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GEORGE B. McCLELLAN, MAYOR.

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EDWARD M. GROUT, COMPTROLLER.

PATRICK J. TRACY, SUPERVISOR.

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DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY.

REPORT FOR QUARTER ENDING SEPTEMBER 30, 1903.

December 31, 1903.

Hon. SETH LOW, Mayor:

Sir—In accordance with section 1544 of the Greater New York Charter, I submit the following report of the transactions of this department for the quarter ending September 30, 1903.

WATER SUPPLY.

MANHATTAN AND THE BRONX, QUEENS AND RICHMOND.

Attached hereto and marked "Document I" is the report of Chief Engineer Nicholas S. Hill, Jr.

The waste of water over the old Croton dam varied from 75,000,000 gallons in August to 2,731,000,000 gallons in July, and aggregated for the quarter 5,448,000,000 gallons. The total daily average consumption of water from all sources was lowest in August, 282,600,000 gallons, and highest in July, 286,100,000 gallons.

The progress in the work of protecting the supply by cleaning up and fencing lands, acquiring protecting strips, planning sewage disposal works and abating nuisances is very gratifying. It is also fortunate that in spite of the great demand for water on the high service levels, very necessary repairs to pumps and engines have been able to be completed, resulting in increased efficiency.

In Richmond, during the quarter 12,840,242.60 gallons were pumped from the City's wells at Tottenville, to the standpipe, at an average cost of \$13.45 per million gallons. The average daily consumption was 139,560 gallons. The mains, stopcocks and fire hydrants in use were the same as during the previous quarter.

Water Revenue for the Quarter Ending September 30, 1903—Department of Water Supply, Gas and Electricity.

	Manhattan.	The Bronx.	Brooklyn.	Queens.	Richmond.	Total.
Regular annual frontage rates.....	\$1,024,412.06	\$160,420.29	\$807,805.14	\$37,142.69	\$141.21	
Penalties, section 476, Charter.....	6,150.11	1,951.13	5,317.90	365.84	1.10	
Total	\$1,030,562.17	\$162,371.42	\$813,123.04	\$37,508.53		\$142.31 \$2,043,707.47
Meter Charges—						
Buildings	\$668,660.24	\$29,711.85		\$25,495.80		
Steamboats	33,481.80				\$820.11	
Riverdale		2,099.90				
Total	702,172.04	31,811.75	60,664.53	25,495.80		
Permits—						
Building purposes	\$10,349.18	\$1,395.44	\$5,226.23	\$294.00		
1,619.17	1,776.05					
Extras, boilers, etc.	3,781.25					
Tugs	2,059.50	1,143.00	4,230.75	663.75		
Taps	5,999.99					
Street sprinkling						
Total	23,809.09	4,314.49	9,456.98	957.75		
Miscellaneous			596.21	71.42		
Repairs, labor, materials, etc.	172.34					
Total Department collections.....	\$1,756,715.64	\$198,497.66	\$883,840.76	\$64,033.50		
Bureau of Arrears—Collections.....			31,070.20			
Receiver of Taxes—Collections.....						
Total collections.....	\$1,756,715.64	\$198,497.66	\$914,910.96	\$64,033.50		
					\$962.42	\$2,935,120.18

BOROUGH OF BROOKLYN.

The report of Chief Engineer I. M. DeVarona is hereto annexed and marked "Document II."

The average daily consumption increased to 105,061,291, being greatest in September and least in August. There was a net loss in storage of 107,480,200 gallons, but the amount of water on hand largely exceeded at the end of the quarter the amount on hand at the same time last year. The total wasted from the ponds east of Millburn was 196,348,600 gallons.

One of the new engines at Millburn was put under steam for the first time in August.

The report of Henry Hawkes, Superintendent of Distribution and Repairs, is hereto annexed and marked "Document IIIA."

LIGHTING.

