled on its completion and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting, the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested. The consent above mentioned shall be accompanied by the oath in affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of this contract, over and above all his debts of every nature and over and above his liabilities as bail, surety or otherwise, and that he has offered himself as a surety in good faith and with the intention to execute the bond required by section 17 of chapter 3 of the Revised Ordinances of the City of New York, if the contract shall be awarded to the person or persons for whom he consents to become surety. The sufficiency and sufficiency of the security offered to be approved by the Comptroller of the City of New York.

No bid or estimate will be received or considered unless accompanied by either a certified check upon one of the State or National banks of the City of New York, drawn to the order of the Comptroller, or money to the amount of five per centum of the estimated value of the security required for the faithful performance of the contract. Such check or money must not be included in the sealed envelope con-

taining the estimate, but must be handed to the officer or clerk of the department who has charge of the estimate, and no estimate can be deposited to said bid until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and retained by the City of New York as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid the amount of his deposit will be returned to him.

N. B.—The prices must be written in the estimate and also stated in figures, and all estimates will be considered as informal which do not contain bids for all items for which bids are herein called, or which contain bids for items for which bids are not herewith called for. Permission will not be given for the withdrawal of any bid or estimate. No bid will be accepted from, or contract awarded to, any person who is in arrears to the Corporation upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

The Park Board reserves the right to reject any or all the bids received in response to this advertisement if it should deem it for the interest of the City so to do.

Blank forms for proposals and information relative thereto can be had at the office of the Park Board, Arsenal, Central Park, or at the Mansion, Prospect Park, Brooklyn.

GEORGE C. CLAUSEN,  
GEORGE V. BROWER,  
AUGUST MOEBUS,

Commissioners of Parks of The City of New York.

### CHANGE OF GRADE DAMAGE COMMISSION. TWENTY-THIRD AND TWENTY-FOURTH WARDS.

PURSUANT TO THE PROVISIONS OF CHAPTER 337 of the Laws of 1895, entitled "An act providing for ascertaining and paying the amount of damages to lands and buildings suffered by reason of changes of grade of streets or avenues, made pursuant to chapter 372 of the Laws of 1897, providing for the 'depression of railroad tracks in the Twenty-third and Twenty-fourth Wards, in The City of New York, or otherwise,' and the acts amendatory thereof and supplemental thereto, notice is hereby given that public meetings of the Commissioners appointed pursuant to said acts, will be held at Room 58, Schermerhorn Building, No. 96 Broadway, in The City of New York, on Monday, Wednesday and Friday of each week, at 2 o'clock p. m., until further notice.

Dated New York, January 5, 1900.

WILLIAM E. STILLINGS,  
CHARLES A. JACKSON,  
OSCAR S. BAILEY,

Commissioners.

LAMONT MCGOUGHIN,  
Clerk.

### SUPREME COURT.

#### FIRST DEPARTMENT.

In the matter of the application of The Mayor, Aldermen and Commonalty of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to the lands, tenements and hereditaments required for the purpose of opening EAST ONE HUNDRED AND SIXTY-EIGHTH STREET (although not yet named by proper authority), from Boston road to Prospect avenue, as the same has been heretofore laid out and designated as a first-class street or road, in the Twenty-third Ward of The City of New York.

WE, THE UNDERSIGNED, COMMISSIONERS of Estimate and Assessment in the above-entitled matter, hereby give notice to all persons interested in this proceeding, and to the owner or owners, occupant or occupants, of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That we have completed our estimate and assessment, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments affected thereby, and having objections thereto, do present their said objections in writing, duly verified, to us at our office, Nos. 90 and 92 West Broadway, in the Borough of Manhattan, in The City of New York, on or before the 15th day of June, 1900, and that we, the said Commissioners, will hear parties so objecting, and for that purpose will be in attendance at our said office on the 15th day of June, 1900, at 3 o'clock p. m.

Second—That the abstract of our said estimate and assessment, together with our damage and benefit maps, and also all the affidavits, estimates, proofs and other documents used by us in making our report, have been deposited in the Bureau of Street Openings in the Law Department of The City of New York, Nos. 90 and 92 West Broadway, in the Borough of Manhattan, in said City, there to remain until the 25th day of June, 1900.

Third—That the limits of our assessment for benefit include all those lands, tenements and hereditaments and premises situated, lying and being in the Borough of The Bronx, in The City of New York, which, taken together, are bounded and described as follows, viz.: Beginning at a point formed by the intersection of the middle line of the block between East One Hundred and Sixty-eighth street and East One Hundred and Sixty-ninth street, with the middle line of the block between Fulton avenue and Franklin avenue; thence easterly along said middle line of the block between East One Hundred and Sixty-eighth street and East One Hundred and Sixty-ninth street to its intersection with the middle line of the block between Union avenue and Union avenue; thence northerly along said middle line of the block between Union avenue and Union avenue to its intersection with a line drawn parallel to the northerly side of East One Hundred and Sixty-ninth street and distant 100 feet northerly therefrom; thence easterly along said parallel line to its intersection with a line drawn parallel to the easterly side of Hudson avenue and distant 100 feet easterly therefrom; thence southerly along said parallel line to its intersection with a line drawn parallel to the southerly side of Home street and distant 100 feet southerly therefrom; thence westerly along said parallel line to its intersection with the middle line of the block between Union avenue and Union avenue; thence northerly along said middle line of the block between Union avenue and Union avenue to its intersection with the middle line of the block between Home street and East One Hundred and Sixty-eighth street; thence westerly along said middle line of the block between Home street and East One Hundred and Sixty-eighth street and said middle line produced westerly to its intersection with the westerly side of Boston road; thence southerly along said westerly side of Boston road to its intersection with the middle line of the block between East One Hundred and Sixty-seventh street and East One Hundred and Sixty-eighth street; thence westerly along said middle line of the block between East One Hundred and Sixty-seventh street and East One Hundred and Sixty-eighth street and said middle line produced westerly to its intersection with the middle line of the block between Fulton avenue and Franklin avenue; thence northerly along said middle line of the block between Fulton avenue and Franklin avenue to the point or place of beginning; excepting from said area all streets, avenues and roads or portions thereof heretofore legally opened as such area is shown upon our benefit maps deposited as aforesaid.

Fourth—That our report herein will be presented to the Supreme Court of the State of New York, First

Department, at a Special Term thereof, Part III, to be held in the County Court-house, in the Borough of Manhattan, in The City of New York, on the 15th day of June, 1900, at the opening of the Court on that day, and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Dated Borough of Manhattan, New York, April 26, 1900.

DANIEL O'CONNELL, Chairman.  
HENRY ALLEN,  
C. F. ULRICH,

Commissioners.

JOHN P. DUNN,  
Clerk.

#### SECOND JUDICIAL DISTRICT.

In the matter of the application and petition of Michael T. Daly, as Commissioner of Public Works of The City of New York, under and in pursuance of chapter 189 of the Laws of 1893, and the laws amendatory thereof, on behalf of the Mayor, Aldermen and Commonalty of The City of New York, for the appointment of Commissioners of Appraisal under said acts.

THIRD SEPARATE REPORT—BROWNE'S FIRST SHOVEL-MENTAL PROCEEDING.

PUBLIC NOTICE IS HEREBY GIVEN THAT the Third Separate Report of Edward Wright, Albert T. Bally and John J. Walsh, Commissioners of Appraisal in the above-entitled matter, was filed in the office of the County Clerk of the County of Westchester, at White Plains, on the 27th day of April, 1900, and a certified copy thereof was filed in the Clerk's office of the County of Putnam, at Carmel, in said County, on the 28th day of April, 1900.

Notice is further given that the said report includes and affects the parcels designated as Parcels Nos. 149, 150, and damages to contiguous property.

Notice is further given that an application will be made at a Special Term of the Supreme Court of the State of New York, to be held in and for the Second Judicial District, in the Court-house, in the Village of White Plains, Westchester County, New York, on the 16th day of June, 1900, at 10 o'clock in the forenoon of that day, or as soon thereafter as counsel can be heard, for an order confirming said report, and for such other relief as may be just.

Dated the 27th day of May, 1900.