The Committee of the Board of Estimate and Apportionment to which my recommendation of the rejection of all bids for lighting for 1903 was referred, made no report during the quarter. The absence of contracts for all but a very few districts, prevented the ordering of new lights and the payment of the bills rendered by the companies, except that the Comptroller made payment on account to some companies under stipulations reserving all rights of both the City and the companies. The Consolidated Gas Company and its affiliated concerns declined to receive such partial payments.

The details of the lighting in Manhattan and The Bronx will be found in the report of Charles F. Lacombe, Engineer of Surface Construction, hereto annexed and marked "Document III"; those of the lighting of Brooklyn in the report of A. E. Allen, Assistant Engineer, hereto annexed and marked "Document IV," in Queens, in the report of G. A. Roullier, Deputy Commissioner, hereto annexed and marked "Document V."

In Richmond at the close of the quarter the following public lamps were in service:

Electric arc lamps	561
Electric incandescent lamps.....	3,517
Oil lamps	100
Total	4,178
	=====

ELECTRICITY.

The reports of the electrical bureaus in Brooklyn and in Manhattan and The Bronx are hereto attached and marked respectively "Document VI" and "Document VII."

In Queens, the electrical work of the quarter may be summarized as follows:

Exterior wiring, permits issued.....	651
Interior wiring, applications	313
Interior wiring, certificates.....	303
Interior wiring, certificates, covering incandescent lights.....	10,801
Interior wiring certificates covering arc lights.....	60
Interior wiring certificates covering thirty-six motors, horse power.....	61.75
Interior wiring certificates covering generators, k. w. capacity.....	139.00
Complaints issued	310
Complaints attended to	312
Inspections	5,711
Poles removed	78
Wires removed (miles).....	33.25
	=====

In Richmond, during the quarter, 253 exterior wiring applications were received. Permits for such wiring were issued as follows:

Richmond Light and Railroad Co.....	114
New York & New Jersey Telephone Co.....	104
American Telephone & Telegraph Co.....	3
Staten Island Midland R. R. Co.....	3
Fire Department	7
Milliken Bros.....	1
Total	232
	=====

Fifty-nine interior wiring applications and 69 certificates were issued. Inspections were made as follows:

Exterior wiring	511
Interior wiring	116
Total	627
	=====

Seven motors were installed having an aggregate horse power of twelve and one-eighth.

During the quarter the New York & Richmond Gas Company received 61 permits to open the streets for the purpose of laying service pipes, making repairs, etc.

WATER REVENUE.

The following is a statement of the revenue for the quarter as reported to me by the various Water Registers:

The report of J. Edward Eastmond, Brooklyn Water Registrar, is hereto annexed, and marked "Document VIII."

CONTRACTS.

The report of Edmund Beardsley, General Bookkeeper, and Frederick W. Shepard, in charge of Central Office, hereto annexed and marked "Document IV," shows the contracts entered into during the quarter, both those for which bids were advertised and those made without such advertisement.

Respectfully,

ROBERT GRIER MONROE, Commissioner.

DOCUMENT "I."

Department of Water Supply, Gas and Electricity,
Bureau of Chief Engineer,
New York, December 17, 1903.

Hon. ROBERT GRIER MONROE, Commissioner:

Dear Sir—Herewith please find report of the operations of the Bureau of Chief Engineer of Manhattan, The Bronx, Queens and Richmond for the quarter ending September 30, 1903.

BOROUGHS OF MANHATTAN AND THE BRONX.

The total amount of Corporate Stock issued to this Department for extensions and improvements up to July 1, 1903, as stated in the last quarterly report, was \$1,539,501.74, and there was also issued \$70,725 of Revenue Bonds, making a total appropriation of \$1,610,226.74 outside of the regular annual Budget for the operation of this Bureau. During the present quarter, in response to an application made for additional money, the following amounts of Corporate Stock were issued for the purposes named, under a resolution of the Board of Estimate and Apportionment adopted July 22, 1903:

1. Filter beds at Mahopac Falls.....	\$120,000 00
2. Meter testing apparatus, etc.....	20,000 00
3. Additional fire hydrants	50,000 00
4. New pumps at Ninety-eighth street and One Hundred and Seventy-ninth street stations.....	100,000 00
5. Additional water mains	500,000 00
Previous issues	\$790,000 00
Total.....	1,539,501 74

Total..... \$2,329,501 74

Plans for the filter beds are well under way, the necessary surveys and measurements having been already made. A number of contracts for additional water mains, as provided for in the above, have also been prepared.

BOROUGH OF QUEENS.

Under a resolution of the Board of Estimate and Apportionment dated July 22, 1903, \$200,000 was appropriated for laying additional mains in Long Island City. This included the laying of a force main to connect the pumping stations of the Citizens' Water Supply Company at the head of Flushing creek with Long Island City. As stated in the last quarterly report, Corporate Stock has been issued for improvements to the amount of \$200,000 and Revenue Bonds for \$10,000 for rentals of additional fire hydrants, making a total of \$410,000 for the first three quarters of 1903.

BOROUGH OF RICHMOND.

No additional appropriations were received for the Borough of Richmond during the present quarter.

BOROUGHS OF MANHATTAN AND THE BRONX.

Daily Consumption of Water.

Following will be found table giving statistics with relation to the flow of water in the Croton river, daily consumption, rainfall and waste over Old Croton Dam:

1. Observed Average Daily Flow of Croton River—	Gallons.
Sum of aqueduct flow and waste over dam, with no correction for lowering or refilling of storage reservoir.	July ... 256,000,000
Aug. ... 268,500,000	
Sept. ... 353,100,000	
Average per day in third quarter.....	325,900,000
2. Natural Average Daily Flow—	
Computed from observed flow by deducting the quantity corresponding to lowering of storage reservoir or adding the quantity taken to refill, without allowing for evaporation loss from storage reservoir.	July ... 293,400,000
Aug. ... 298,000,000	
Sept. ... 255,700,000	
Average per day in third quarter.....	313,700,000
3. Average Daily Flow of Croton River at New Croton Dam, Exclusive of Storage—	
Computed from natural flow at old dam for the given year and month by adding 6.4 per cent. for increase in drainage area and deducting an allowance for the evaporation loss caused by substituting water surface for land surface in the new reservoir.	July ... 306,500,000
Aug. ... 305,000,000	
Sept. ... 309,500,000	
Average per day in third quarter.....	327,300,000
4. Computed Natural Flow of Croton River at Site of New Croton Dam—	
Total number of gallons delivered in each month, exclusive of storage draft. The figures here are the monthly aggregates of the daily flow given under No. 3.	July ... 9,517,000,000
Aug. ... 9,486,000,000	
Sept. ... 11,100,000,000	
Total for third quarter	30,103,000,000
5. Average Daily Flow per Square Mile of Total Drainage Area at New Croton Dam—	
Computed by dividing quantities of No. 3 by 360.4 square miles in gallons per twenty-four hours.	July ... 852,000
Aug. ... 849,000	
Sept. ... 1,027,000	
Average per day in third quarter.....	909,000
6. Average Daily Consumption of Croton Water for Each Month—	
July	272,000,000
August	268,000,000
September	270,000,000
Average per day in third quarter	270,000,000
7. Waste of Water Over Old Croton Dam—	
July	2,731,000,000
August	75,000,000
September	2,642,000,000
Total for third quarter	5,448,000,000
8. Rainfall on Croton watershed, in total inches, depth each month, being the average of the rain gauges recorded at Croton Dam, Boyds, Carmel, Muscoot, Middle Branch, Titicus and East Branch reservoirs.	Inches.
Total in third quarter	13.67

In the Bronx and Byram shed the rainfall was:

July	1.93
August	9.05
September	7.79
Total for third quarter.....	18.77

The average daily consumption of water from the Bronx system was:

July	Gallons.
July	12,000,000
August	12,500,000
September	13,000,000

Adding to the amounts drawn from the Croton and Bronx system water obtained from the City of Yonkers and the New York and Westchester Water Company, the total daily consumption in the two boroughs is:

Consumption for Third Quarter of 1903.