JOHN WHALEN,

Corporation Counsel,

City of New York,

Office and Post Office address,

No. 3 Tryon Row.

#### FIRST DEPARTMENT.

In the matter of the application of The Mayor, Aldermen and Commonalty of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to the lands, tenements and hereditaments required for the purpose of opening and extending HUGHES AVENUE (although not yet named by proper authority), from Fremont avenue to the land of the St. John's College, as the same has been heretofore laid out and designated as a first-class street or road, in the Twenty-fourth Ward of The City of New York.

WE, THE UNDERSIGNED, COMMISSIONERS of Estimate and Assessment in the above-entitled matter, hereby give notice to all persons interested in this proceeding, and to the owner or owners, occupant or occupants of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That we have completed our estimate and assessment, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments affected thereby, and having objections thereto, do present their said objections in writing, duly verified, to us at our office, Nos. 90 and 92 West Broadway, in the Borough of Manhattan, in The City of New York, on or before the 15th day of June, 1900, and that we, the said Commissioners, will hear parties so objecting, and for that purpose will be in attendance at our said office on the 15th day of June, 1900, at 3 o'clock a. m.

Second—That the abstract of our said estimate and assessment, together with our damage and benefit maps, and also all the affidavits, estimates, proofs and other documents used by us in making our report, have been deposited in the Bureau of Street Openings in the Law Department of The City of New York, Nos. 90 and 92 West Broadway, in the Borough of Manhattan, in said City, there to remain until the 25th day of June, 1900.

Third—That the limits of our assessment for benefit include all those lands, tenements and hereditaments and premises situated, lying and being in the Borough of The Bronx, in The City of New York, which, taken together, are bounded and described as follows, viz.: Beginning at a point formed by the intersection of the middle line of the block between East One Hundred and Seventy-fifth street and East One Hundred and Seventy-sixth street, with the prolongation southerly of a line drawn parallel to the westerly side of Belmont avenue and distant 100 feet westerly therefrom; thence northerly along said prolongation and parallel line to its intersection with a line drawn parallel to the southerly side of East One Hundred and Seventy-seventh street or Tremont avenue and distant 100 feet northerly therefrom; thence easterly along said parallel line to its intersection with the prolongation southerly of the middle line of the block between Hughes avenue and Arthur avenue; thence northerly along said prolongation and middle line of the block to its intersection with a line drawn parallel to the northerly side of East One Hundred and Eighty-second street or Kingsbridge road and distant 100 feet northerly therefrom; thence easterly along said parallel line to its intersection with a line drawn parallel to the westerly side of Hughes avenue and distant 100 feet westerly therefrom; thence northerly along said parallel line to its intersection with a line drawn parallel to the southerly side of Crescent avenue and distant 100 feet southerly therefrom; thence westerly along said parallel line to the easterly side of Adams place to the southerly side of Crescent avenue; thence on a straight line to a point formed by the intersection of a line drawn parallel to the westerly side of Hughes avenue and distant 100 feet westerly therefrom with the northerly side of Crescent avenue; thence northerly along said line drawn parallel to the westerly side of Hughes avenue and distant 100 feet westerly therefrom to its intersection with a line drawn parallel to the westerly side of Hughes avenue and distant 100 feet westerly therefrom and said parallel line produced westerly to its intersection with a line drawn parallel to the southerly side of Belmont avenue and distant 100 feet northerly therefrom; thence southerly along said parallel line to its intersection with the prolongation northerly of a line drawn parallel to the easterly side of Hughes avenue and distant 100 feet easterly therefrom; thence southerly along said parallel line to its intersection with the southerly side of William street; thence easterly along said southerly side of William street to the westerly side of Belmont avenue; thence southerly along said westerly side of Belmont avenue to the northerly side of Crescent avenue; thence on a straight line to a point formed by the intersection of a line drawn parallel to the westerly side of Hughes avenue and distant 100 feet easterly therefrom with the southerly side of Crescent avenue; thence southerly along said parallel line to its intersection with a line drawn parallel to the northerly side of East One Hundred and Eighty-second street or Kingsbridge road and distant 100 feet northerly therefrom; thence southerly along said parallel line to its intersection with the westerly side of Belmont avenue; thence southerly along the westerly side of Belmont avenue to its intersection with the northerly side of East One Hundred and Eighty-second street or Kingsbridge road; thence on a straight line to the corner formed by the intersection of the southerly side of East

One Hundred and Eighty-second street or Kingsbridge road with the westerly side of Belmont avenue; thence southerly along the westerly side of Belmont avenue to the northerly side of Tremont avenue or East One Hundred and Seventy-seventh street; thence southerly to a point formed by the intersection of a line drawn parallel to the easterly side of Belmont avenue and distant 100 feet easterly therefrom with the southerly side of Tremont avenue or East One Hundred and Seventy-seventh street; thence southerly along said line drawn parallel to the easterly side of Belmont avenue and distant 100 feet easterly therefrom and said parallel line produced southerly to its intersection with the middle line of the block between East One Hundred and Seventy-fifth and East One Hundred and Seventy-sixth streets; thence westerly along said middle line of the block between East One Hundred and Seventy-fifth street and East One Hundred and Seventy-sixth street to the point or place of beginning, as such streets are shown upon the Final Maps and Profiles of the Twenty-third and Twenty-fourth Wards of The City of New York, excepting from said area all streets, avenues and roads or portions thereof heretofore legally opened as such area is shown upon our benefit maps deposited as aforesaid.

Fourth—That our report herein will be presented to the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part III, to be held in the County Court-house, in the Borough of Manhattan, in The City of New York, on the 15th day of June, 1900, at the opening of the Court on that day, and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Dated Borough of Manhattan, New York City, April 26, 1900.

JAMES W. HAWES, Chairman,  
JOHN DE WITT WARNER,  
WM. F. HULL,

Commissioners.

JOHN P. DUNN,  
Clerk.

#### SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to the lands and premises required for the opening and extending of "CRESCENT" (although not yet named by proper authority), from Hunter avenue to Winthrop avenue, in the First Ward, Borough of Queens, of The City of New York.

NOTICE IS HEREBY GIVEN THAT WE, THE undersigned, were appointed by an order of the Supreme Court, Second Department, bearing date the 10th day of March, 1900, and duly entered in the office of the Clerk of the County of Queens, at his office in Jamaica, in the Borough of Queens, City of New York, on the 15th day of April, 1900, a copy of which order was duly filed for indexing in the office of the Clerk of the County of Queens, Commissioners of Estimate and Assessment for the purpose of making a just and equitable estimate and assessment of the loss and damage, if any, or of the benefit and advantage, if any, as the case may be, to the respective owners, lessors, parties and persons respectively entitled unto or interested in the lands, tenements, hereditaments and premises required for the purpose of opening and extending the above-mentioned street or avenue, the same being particularly set forth and described in the petition of The City of New York, and also in the notice of the application for the said order thereto attached, filed herein in the office of the Clerk of the County of Queens on the 15th day of April, 1900, and a just and equitable estimate and assessment of the value of the benefit and advantage of said street or avenue so to be opened or laid out and formed, to the respective owners, lessors, parties and persons respectively entitled unto or interested in the said respective lands, tenements, hereditaments and premises required for the purpose of opening, laying out and forming the same, but benefited thereby, and of ascertaining and defining the extent and boundaries of the respective tracts or parcels of land to be taken or to be assessed therefor, and of performing the trusts and duties required of us by chapter 17, title 4 of the Greater New York Charter, and the acts or parts of acts supplementary thereto or amendatory thereof.

All parties and persons interested in the real estate taken or to be taken for the purpose of opening the said street or avenue, or affected thereby, and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to us, the undersigned Commissioners of Estimate and Assessment, at our office, ninth floor, Nos. 90 and 92 West Broadway, Borough of Manhattan, in The City of New York, with such affidavits or other proofs as the said owners or claimants may desire, within twenty days after the date of this notice.

And we, the said Commissioners, will be in attendance at our said office on the 15th day of June, 1900, at 12 o'clock in the forenoon of that day, to hear the said parties and persons in relation thereto. And at such time and place, and at such further or other time and place as we may appoint, we will hear such owners in relation thereto and examine the proofs of such claimants or claimants, or such additional proofs and allegations as may then be offered by such owner, or on behalf of The City of New York.