	July.	Aug.	Sept.
Croton water (million gallons per day).....	272	268	270
Outflow from Kensico Reservoir	12.0	12.5	13
Westchester Water Company, Pelham Park Station.....	0.5	0.5	0.5
Yonkers Water Company	1.6	1.6	1.6
Total consumption.....	286.1	282.6	285.1

Water Waste Prevention.

Considerable progress has been made with the water waste determinations, and a number of districts have been surveyed, and the results so far obtained are sufficiently extensive to enable some conclusions to be drawn. I will not refer to these at this time, but will take up the matter of water waste prevention in the Annual Report for the year.

County Division.

The property of the Department in the Croton Basin has been much improved and maintained in good order, and the effect of the cleaning and grubbing in the first and second quarters is apparent throughout the watershed.

The work of fencing the land recently acquired about the Cranberry Pond outlet has progressed, and many buildings removed.

Contract was also let in August for repairs to the spillway and to raise the lip of the East Branch Reservoir by 2 feet. This spillway was badly damaged by the floods of December, 1901. The contract for flashboards has also been completed, and the flashboards are in place on the Middle Branch and West Branch Reservoirs.

Repairs have been made to the electrozone plant at Brewster, and an additional tank put in and tests made to determine the amount of electrozone required to sterilize the effluent from the sewage system of the town. It was found that much more was being used than was necessary, and, as a result, the cost of operating this plant will be reduced. The tests also showed that the plant was very efficient in the removal of bacteria.

Plans have been prepared for a sewage disposal plant for the village of Mt. Kisco.

A survey has been started with a view to obtaining lands about the Middle Branch Reservoir, together with a protective strip on each side of the Middle Branch from the Dam up to Ludingtonville. There are several settlements which cause bad nuisances on this stream, particularly about the old Tilly Foster mine. Surveys for the protection of the East Branch of the Croton have been completed, and it is intended to start proceedings for the acquisition of a protective strip along Cross River to its head waters.

The sanitary patrol is now in good working order, and the Katonah Laboratory thoroughly established, and the results very gratifying. Several serious nuisances have been abated, among which may be mentioned the Montefiore Home. This institution had a so-called sewage disposal plant, which was found, upon inspection and analysis of the water in the Croton River near the head water of the Croton Lake, to be inefficient. The authorities in charge of this institution were notified, and the nuisance has been abated. The reports of nuisances are being forwarded to the Health Department for action, and arrangements have been made with the office of the Corporation Counsel whereby offenders maintaining nuisances, who do not abate the same after proper notice, will be prosecuted.

A contract for fencing the property about the East Branch Reservoir has also been let.

The work of straightening and cleaning out the Byram River has been started and will be pushed rapidly. In addition, the property about the reservoirs and streams in the Bronx and Byram watershed has been put in much better condition.

The following is a report of the work done along the Aqueduct:

Third Quarter, Aqueduct Repairs and Maintenance, 1903.

	Filling and Grading, Cubic Yards.	Brick Masonry, Cubic Yards.	Concrete Masonry, Cubic Yards.	Cement Masonry, Cubic Yards.	Pointing, Square Yards.	Fence Built, Linear Feet.	Fence Repaired, Linear Feet.	Fence Painted, Linear Feet.	Fence Posts Set.
Division No. 1	35	..	22	..	..	..	..	..	..
Division No. 2 .....	..	..	10	31	..	..	..	..	..
Division No. 3 .....	..	..	..	..	..	780	..	780	..
Division No. 4	28	..	..	..	..	160	475	..	..
Division No. 5 .....	..	..	..	..	..	160	250	465	..
Division No. 6	20	..	..	..	..	500	2,000	..	..
Division No. 7 .....	..	..	..	..	..	..	..	..	..
Division No. 8 .....	..	..	..	..	..	..	..	..	..
Total	83	9	32	31	35	1,440	2,725	1,245	100