Dated Bureau of Street Openings, Law Department, Borough of Manhattan, New York City, May 25, 1900.

JAMES INGRAM,  
HARRY T. WEEKS,  
GEORGE J. RYAN,

Commissioners.

JOHN P. DUNN,  
Clerk.

#### FIRST DEPARTMENT.

In the matter of the application of The Mayor, Aldermen and Commonalty of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to the lands, tenements and hereditaments required for the purpose of opening EAST ONE HUNDRED AND EIGHTY-NINTH STREET (although not yet named by proper authority), from Webster avenue to Third avenue (under chapter 214 of the Laws of 1897), as the same has been heretofore laid out and designated as a first-class street or road in the Twenty-fourth Ward of The City of New York.

WE, THE UNDERSIGNED, COMMISSIONERS of Estimate and Assessment in the above-entitled matter, hereby give notice to all persons interested in this proceeding, and to the owner or owners, occupant or occupants, of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That we have completed our estimate and assessment, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments affected thereby, and having objections thereto, do present their said objections in writing, duly verified, to us at our office, Nos. 90 and 92 West Broadway, in the Borough of Manhattan, in The City of New York, on or before the 15th day of June, 1900, and that we, the said Commissioners, will hear parties so objecting, and for that purpose will be in attendance at our said office on the 15th day of June, 1900, at 3 o'clock p. m.

Second—That the abstract of our said estimate and assessment, together with our damage and benefit maps, and also all the affidavits, estimates, proofs and other documents used by us in making our report have been deposited in the Bureau of Street Openings of the Law Department of The City of New York, Nos. 90 and 92 West Broadway, in the Borough of Manhattan, in said City, there to remain until the 25th day of June, 1900.







## SECOND DEPARTMENT.

In the matter of the application of The City of New York relative to acquiring title, wherever the same has not been heretofore acquired, to the lands and premises required for the opening and extending of JACK-WOOD STREET (although not yet named by proper authority), from Fagmar avenue to Grand avenue, in the First Ward, Borough of Queens, of The City of New York.

**NOTICE IS HEREBY GIVEN THAT WE, THE** undersigned, were appointed by an order of the Supreme Court, Second Department, bearing date the 30th day of March, 1900, and duly entered in the office of the Clerk of the County of Queens, City of New York, on the 18th day of April, 1900, a copy of which order was duly filed for indexing in the office of the Clerk of the County of Queens, Commissioners of Estimate and Assessment, for the purpose of making a just and equitable estimate and assessment of the loss and damage, if any, or of the benefit and advantage, if any, as the case may be, to the respective owners, lessors, parties and persons respectively entitled to or interested in the lands, tenements, hereditaments and premises required for the purpose by and in consequence of opening the above-mentioned street or avenue, the same being particularly set forth and described in the petition of The City of New York, and also in the notice of the application for the said order thereto attached, filed herein in the office of the Clerk of the County of Queens on the 18th day of April, 1900; and a just and equitable estimate and assessment of the value of the benefit and advantage of said street or avenue so to be opened or laid out and formed, to the respective owners, lessors, parties and persons respectively entitled to or interested in the said respective lands, tenements, hereditaments and premises not required for the purpose of opening, laying out and forming the same, but benefited thereby, and of ascertaining and defining the extent and boundaries of the respective tracts or parcels of land to be taken or to be assessed therefor, and of performing the trusts and duties required of us by chapter 17, title 4 of the Greater New York Charter, and the acts or parts of acts supplementary thereto or amendatory thereof.

All parties and persons interested in the real estate taken or to be taken for the purpose of opening the said street or avenue, or affected thereby, and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to us, the undersigned Commissioners of Estimate and Assessment, at our office, ninth floor, Nos. 90 and 92 West Broadway, Borough of Manhattan, in The City of New York, with such affidavits or other proofs as the said owners or claimants may desire, within twenty days after the date of this notice.

And we, the said Commissioners, will be in attendance at our said office on the 14th day of June, 1900, at 11 o'clock in the forenoon of that day, to hear the said parties and persons in relation thereto. And at such time and place, and at such further or other time and place as we may appoint, we will hear such owners in relation thereto and examine the proofs of such claimants or claimants, or such additional proofs and allegations as may then be offered by such owner, or on behalf of The City of New York.

Dated BUREAU OF STREET OPENINGS, LAW DEPARTMENT, BOROUGH OF MANHATTAN, NEW YORK CITY, May 16, 1900.

WILLIAM GIBSON,  
DAVID HETHERINGTON,  
LUKE A. KEENAN,  
Commissioners.

JOHN P. DUNN,  
Clerk.

## SECOND DEPARTMENT.

In the matter of the application of The City of New York relative to acquiring title to the lands, tenements and hereditaments required for the purpose of opening EAST THIRTY-SECOND STREET, from Church avenue to Avenue C, in the Twenty-ninth Ward, in the Borough of Brooklyn, The City of New York.

**NOTICE IS HEREBY GIVEN THAT WE, THE** undersigned, were appointed by an order of the Supreme Court, Second Department, bearing date the 30th day of March, 1900, and duly entered in the office of the Clerk of the County of Queens, City of New York, on the 18th day of April, 1900, a copy of which order was duly filed for indexing in the office of the Clerk of the County of Queens, Commissioners of Estimate and Assessment, for the purpose of making a just and equitable estimate and assessment of the loss and damage, if any, or of the benefit and advantage, if any, as the case may be, to the respective owners, lessors, parties and persons respectively entitled to or interested in the lands, tenements, hereditaments and premises required for the purpose by and in consequence of opening the above-mentioned street or avenue, the same being particularly set forth and described in the petition of The City of New York, and also in the notice of the application for the said order thereto attached, filed herein in the office of the Clerk of the County of Queens, on the 18th day of April, 1900; and a just and equitable estimate and assessment of the value of the benefit and advantage of said street or avenue so to be opened or laid out and formed, to the respective owners, lessors, parties and persons respectively entitled to or interested in the said respective lands, tenements, hereditaments and premises not required for the purpose of opening, laying out and forming the same, but benefited thereby, and of ascertaining and defining the extent and boundaries of the respective tracts or parcels of land to be taken or to be assessed therefor, and of performing the trusts and duties required of us by law.

All parties and persons interested in the real estate taken or to be taken for the purpose of opening the said street or avenue, or affected thereby, and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to us, the undersigned Commissioners of Estimate and Assessment, at our office, ninth floor, Nos. 90 and 92 West Broadway, Borough of Manhattan, in The City of New York, with such affidavits or other proofs as the said owners or claimants may desire, within twenty days after the date of this notice.

And we, the said Commissioners, will be in attendance at our said office on the 14th day of June, 1900, at 11 o'clock in the forenoon of that day, to hear the said parties and persons in relation thereto; and at such time and place, and at such further or other time and place as we may appoint, we will hear such owners in relation thereto and examine the proofs of such claimants or claimants, or such additional proofs and allegations as may then be offered by such owner, or on behalf of The City of New York.

Dated BUREAU OF STREET OPENINGS, CITY OF NEW YORK, May 16, 1900.

THOMAS F. SMITH,  
JOHN W. CAREWATER,  
SEWARD SHANAHAN,  
Commissioners.

M. E. FROSTMAN,  
Clerk.

## SECOND DEPARTMENT.

In the matter of the application of The City of New York relative to acquiring title, wherever the same has not been heretofore acquired, to the lands and premises required for the opening and extending of ACADEMY STREET (although not yet named by proper authority), from Hunter avenue to Grand avenue, in the First Ward, Borough of Queens, of The City of New York.

**NOTICE IS HEREBY GIVEN THAT WE, THE** undersigned, were appointed by an order of the Supreme Court, Second Department, bearing date the 30th day of March, 1900, and duly entered in the office of the Clerk of the County of Queens, City of New York, on the 18th day of April, 1900, a copy of which order was duly filed for indexing in the office of the Clerk of the County of Queens, Commissioners of Estimate and Assessment, for the purpose of making a just

and equitable estimate and assessment of the loss and damage, if any, or of the benefit and advantage, if any, as the case may be, to the respective owners, lessors, parties and persons respectively entitled to or interested in the lands, tenements, hereditaments and premises required for the purpose by and in consequence of opening the above-mentioned street or avenue, the same being particularly set forth and described in the petition of The City of New York, and also in the notice of the application for the said order thereto attached, filed herein in the office of the Clerk of the County of Queens, on the 18th day of April, 1900; and a just and equitable estimate and assessment of the value of the benefit and advantage of said street or avenue so to be opened or laid out and formed, to the respective owners, lessors, parties and persons respectively entitled to or interested in the said respective lands, tenements, hereditaments and premises not required for the purpose of opening, laying out and forming the same, but benefited thereby, and of ascertaining and defining the extent and boundaries of the respective tracts or parcels of land to be taken or to be assessed therefor, and of performing the trusts and duties required of us by chapter 17, title 4 of the Greater New York Charter, and the acts or parts of acts supplementary thereto or amendatory thereof.

All parties and persons interested in the real estate taken or to be taken for the purpose of opening the said street or avenue, or affected thereby, and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to us, the undersigned Commissioners of Estimate and Assessment, at our office, ninth floor, Nos. 90 and 92 West Broadway, Borough of Manhattan, in The City of New York, with such affidavits or other proofs as the said owners or claimants may desire, within twenty days after the date of this notice.

And we, the said Commissioners, will be in attendance at our said office on the 14th day of June, 1900, at 11 o'clock in the forenoon of that day, to hear the said parties and persons in relation thereto. And at such time and place, and at such further or other time and place as we may appoint, we will hear such owners in relation thereto and examine the proofs of such claimants or claimants, or such additional proofs and allegations as may then be offered by such owner, or on behalf of The City of New York.

Dated BUREAU OF STREET OPENINGS, LAW DEPARTMENT, BOROUGH OF MANHATTAN, NEW YORK CITY, May 17, 1900.

WALTER C. FOSTER,  
WILLIAM E. STEWART,  
W. L. WOODHILL,  
Commissioners.

JOHN P. DUNN,  
Clerk.

## SECOND DEPARTMENT.

In the matter of the application of The City of New York relative to acquiring title, wherever the same has not been heretofore acquired, to the lands and premises required for the opening and extending of POTTER AVENUE (although not yet named by proper authority), from East river to Chansey street, and from Rappelle avenue to Flushing avenue, in the First Ward, Borough of Queens, of The City of New York.

**NOTICE IS HEREBY GIVEN THAT WE, THE** undersigned, were appointed by an order of the Supreme Court, Second Department, bearing date the 30th day of March, 1900, and duly entered in the office of the Clerk of the County of Queens, City of New York, on the 18th day of April, 1900, a copy of which order was duly filed for indexing in the office of the Clerk of the County of Queens, Commissioners of Estimate and Assessment, for the purpose of making a just and equitable estimate and assessment of the loss and damage, if any, or of the benefit and advantage, if any, as the case may be, to the respective owners, lessors, parties and persons respectively entitled to or interested in the lands, tenements, hereditaments and premises required for the purpose by and in consequence of opening the above-mentioned street or avenue, the same being particularly set forth and described in the petition of The City of New York, and also in the notice of the application for the said order thereto attached, filed herein in the office of the Clerk of the County of Queens, on the 18th day of April, 1900; and a just and equitable estimate and assessment of the value of the benefit and advantage of said street or avenue so to be opened or laid out and formed, to the respective owners, lessors, parties and persons respectively entitled to or interested in the said respective lands, tenements, hereditaments and premises not required for the purpose of opening, laying out and forming the same, but benefited thereby, and of ascertaining and defining the extent and boundaries of the respective tracts or parcels of land to be taken or to be assessed therefor, and of performing the trusts and duties required of us by chapter 17, title 4 of the Greater New York Charter, and the acts or parts of acts supplementary thereto or amendatory thereof.

All parties and persons interested in the real estate taken or to be taken for the purpose of opening the said street or avenue, or affected thereby, and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to us, the undersigned Commissioners of Estimate and Assessment, at our office, ninth floor, Nos. 90 and 92 West Broadway, Borough of Manhattan, in The City of New York, with such affidavits or other proofs as the said owners or claimants may desire, within twenty days after the date of this notice.

And we, the said Commissioners, will be in attendance at our said office on the 14th day of June, 1900, at 11 o'clock in the forenoon of that day, to hear the said parties and persons in relation thereto. And at such time and place, and at such further or other time and place as we may appoint, we will hear such owners in relation thereto and examine the proofs of such claimants or claimants, or such additional proofs and allegations as may then be offered by such owner, or on behalf of The City of New York.

Dated BUREAU OF STREET OPENINGS, LAW DEPARTMENT, BOROUGH OF MANHATTAN, NEW YORK CITY, May 17, 1900.

W. J. FOSTER,  
W. L. SMITH,  
WILLIAM E. STEWART,  
Commissioners.

JOHN P. DUNN,  
Clerk.

## SECOND DEPARTMENT.

In the matter of the application of The City of New York relative to acquiring title, wherever the same has not been heretofore acquired, to the lands and premises required for the opening and extending of JAMAICA AVENUE (although not yet named by proper authority), from Old Bowers Bay road to East river, in the First Ward, Borough of Queens, of The City of New York.

**NOTICE IS HEREBY GIVEN THAT WE, THE** undersigned, were appointed by an order of the Supreme Court, Second Department, bearing date the 30th day of March, 1900, and duly entered in the office of the Clerk of the County of Queens, City of New York, on the 18th day of April, 1900, a copy of which order was duly filed for indexing in the office of the Clerk of the County of Queens, Commissioners of Estimate and Assessment, for the purpose of making a just

and equitable estimate and assessment of the loss and damage, if any, or of the benefit and advantage, if any, as the case may be, to the respective owners, lessors, parties and persons respectively entitled to or interested in the lands, tenements, hereditaments and premises required for the purpose by and in consequence of opening the above-mentioned street or avenue, the same being particularly set forth and described in the petition of The City of New York, and also in the notice of the application for the said order thereto attached, filed herein in the office of the Clerk of the County of Queens, on the 18th day of April, 1900; and a just and equitable estimate and assessment of the value of the benefit and advantage of said street or avenue so to be opened or laid out and formed, to the respective owners, lessors, parties and persons respectively entitled to or interested in the said respective lands, tenements, hereditaments and premises not required for the purpose of opening, laying out and forming the same, but benefited thereby, and of ascertaining and defining the extent and boundaries of the respective tracts or parcels of land to be taken or to be assessed therefor, and of performing the trusts and duties required of us by chapter 17, title 4 of the Greater New York Charter, and the acts or parts of acts supplementary thereto or amendatory thereof.

All parties and persons interested in the real estate taken or to be taken for the purpose of opening the said street or avenue, or affected thereby, and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to us, the undersigned Commissioners of Estimate and Assessment, at our office, ninth floor, Nos. 90 and 92 West Broadway, Borough of Manhattan, in The City of New York, with such affidavits or other proofs as the said owners or claimants may desire, within twenty days after the date of this notice.

And we, the said Commissioners, will be in attendance at our said office on the 14th day of June, 1900, at 11 o'clock in the forenoon of that day, to hear the said parties and persons in relation thereto. And at such time and place, and at such further or other time and place as we may appoint, we will hear such owners in relation thereto and examine the proofs of such claimants or claimants, or such additional proofs and allegations as may then be offered by such owner, or on behalf of The City of New York.

Dated BUREAU OF STREET OPENINGS, LAW DEPARTMENT, BOROUGH OF MANHATTAN, NEW YORK CITY, May 17, 1900.

WILLIAM E. STEWART,  
JAMES WHITE,  
H. W. SHARKEY,  
Commissioners.

JOHN P. DUNN,  
Clerk.

## SECOND DEPARTMENT.

In the matter of the application of The City of New York relative to acquiring title, wherever the same has not been heretofore acquired, to the lands and premises required for the opening and extending of WEBSTER AVENUE (although not yet named by proper authority), from the East river to Jackson avenue, in the First Ward, Borough of Queens, of The City of New York.