N. S. HILL, Jr., Chief Engineer, Department of Water Supply, Gas and Electricity, New York City:

Dear Sir—The above is a summary of the work performed along the line of the aqueducts during the past quarter, and in addition I would report the following:

First Division—The work performed on this division has been concrete work on apron of dam, clearing driftwood from lake, repairing screens in gate houses, cleaning floor gratings in gate house, cutting grass, making a sanitary inspection of streams emptying into the lake, and cleaning up line of aqueduct.

Second Division—The work on this division has been rebuilding head house on the New Aqueduct at Shaft No. 5, cutting grass and cleaning up line of aqueduct.

Third Division—The work performed on this division has been building and repairing fences, and painting same, hauling lumber and posts for fencing, cutting grass and cleaning up line.

Fourth Division—The work performed on this division has been repairing fences, repairs to aqueduct banks, cleaning cross walks, culverts and drains, cutting grass and cleaning up line of both aqueducts.

Fifth Division—The work on this division has been building, repairing and painting fences, filling and grading, cleaning the machinery at Dunwoodie, cleaning and overhauling Old Aqueduct gate house, cutting grass, cleaning culverts and gutters and line of aqueduct.

Sixth Division—The work on this division has been building and repairing fences, filling and grading, setting telephone poles, weeding and repairing roadway, cleaning the machinery in gate house, cleaning around the head houses on New Aqueduct, and the gutters, drains and walks on Old Aqueduct, cutting grass and cleaning up line of the aqueduct.

Seventh Division—The work performed on this division has been cutting grass, cleaning culverts, drains and cross walks, the reservoir has been cleaned and the sidewalks scrubbed, cleaning tower and gate houses, hoisting coal and cleaning line.

Eighth Division—The work performed on this division has been repairing the lagging on pumps, Ninety-eighth Street Station, keeping surface of water clean in the reservoirs, repairing reservoir banks, repairing wire fence and setting fence posts, repairs to and cleaning gate houses and chambers, pointing gable ends of coal house, Ninety-sixth street, building pump room and foundation for pumps, laying brick walk in front of boilers, setting coping and pointing brick work, patrolling Central Park reservoirs, and cutting grass on reservoir banks.

Respectfully,

(Signed) JOHN E. MCKAY, Principal Assistant Engineer.
October 1, 1903.

Pipes and Distribution.

I submit herewith a statement of the contracts let for pipe laying, linear feet of pipe laid, stop-cocks set, hydrants set, etc.

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

One Hundred and Thirty-eighth street, from Park to Rider avenue; Belmont avenue, from One Hundred and Eighty-third street to a point 250 feet north; Twenty-first avenue, from White Plains road to Catherine street.

Linear Feet of Pipe Laid—36-inch, 2,346; 20-inch, 15,496; 12-inch, 22,278; 6-inch, 24,847; total, 64,967.

Stop-cocks Set—36-inch, 1; 20-inch, 6; 12-inch, 57; 6-inch, 79; total, 143.

Hydrants Placed—Double nozzle "New York," 77; single nozzle "New York," 64; "No. 1," 5; total, 146.

In addition to the above, the following amount of work has been done in relaying mains on account of grading of streets, etc.:

Linear Feet of Pipe Laid—12-inch, 896; 6-inch, 652; total, 1,548.

Stop-cocks Set—12-inch, 1.

Hydrants Placed—Double nozzle "New York," 1; single nozzle, "New York," 3; total, 4.

Pipe Laid by Repair Gangs.

69 linear feet 12-inch pipe laid.

97 linear feet 6-inch pipe laid.

3 new 12-inch stop-cocks and boxes set.