**NOTICE IS HEREBY GIVEN THAT WE, THE** undersigned, were appointed by an order of the Supreme Court, Second Department, bearing date the 30th day of March, 1900, and duly entered in the office of the Clerk of the County of Queens, City of New York, on the 18th day of April, 1900, a copy of which order was duly filed for indexing in the office of the Clerk of the County of Queens, Commissioners of Estimate and Assessment, for the purpose of making a just and equitable estimate and assessment of the loss and damage, if any, or of the benefit and advantage, if any, as the case may be, to the respective owners, lessors, parties and persons respectively entitled to or interested in the lands, tenements, hereditaments and premises required for the purpose by and in consequence of opening the above-mentioned street or avenue, the same being particularly set forth and described in the petition of The City of New York, and also in the notice of the application for the said order thereto attached, filed herein in the office of the Clerk of the County of Queens, on the 18th day of April, 1900; and a just and equitable estimate and assessment of the value of the benefit and advantage of said street or avenue so to be opened or laid out and formed, to the respective owners, lessors, parties and persons respectively entitled to or interested in the said respective lands, tenements, hereditaments and premises not required for the purpose of opening, laying out and forming the same, but benefited thereby, and of ascertaining and defining the extent and boundaries of the respective tracts or parcels of land to be taken or to be assessed therefor, and of performing the trusts and duties required of us by chapter 17, title 4 of the Greater New York Charter, and the acts or parts of acts supplementary thereto or amendatory thereof.

All parties and persons interested in the real estate taken or to be taken for the purpose of opening the said street or avenue, or affected thereby, and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to us, the undersigned Commissioners of Estimate and Assessment, at our office, ninth floor, Nos. 90 and 92 West Broadway, Borough of Manhattan, in The City of New York, with such affidavits or other proofs as the said owners or claimants may desire, within twenty days after the date of this notice.

And we, the said Commissioners, will be in attendance at our said office on the 14th day of June, 1900, at 11 o'clock in the forenoon of that day, to hear the said parties and persons in relation thereto. And at such time and place, and at such further or other time and place as we may appoint, we will hear such owners in relation thereto and examine the proofs of such claimants or claimants, or such additional proofs and allegations as may then be offered by such owner or on behalf of The City of New York.

Dated BUREAU OF STREET OPENINGS, LAW DEPARTMENT, BOROUGH OF MANHATTAN, NEW YORK CITY, May 17, 1900.

GEO. H. SMITH,  
R. L. HANNIGAN,  
W. L. WOODHILL,  
Commissioners.

JOHN P. DUNN,  
Clerk.

## SECOND DEPARTMENT.

In the matter of the application of The City of New York relative to acquiring title, wherever the same has not been heretofore acquired, to the lands and premises required for the opening and extending of BLACKWELL STREET (although not yet named by proper authority), from Broadway to Woolsey avenue, in the First Ward, Borough of Queens, of The City of New York.

**NOTICE IS HEREBY GIVEN THAT WE, THE** undersigned, were appointed by an order of the Supreme Court, Second Department, bearing date the 30th day of March, 1900, and duly entered in the office of the Clerk of the County of Queens, City of New York, on the 18th day of April, 1900, a copy of which order was duly filed for indexing in the office of the Clerk of the County of Queens, Commissioners of Estimate and Assessment, for the purpose of making a just and equitable estimate and assessment of the loss and damage, if any, or of the benefit and advantage, if any, as the case may be, to the respective owners, lessors, parties and persons respectively entitled to or interested in the lands, tenements, hereditaments and premises required for the purpose by and in consequence of opening the above-mentioned street or avenue, the same being particularly set forth and

described in the petition of The City of New York, and also in the notice of the application for the said order thereto attached, filed herein in the office of the Clerk of the County of Queens, on the 18th day of April, 1900; and a just and equitable estimate and assessment of the value of the benefit and advantage of said street or avenue so to be opened or laid out and formed, to the respective owners, lessors, parties and persons respectively entitled to or interested in the said respective lands, tenements, hereditaments and premises not required for the purpose of opening, laying out and forming the same, but benefited thereby, and of ascertaining and defining the extent and boundaries of the respective tracts or parcels of land to be taken or to be assessed therefor, and of performing the trusts and duties required of us by chapter 17, title 4 of the Greater New York Charter, and the acts or parts of acts supplementary thereto or amendatory thereof.

All parties and persons interested in the real estate taken or to be taken for the purpose of opening the said street or avenue, or affected thereby, and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to us, the undersigned Commissioners of Estimate and Assessment, at our office, ninth floor, Nos. 90 and 92 West Broadway, Borough of Manhattan, in The City of New York, with such affidavits or other proofs as the said owners or claimants may desire, within twenty days after the date of this notice.

And we, the said Commissioners, will be in attendance at our said office on the 14th day of June, 1900, at 11 o'clock in the forenoon of that day, to hear the said parties and persons in relation thereto. And at such time and place, and at such further or other time and place as we may appoint, we will hear such owners in relation thereto and examine the proofs of such claimants or claimants, or such additional proofs and allegations as may then be offered by such owner, or on behalf of The City of New York.

Dated BUREAU OF STREET OPENINGS, LAW DEPARTMENT, BOROUGH OF MANHATTAN, NEW YORK CITY, May 17, 1900.

WALTER C. FOSTER,  
JULIUS BLOCKWYN,  
RICHARD COOK,  
Commissioners.

JOHN P. DUNN,  
Clerk.

## FIRST DEPARTMENT.

In the matter of the application of The Mayor, Aldermen and Commonality of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to the lands, tenements and hereditaments, required for the purpose of opening EAST ONE HUNDRED AND SIXTY-SECOND STREET (although not yet named by proper authority), from the (Concourse to Sheridan avenue, and from Sherman avenue to Morris avenue, as the same has been heretofore laid out and designated as a first class street or road, in the Twenty-third Ward of The City of New York.

**WE, THE UNDERSIGNED, COMMISSIONERS** of Estimate and Assessment in the above-entitled matter, hereby give notice to all persons interested in this proceeding, and to the owner or owners, occupant or occupants of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern to wit:

First.—That we have completed our estimate of assessment for benefit, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, and having objections thereto, do present their said objections in writing, duly verified, to us at our office, Nos. 90 and 92 West Broadway, in the Borough of Manhattan, in The City of New York, on or before the 14th day of June, 1900, and that we, the said Commissioners, will hear parties as objecting, and for that purpose will be in attendance at our said office on the 14th day of June, 1900, at 11 o'clock, A. M.

Second.—That the abstract of our said assessment, together with our estimate of damage, the limits of our assessment for benefit include all those lands, tenements and hereditaments and premises situated, lying and being in the Borough of The Bronx, in The City of New York, which, taken together, are bounded and described as follows, to-wit: Beginning at a point formed by the intersection of the middle line of the block between Sherman avenue and Sheridan avenue, with the northwesterly side of East One Hundred and Sixty-first street; running thence northwesterly along said northwesterly side of East One Hundred and Sixty-first street to the southeasterly side of the Grand Boulevard and Concourse; thence northwesterly along said northwesterly side of the Grand Boulevard and Concourse to the southeasterly side of East One Hundred and Sixty-third street; thence southeasterly along said southeasterly side of East One Hundred and Sixty-third street to the middle line of the block between Sherman avenue and Sheridan avenue; thence southeasterly along said middle line of the block to its intersection with the northwesterly prolongation of a line drawn parallel to the northwesterly side of East One Hundred and Sixty-second street and distant one foot northwesterly therefrom; thence southeasterly along said northwesterly prolongation and parallel line to the northwesterly side of Park avenue (formerly Railroad avenue, West) to its intersection with the southeasterly prolongation of a line drawn parallel to the northwesterly side of East One Hundred and Sixty-second street and distant one foot southeasterly therefrom; thence northwesterly along said southeasterly prolongation and parallel line and its prolongation northwesterly to the middle line of the block between Sherman avenue and Sheridan avenue; thence southeasterly along said middle line of the block to the point or place of beginning, as such streets are shown upon the Final Maps and Profiles of the Twenty-third and Twenty-fourth Wards of The City of New York, excepting from said area all streets, avenues and roads or portions thereof heretofore legally opened as such area is shown upon our benefit maps deposited as aforesaid.

Fourth.—That our last partial and separate report hereto will be presented in the Supreme Court of the State of New York, First Department, at a Special Term thereof, Fort III, to be held in the County Court-house, in the Borough of Manhattan, in The City of New York, on the next day of June, 1900, at the opening of the Court on that day, and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Dated BUREAU OF MANHATTAN, NEW YORK, May 17, 1900.

ELLIS E. WARING, Chairman,  
JAMES E. MAHON,  
T. J. CARLETON, Jr.,  
Commissioners.

JOHN P. DUNN,  
Clerk.

## SECOND DEPARTMENT.

In the matter of the application of The City of New York relative to acquiring title, wherever the same has not been heretofore acquired, to the lands and premises required for the opening and extending of BLACKWELL STREET (although not yet named by proper authority), from Broadway to Graham avenue, in the First Ward, Borough of Queens, of The City of New York.



**NOTICE IS HEREBY GIVEN THAT WE, THE** undersigned, were appointed by an order of the Supreme Court, Second Department, bearing date the 26th day of March, 1900, and duly entered in the office of the Clerk of the County of Queens, at his office in Jamaica, in the Borough of Queens, City of New York, on the 15th day of April, 1900, a copy of which order was duly filed for indexing in the office of the Clerk of the County of Queens, Commissioners of Estimate and Assessment, for the purpose of making a just and equitable estimate and assessment of the loss and damage, if any, or of the benefit and advantage, if any, to the case may be, to the respective owners, lessors, parties and persons respectively entitled unto or interested in the lands, tenements, hereditaments and premises required for the purpose by and in consequence of opening the above-mentioned street or avenue, the same being particularly set forth and described in the petition of The City of New York, and also in the notice of the application for the said order therein attached, filed herein in the office of the Clerk of the County of Queens, on the 15th day of April, 1900, and a just and equitable estimate and assessment of the value of the benefit and advantage of said street or avenue so to be opened or laid out and formed, to the respective owners, lessors, parties and persons respectively entitled unto or interested in the said respective lands, tenements, hereditaments and premises not required for the purpose of opening, laying out and forming the same, but benefited thereby, and of ascertaining and defining the extent and boundaries of the respective tracts or parcels of land to be taken or to be assessed therefor, and of performing the trusts and duties required of us by chapter 17, title 4 of the Greater New York Charter, and the acts or parts of acts supplementary thereto or ancillary thereto.

All parties and persons interested in the real estate taken or to be taken for the purpose of opening the said street or avenue, or affected thereby, and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to us, the undersigned Commissioners of Estimate and Assessment, at our office, ninth floor, New York and 42nd Street, Borough of Manhattan, in the City of New York, with such affidavits or other proofs as the said owners or claimants may desire, within twenty days after the date of this notice.

And we, the said Commissioners, will be in attendance at our said office on the 28th day of June, 1900, at 11 o'clock in the forenoon of that day, to hear the said parties and persons in relation thereto; and at such time and place as we may appoint, we will hear such owners in relation thereto and examine the proofs of such claimants or claimants, or such additional proofs and allegations as may then be offered by such owner, or on behalf of The City of New York.

Dated Borough of Queens, City of New York, May 15, 1900.

SAMUEL GREENON,  
PATRICK J. CONNOLLY,  
AUGUST SIMKAM,  
Commissioners.

JOHN P. DUFFY,  
Clerk.

#### FIRST DEPARTMENT.

In the matter of the application of The Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to the lands, tenements and hereditaments required for the purpose of opening EAST ONE HUNDRED AND SIXTY-THIRD STREET (although not yet named by proper authority), from Third Avenue to Westchester Avenue, on the lot has been heretofore laid out and designated as a first-class street or road in the Twenty-third Ward of The City of New York.

**NOTICE IS HEREBY GIVEN THAT THE** supplemental and additional bill of costs, charges and expenses incurred by reason of the proceedings in the above-entitled matter, will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part 1, to be held at the County Court-house, in the Borough of Manhattan, in the City of New York, on the 26th day of June, 1900, at 10 o'clock in the forenoon of that day, or as soon thereafter as counsel can be heard thereon, and that the said bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of New York, there to remain for and during the space of ten days, as required by the provisions of section 30 of title 4 of chapter 17 of the Laws of 1897.

Dated Borough of Manhattan, New York, April 27, 1900.

CHARLES L. GUY,  
EDWARD D. PARRELL,  
EDWARD E. WHITNEY,  
Commissioners.

JOHN P. DUFFY,  
Clerk.

#### SECOND DEPARTMENT.

In the matter of the application of The City of New York relative to acquiring title, wherever the same has not been heretofore acquired, to the lands and premises required for the opening and extending of CAMILLA STREET (although not yet named by proper authority), from Lincoln Avenue to Broadway, in the First Ward, Borough of Queens, of The City of New York.

**NOTICE IS HEREBY GIVEN THAT WE, THE** undersigned, were appointed by an order of the Supreme Court, Second Department, bearing date the 26th day of March, 1900, and duly entered in the office of the Clerk of the County of Queens, at his office in Jamaica, in the Borough of Queens, City of New York, on the 15th day of April, 1900, a copy of which order was duly filed for indexing in the office of the Clerk of the County of Queens, Commissioners of Estimate and Assessment, for the purpose of making a just and equitable estimate and assessment of the loss and damage, if any, or of the benefit and advantage, if any, to the case may be, to the respective owners, lessors, parties and persons respectively entitled unto or interested in the lands, tenements, hereditaments and premises required for the purpose by and in consequence of opening the above-mentioned street or avenue, the same being particularly set forth and described in the petition of The City of New York, and also in the notice of the application for the said order therein attached, filed herein in the office of the Clerk of the County of Queens, on the 15th day of April, 1900, and a just and equitable estimate and assessment of the value of the benefit and advantage of said street or avenue so to be opened or laid out and formed, to the respective owners, lessors, parties and persons respectively entitled unto or interested in the said respective lands, tenements, hereditaments and premises not required for the purpose of opening, laying out and forming the same, but benefited thereby, and of ascertaining and defining the extent and boundaries of the respective tracts or parcels of land to be taken or to be assessed therefor, and of performing the trusts and duties required of us by chapter 17, title 4 of the Greater New York Charter, and the acts or parts of acts supplementary thereto or ancillary thereto.

All parties and persons interested in the real estate taken or to be taken for the purpose of opening the said street or avenue, or affected thereby, and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to us, the undersigned Commissioners of Estimate and Assessment, at our office, ninth floor, New York and 42nd Street, Borough of Manhattan, in the City of New York, with such affidavits or other proofs as the said owners or claimants may desire, within twenty days after the date of this notice.

And we, the said Commissioners, will be in attendance at our said office on the 28th day of June,

1900, at 11 o'clock in the forenoon of that day, to hear the said parties and persons in relation thereto. And at such time and place, and at such further or other time and place as we may appoint, we will hear such owners in relation thereto and examine the proofs of such claimants or claimants, or such additional proofs and allegations as may then be offered by such owner, or on behalf of The City of New York.

Dated Borough of Queens, City of New York, May 14, 1900.

BENJAMIN LYNAM,  
C. J. DILLON,  
A. D. HUGH,  
Commissioners.

JOHN E. DUFFY,  
Clerk.

#### SECOND DEPARTMENT.

In the matter of the application of The City of New York relative to acquiring title, wherever the same has not been heretofore acquired, to the lands and premises required for the opening and extending of LATHROP STREET (Third Avenue), (although not yet named by proper authority), from Newtown Avenue to Broadway, in the First Ward, Borough of Queens, of The City of New York.