7 new 6-inch stop-cocks and boxes set.

3 new 4-inch stop-cocks and boxes set.

16 additional New York hydrants set.

3 additional Matthews hydrants set.

2 additional Eddy hydrants set.

13 New York hydrants set in place of defective ones.

2 12-inch stop-cocks placed.

1 48-inch stop-cock repaired.

3 20-inch stop-cocks repaired.

2 6-inch stop-cocks repaired.

1 48-inch main repaired.

1 20-inch main repaired.

10 48-inch stop-cocks cleaned, greased and oiled.

6 36-inch stop-cocks cleaned, greased and oiled.

8 30-inch stop-cocks cleaned, greased and oiled.

6 24-inch stop-cocks cleaned, greased and oiled.

1 16-inch stop-cock cleaned, greased and oiled.

5 12-inch stop-cocks cleaned, greased and oiled.

2 6-inch stop-cocks cleaned, greased and oiled.

Note—7 "A" hydrants abandoned; 2 Case hydrants abandoned; 1 Cayuta hydrant abandoned; 2 "B" hydrants abandoned; 3 No. 1 hydrants abandoned.

Additional New York Hydrants.

1 East side Second avenue, between One Hundred and Twenty-eighth and One Hundred and Twenty-ninth streets.

1 North side One Hundred and Second street, between Second and Third avenues.

1 Northwest corner One Hundred and Sixteenth street and Second avenue.

1 Northeast corner One Hundred and Sixteenth street and Third avenue.

1 Northeast corner One Hundred and Second street and Amsterdam avenue.

1 West side Seventh avenue, between One Hundred and Forty-fourth and One Hundred and Forty-fifth streets.

1 Northeast corner One Hundred and Sixteenth street and First avenue.

1 Northwest corner One Hundred and Sixteenth street and Pleasant avenue.

1 North side Seventy-first street, between West End avenue and New York Central Railroad.

1 Northwest corner One Hundred and Sixteenth street and Third avenue.

1 Northwest corner One Hundred and Sixteenth street and Lexington avenue.

1 Northwest corner One Hundred and Sixteenth street and Eighth avenue.

1 West side Bradhurst avenue, between One Hundred and Fiftieth and One Hundred and Fifty-first streets.

1 South side Spring street, between West Broadway and Thompson street.

1 South side Spring street, opposite Macdougal street.

New York Hydrants in Place of Defective Hydrants.

1 northwest corner One Hundred and Second street and Second avenue.

1 northwest corner One Hundred and Second street and Columbus avenue.

1 south side Thirtieth street, between Lexington and Third avenues.

1 northeast corner Twenty-eighth street and Third avenue.

1 south side Thirty-first street, between Sixth and Seventh avenues.

1 southeast corner Twenty-eighth street and Tenth avenue.

1 intersection of Broadway, Fifth avenue and Twenty-fourth street.

1 west side Sylvan place, between One Hundred and Twentieth and One Hundred and Twenty-first streets.

1 northeast corner One Hundred and Twenty-first street and Park avenue.

1 southwest corner Nineteenth street and Fifth avenue.

1 northwest corner One Hundred and Thirty-first street and Park avenue.

1 south side Warren street, between West Broadway and Greenwich street.

1 northeast corner Third street and First avenue.

Miscellaneous Hydrants (Additional).

1 west side White Plains avenue, 200 feet south of Olin avenue, 2-nozzle Matt.

1 Bronxwood Park, Williamsbridge, 2-nozzle Eddy.

1 east side Main street, 100 feet south Armour place, 2-nozzle Matt.

1 Kinsella avenue, 500 feet west of Bear Swamp road, 2-nozzle Eddy.

1 Kinsella avenue, 150 feet west of Bear Swamp road, 2-nozzle Matt.

Mechanical Division.

The work on the erection of the second 15,000,000-gallon pump has progressed very slowly, owing to the delays of the Worthington Company, but the pump is now nearing completion. The repair work has progressed very satisfactorily, considering that the demand for water is nearly equal to the capacity of the pumps, and great difficulty was met in obtaining the use of the pumps for repair purposes. The duty, however, on all the old pumps has been largely increased and their efficiency improved. Repairs have been started on the 7,500,000-gallon pump at Ninety-eighth street, and changes have also been made in the feed water piping which will improve the efficiency of the plant.

At the Jerome Park Pumping Station the station proper is nearly complete, with the exception of the masonry work on the standpipe tower, which is now rapidly progressing. The building will soon be roofed. The boilers are about ready for shipment and we are advised by the foundry that the engines will be ready for shipment the latter part of October.

Complaints and Services.

Below will be found statement of work done in this division in addition to the regular work of investigating complaints and inspections to determine the illegal use of water:	152
Old hydrants replaced by new ones.....	3,471
Old hydrants repaired.....	16
Old stop-cocks replaced by new ones.....	470
Old stop-cocks repaired.....	189
Croton mains repaired (leaking at joint or burst).....	293
Taps shut off at main (service broken or leaking).....	526
Hydrants found improperly closed after use.....	1,055
Linear feet of pipe used in repairs to mains.....	421
Permits issued to tap on City mains, Manhattan.....	233
Permits issued to tap on City mains, Bronx.....	654
New horse troughs set.....	1
Old horse troughs repaired.....	22

Permits to place Smith or Ely connections on City Mains—2-inch connection, 36; 3-inch connection, 4; 4-inch connection, 3; 6-inch connection, 1.
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General Inspection.

Below will be found summary of the gates inspected and used in the boroughs of Manhattan and The Bronx:

40 4-inch gates; 1,366 6-inch gates; 6 8-inch gates; 7 10-inch gates; 580 12-inch gates; 2 16-inch gates; 137 20-inch gates; 8 24-inch gates; 20 30-inch gates; 35 36-inch gates; 14 48-inch gates; total, 2,215.

Accounting Division.

The following is a statement of the summary of expenditures for the quarter ending September 30, 1903:
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Summary of Expenditures for the Quarter Ending September 30, 1903.

BOROUGHS OF MANHATTAN AND THE BRONX.

Quarter Ending Sept. 30, 1902.		Total	Quarter Ending Sept. 30, 1903.		Total	
	Previous Appropriations Paid in 1902.	Appropriations of 1902.	Payments During Third Quarter, 1902.	Previous Appropriations Paid in 1903.	Appropriations of 1903.	Payments During Third Quarter, 1903.
Additional fire hydrants	\$20 00	\$14,218 52	\$15,638 92	\$691 90	.....	\$691 90
Aqueduct repairs and maintenance	1,400 40	.....	127 00	359 61	.....	359 61
Bronx River Works, maintenance and repairs	127 00	.....	127 00	359 61	.....	359 61
Bronx River Works, maintenance and salaries	.....	4,715 58	4,715 58	33 50	\$4,116 44	4,149 94
Bureau of Chief Engineer, salaries	.....	3,124 98	3,124 98	.....	3,996 73	3,996 73
Croton water system, maintenance	915 65	71,021 29	71,936 94	386 85	62,112 56	69,976 95
Croton water system, salaries	.....	8,600 63	8,600 63	7,601 37	7,601 37	7,601 37
Laying Croton pipes	18,459 08	.....	18,459 08	.....	.....	.....
Public drinking hydrants	.....	291 67	291 67	.....	399 58	399 58
Repairing and renewal of pipes, etc.	527 00	65,708 04	66,235 04	8 37	51,394 91	54,471 85
Supplies and contingencies	.....	387 14	387 14	.....	1,112 85	1,112 85
Water supply for the Twenty-fourth Ward	.....	4,575 69	4,575 69	.....	3,751 05	3,751 05
Total	\$21,449 13	\$173,618 54	\$195,067 67	\$12,026 34	\$135,460 49	\$147,486 83
Revenue Bond Fund, for temporary pumping plant, Bronx	.....	.....	11,568 81	.....	.....	.....
Revenue Bond Fund, for operating, etc., N. Y. and Westchester plant, etc.	.....	.....	.....	.....	16,759 63	21,707 00
Additional Water Fund, Water Fund, Manhattan and Bronx	.....	.....	23,762 11	.....	.....	.....
Water Main Fund No. 3	.....	.....	82,206 80	9,659 58	.....	153,825 17
Total	.....	.....	\$322,264 97	.....	.....	\$353,841 8