**NOTICE IS HEREBY GIVEN THAT WE, THE** undersigned, were appointed by an order of the Supreme Court, Second Department, bearing date the 26th day of March, 1900, and duly entered in the office of the Clerk of the County of Queens, at his office in Jamaica, in the Borough of Queens, City of New York, on the 15th day of April, 1900, a copy of which order was duly filed for indexing in the office of the Clerk of the County of Queens, Commissioners of Estimate and Assessment, for the purpose of making a just and equitable estimate and assessment of the loss and damage, if any, or of the benefit and advantage, if any, to the case may be, to the respective owners, lessors, parties and persons respectively entitled unto or interested in the lands, tenements, hereditaments and premises required for the purpose by and in consequence of opening the above-mentioned street or avenue, the same being particularly set forth and described in the petition of The City of New York, and also in the notice of the application for the said order therein attached, filed herein in the office of the Clerk of the County of Queens, on the 15th day of April, 1900, and a just and equitable estimate and assessment of the value of the benefit and advantage of said street or avenue so to be opened or laid out and formed, to the respective owners, lessors, parties and persons respectively entitled unto or interested in the said respective lands, tenements, hereditaments and premises not required for the purpose of opening, laying out and forming the same, but benefited thereby, and of ascertaining and defining the extent and boundaries of the respective tracts or parcels of land to be taken or to be assessed therefor, and of performing the trusts and duties required of us by chapter 17, title 4 of the Greater New York Charter, and the acts or parts of acts supplementary thereto or ancillary thereto.

All parties and persons interested in the real estate taken or to be taken for the purpose of opening the said street or avenue, or affected thereby, and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to us, the undersigned Commissioners of Estimate and Assessment, at our office, ninth floor, New York and 42nd Street, Borough of Manhattan, in the City of New York, with such affidavits or other proofs as the said owners or claimants may desire, within twenty days after the date of this notice.

And we, the said Commissioners, will be in attendance at our said office on the 28th day of June, 1900, at 11 o'clock in the forenoon of that day, to hear the said parties and persons in relation thereto. And at such time and place, and at such further or other time and place as we may appoint, we will hear such owners in relation thereto and examine the proofs of such claimants or claimants, or such additional proofs and allegations as may then be offered by such owner, or on behalf of The City of New York.

Dated Borough of Queens, City of New York, May 14, 1900.

THEODORE H. BURDEN,  
THOS. McDERMOTT,  
JOHN E. WOODILL,  
Commissioners.

JOHN P. DUFFY,  
Clerk.

#### FIRST DEPARTMENT.

In the matter of the application of The Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to the lands, tenements and hereditaments required for the purpose of opening and extending ANDREWS AVENUE (although not yet named by proper authority), from East One Hundred and Eighty-first Street (formerly University Avenue), to Fordham Road, as the same has been heretofore laid out and designated as a first-class street or road, in the Twenty-fourth Ward of The City of New York.

**NOTICE IS HEREBY GIVEN THAT THE** supplemental and additional bill of costs, charges and expenses incurred by reason of the proceedings in the above-entitled matter will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part 1, to be held at the County Court-house, in the Borough of Manhattan, in the City of New York, on the 26th day of June, 1900, at 10 o'clock in the forenoon of that day, or as soon thereafter as counsel can be heard thereon, and that the said bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of New York, there to remain for and during the space of ten days, as required by the provisions of section 30 of title 4 of chapter 17 of the Laws of 1897.

Dated Borough of Manhattan, New York, May 14, 1900.

CHARLES H. RUSSELL,  
JOSEPH E. MCMAHON,  
JOSEPH KAUFMANN,  
Commissioners.

JOHN P. DUFFY,  
Clerk.

#### KINGS COUNTY.

In the matter of the application of the Board of Education of The City of New York, by the Corporation Counsel, relative to acquiring title by The City of New York, to certain lands situate on the SOUTHERLY SIDE OF FORT HAMILTON AVENUE, between Ocean Parkway and East 50th Street, in the Twenty-ninth Ward of the Borough of Brooklyn, duly selected and chosen as a site for school purposes, by the School Board of the Borough of Brooklyn and approved by the Board of Education, under and in pursuance of the provisions of chapter 101 of the Laws of 1883, and the various statutes amendatory thereof and other statutes relating thereto.

**WE, THE UNDERSIGNED COMMISSIONERS** of Estimate and Assessment, in the above-entitled matter, appointed pursuant to the provisions of the statutes relating thereto, hereby give notice to the owner or owners, lessor or lessors, parties or persons respectively entitled unto or interested in the lands, tenements,

hereditaments and premises, title to which is sought to be acquired in this proceeding, and to all others whom it may concern, to wit:

First—That we have completed our estimate of the loss and damage to the respective owners, lessors, parties and persons interested in the lands or premises affected by this proceeding, or having any interest therein, and have filed a true report or transcript of such estimate in the office of the Board of Education of The City of New York, Park Avenue, corner Fifty-ninth Street, in the Borough of Manhattan, City of New York, for the inspection of whomsoever it may concern.

Second—That all parties or persons whose rights may be affected by the said estimate, and who may object to the same, or any part thereof, may, within ten days after the first publication of this notice, May 19, 1900, file their objections in such estimate, in writing, with us, at our office in the office of the Corporation Counsel of The City of New York, in the Borough Hall, in the Borough of Brooklyn, in said city, as provided by statute, and that we, the said Commissioners, will hear parties so objecting at our office on the 4th day of June, 1900, at 4 o'clock in the afternoon, and upon such subsequent days as may be found necessary.

Third—That our report herein will be presented to the Supreme Court of the State of New York, at a Special Term thereof, for the hearing of motions, to be held in the Kings County Court-house, in the Borough of Brooklyn, in The City of New York, on the 18th day of June, 1900, at the opening of the Court on that day, and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Dated Borough of Brooklyn, City of New York, May 17, 1900.

JOHN NAUMER,  
JOSEPH W. MASTERS,  
FRANK R. DICKAY,  
Commissioners.

GEORGE T. RIGGS,  
Clerk.

#### SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title to the lands, tenements and hereditaments required for the purpose of opening GARDNER AVENUE, from Johnson Avenue to Flushing Avenue, in the Eleventh Ward, in the Borough of Brooklyn, The City of New York.

**NOTICE IS HEREBY GIVEN THAT WE, THE** undersigned, were appointed by an order of the Supreme Court, Second Department, bearing date the 26th day of March, 1900, and duly entered in the office of the Clerk of the County of Queens, at his office in Jamaica, in the Borough of Queens, City of New York, on the 15th day of April, 1900, a copy of which order was duly filed for indexing in the office of the Clerk of the County of Queens, Commissioners of Estimate and Assessment, for the purpose of making a just and equitable estimate and assessment of the loss and damage, if any, or of the benefit and advantage, if any, to the case may be, to the respective owners, lessors, parties and persons respectively entitled unto or interested in the lands, tenements, hereditaments and premises required for the purpose by and in consequence of opening the above-mentioned street or avenue, the same being particularly set forth and described in the petition of The City of New York, and also in the notice of the application for the said order therein attached, filed herein in the office of the Clerk of the County of Queens, on the 15th day of April, 1900, and a just and equitable estimate and assessment of the value of the benefit and advantage of said street or avenue so to be opened or laid out and formed, to the respective owners, lessors, parties and persons respectively entitled unto or interested in the said respective lands, tenements, hereditaments and premises not required for the purpose of opening, laying out and forming the same, but benefited thereby, and of ascertaining and defining the extent and boundaries of the respective tracts or parcels of land to be taken or to be assessed therefor, and of performing the trusts and duties required of us by law.

All parties and persons interested in the real estate taken or to be taken for the purpose of opening the said street or avenue, or affected thereby, and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to us, the undersigned Commissioners of Estimate and Assessment, at our office in the office of the Law Department, Room 30, Borough Hall, Borough of Brooklyn, City of New York, with such affidavits or other proofs as the said owners or claimants may desire, within twenty days after the date of this notice.

And we, the said Commissioners, will be in attendance at our said office on the 28th day of June, 1900, at 11 o'clock in the forenoon of that day, to hear the said parties and persons in relation thereto. And at such time and place, and at such further or other time and place as we may appoint, we will hear such owners in relation thereto and examine the proofs of such claimants or claimants, or such additional proofs and allegations as may then be offered by such owner, or on behalf of The City of New York.

Dated Borough of Brooklyn, City of New York, May 16, 1900.

ANDREW T. VAN THUN, JR.,  
JAMES P. PARRELL,  
ALBERT J. BUTTING,  
Commissioners.

M. E. FERRIS,  
Clerk.

#### SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title to the lands, tenements and hereditaments required for the purpose of opening and widening CLINTON AVENUE, from Gates Avenue to Williamsburg Avenue, in the Twelfth Ward, in the Borough of Brooklyn, The City of New York.

**NOTICE IS HEREBY GIVEN THAT WE, THE** undersigned, were appointed by an order of the Supreme Court, Second Department, bearing date the 26th day of March, 1900, and duly entered in the office of the Clerk of the County of Queens, at his office in Jamaica, in the Borough of Queens, City of New York, on the 15th day of April, 1900, a copy of which order was duly filed for indexing in the office of the Clerk of the County of Queens, Commissioners of Estimate and Assessment, for the purpose of making a just and equitable estimate and assessment of the loss and damage, if any, or of the benefit and advantage, if any, to the case may be, to the respective owners, lessors, parties and persons respectively entitled unto or interested in the lands, tenements, hereditaments and premises required for the purpose by and in consequence of opening the above-mentioned street or avenue, the same being particularly set forth and described in the petition of The City of New York, and also in the notice of the application for the said order therein attached, filed herein in the office of the Clerk of the County of Queens, on the 15th day of April, 1900, and a just and equitable estimate and assessment of the value of the benefit and advantage of said street or avenue so to be opened or laid out and formed, to the respective owners, lessors, parties and persons respectively entitled unto or interested in the said respective lands, tenements, hereditaments and premises not required for the purpose of opening, laying out and forming the same, but benefited thereby, and of ascertaining and defining the extent and boundaries of the respective tracts or parcels of land to be taken or to be assessed therefor, and of performing the trusts and duties required of us by chapter 17, title 4 of the Greater New York Charter, and the acts or parts of acts supplementary thereto or ancillary thereto.

All parties and persons interested in the real estate taken or to be taken for the purpose of opening the said street or avenue, or affected thereby, and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to us, the undersigned Commissioners of Estimate and Assessment, at our office in the office of the Law Department, Room 30, Borough Hall, Borough of Brooklyn, City of New York, with such affidavits or other proofs as the said owners or claimants may desire, within twenty days after the date of this notice.

And we, the said Commissioners, will be in attendance at our said office on the 28th day of June, 1900, at 11

o'clock in the afternoon of that day, to hear the said parties and persons in relation thereto, and at such time and place, and at such further or other time and place as we may appoint, we will hear such owners in relation thereto and examine the proofs of such claimants or claimants, or such additional proofs and allegations as may then be offered by such owner, or on behalf of The City of New York.

Dated Borough of Brooklyn, City of New York, May 7, 1900.

WILLIAM E. C. MAYER,  
JAMES HARDIE,  
JULIUS B. DAVENPORT,  
Commissioners.

M. E. FERRIS,  
Clerk.

#### SECOND DEPARTMENT.

In the matter of the application of The City of New York relative to acquiring title to the lands, tenements and hereditaments required for the purpose of opening EIGHTH AVENUE, from Flushing Street to Seventh Avenue, in the Twelfth Ward, in the Borough of Brooklyn, The City of New York.

**NOTICE IS HEREBY GIVEN THAT WE, THE** undersigned, were appointed by an order of the Supreme Court, Second Department, bearing date the 26th day of March, 1900, and duly entered in the office of the Clerk of the County of Queens, at his office in Jamaica, in the Borough of Queens, City of New York, on the 15th day of April, 1900, a copy of which order was duly filed for indexing in the office of the Clerk of the County of Queens, Commissioners of Estimate and Assessment, for the purpose of making a just and equitable estimate and assessment of the loss and damage, if any, or of the benefit and advantage, if any, to the case may be, to the respective owners, lessors, parties and persons respectively entitled unto or interested in the lands, tenements, hereditaments and premises required for the purpose by and in consequence of opening the above-mentioned street or avenue, the same being particularly set forth and described in the petition of The City of New York, and also in the notice of the application for the said order therein attached, filed herein in the office of the Clerk of the County of Queens, on the 15th day of April, 1900, and a just and equitable estimate and assessment of the value of the benefit and advantage of said street or avenue so to be opened or laid out and formed, to the respective owners, lessors, parties and persons respectively entitled unto or interested in the said respective lands, tenements, hereditaments and premises not required for the purpose of opening, laying out and forming the same, but benefited thereby, and of ascertaining and defining the extent and boundaries of the respective tracts or parcels of land to be taken or to be assessed therefor, and of performing the trusts and duties required of us by law.

All parties and persons interested in the real estate taken or to be taken for the purpose of opening the said street or avenue, or affected thereby, and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to us, the undersigned Commissioners of Estimate and Assessment, at our office in the office of the Law Department, Room 30, Borough Hall, Borough of Brooklyn, City of New York, with such affidavits or other proofs as the said owners or claimants may desire, within twenty days after the date of this notice.

And we, the said Commissioners, will be in attendance at our said office on the 28th day of June, 1900, at 11 o'clock in the forenoon of that day, to hear the said parties and persons in relation thereto. And at such time and place, and at such further or other time and place as we may appoint, we will hear such owners in relation thereto and examine the proofs of such claimants or claimants, or such additional proofs and allegations as may then be offered by such owner, or on behalf of The City of New York.

Dated Borough of Brooklyn, City of New York, May 7, 1900.

FRANK DUCKEY,  
JOHN DOUGLAS,  
THOMAS D. HODGE,  
Commissioners.

M. E. FERRIS,  
Clerk.

#### FIRST DEPARTMENT.

In the matter of the application of The Mayor, Aldermen and Commonalty of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to the lands, tenements and hereditaments required for the purpose of opening EAST ONE HUNDRED AND SIXTY-THIRD STREET (although not yet named by proper authority), from Third Avenue to Westchester Avenue, on the lot has been heretofore laid out and designated as a first-class street or road, in the Twenty-third Ward of The City of New York.

**NOTICE IS HEREBY GIVEN THAT WE, THE** undersigned, were appointed by an order of the Supreme Court, Second Department, bearing date the 26th day of March, 1900, and duly entered in the office of the Clerk of the County of Queens, at his office in Jamaica, in the Borough of Queens, City of New York, on the 15th day of April, 1900, a copy of which order was duly filed for indexing in the office of the Clerk of the County of Queens, Commissioners of Estimate and Assessment, for the purpose of making a just and equitable estimate and assessment of the loss and damage, if any, or of the benefit and advantage, if any, to the case may be, to the respective owners, lessors, parties and persons respectively entitled unto or interested in the lands, tenements, hereditaments and premises required for the purpose by and in consequence of opening the above-mentioned street or avenue, the same being particularly set forth and described in the petition of The City of New York, and also in the notice of the application for the said order therein attached, filed herein in the office of the Clerk of the County of Queens, on the 15th day of April, 1900, and a just and equitable estimate and assessment of the value of the benefit and advantage of said street or avenue so to be opened or laid out and formed, to the respective owners, lessors, parties and persons respectively entitled unto or interested in the said respective lands, tenements, hereditaments and premises not required for the purpose of opening, laying out and forming the same, but benefited thereby, and of ascertaining and defining the extent and boundaries of the respective tracts or parcels of land to be taken or to be assessed therefor, and of performing the trusts and duties required of us by chapter 17, title 4 of the Greater New York Charter, and the acts or parts of acts supplementary thereto or ancillary thereto.

All parties and persons interested in the real estate taken or to be taken for the purpose of opening the said street or avenue, or affected thereby, and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to us, the undersigned Commissioners of Estimate and Assessment, at our office, ninth floor, New York and 42nd Street, Borough of Manhattan, in the City of New York, with such affidavits or other proofs as the said owners or claimants may desire, within twenty days after the date of this notice.

And we, the said Commissioners, will be in attendance at our said office on the 28th day of June, 1900, at 11 o'clock in the forenoon of that day, to hear the said parties and persons in relation thereto. And at such time and place, and at such further or other time and place as we may appoint, we will hear such owners in relation thereto and examine the proofs of such claimants or claimants, or such additional proofs and allegations as may then be offered by such owner, or on behalf of The City of New York.

Dated Borough of Manhattan, New York City, May 22, 1900.

JOHN J. QUINLAN,  
GEORGE DRAKE SMITH,  
MAGNUS GRANT,  
Commissioners.

JOHN P. DUFFY,  
Clerk.