BOROUGH OF QUEENS.

Pipes and Distribution.

During the present quarter an additional contract for laying mains has been completed.

The following is a statement of work done:

	First Ward.	Third Ward.
Number of taps	121	47
Number of leaks repaired	4	3
Number of stop-cocks repaired	12	12
Number of gate boxes repaired		1
Number of hydrants repaired	83	35
Number of hydrants removed	11	3
Number of hydrants reset	2	5
Number of stop-cocks reset		1
Number of gate boxes reset	23	15
Number of new stop-cocks set	6	4
Number of new gate boxes set	8	1
Number of new hydrants set	7	3
Private connections made	1	...
Water pressures taken	1	...
Linear feet of water main laid	47,302	21,751
Linear feet of water main lowered	...	...
Men at work at various times during the quarter at Corporation yards and pumping stations	...	...

During the quarter contracts have been prepared and advertised for laying mains, as follows:

In Thomson, Betts and Woodside avenues, in Hoffman Boulevard and in Union turnpike.

Contract has been let to Clinton Beckwith for furnishing, delivering and laying water mains in Jamaica, Jackson, Nott, Hopkins, Ely and Borden avenues, in Woolsey and Van Dam streets and in Broadway, First Ward, Borough of Queens.

Mechanical Division.

The work of repairing the pumping stations has progressed rapidly, and now all the stations have at least one pump running in good order. During the quarter contracts for repairs to the pumping stations have been let, as follows:

For furnishing materials, building and installing new boilers and appurtenances at Pumping Stations Nos. 1 and 3, in the First Ward, Borough of Queens.

For furnishing materials, building and installing new boilers at the Bayside and Flushing Pumping Stations, in the Third Ward, Borough of Queens.

For furnishing and installing a feed-water heater and purifier in Pumping Stations Nos. 1 and 3, First Ward, Borough of Queens.

For furnishing materials and driving wells at Pumping Station No. 3, in the First Ward, Borough of Queens.

Contracts and specifications have been prepared and advertised for the following:

For furnishing materials and building a brick chimney at Flushing and Bayside Pumping Stations, Third Ward, Borough of Queens.

For furnishing materials, building a foundation and dismantling and removing standpipe from College Point to Flushing, Third Ward, Borough of Queens.

For furnishing materials, building and installing a pumping engine at Flushing Pumping Station, Third Ward, Borough of Queens.

For furnishing materials, driving wells and installing an air lift system at Flushing Pumping Station, Third Ward, Borough of Queens.

BOROUGH OF RICHMOND.

During the quarter contract was let to Clinton Beckwith for laying mains in Lehigh Station, Pleasant Plains, Prince's Bay, Seguine, Sharrott, Woodvale, Maguire, Bay View and Huguenot avenues, in Church street and in Amboy, Mill and Bloomingdale roads.

Mechanical Division.

During the quarter contract was let for furnishing materials and building a storehouse and boiler-house at Tottenville Pumping Station.

Respectfully submitted,

NICHOLAS S. HILL, Jr., Chief Engineer.

DOCUMENT "II."

City of New York, Borough of Brooklyn,
Department of Water Supply, Gas and Electricity,
Chief Engineer's Office, Room 25, Municipal Building,
Brooklyn, N. Y., November 16, 1903.

ROBERT VAN IDERSTINE, Esq., Deputy Commissioner:

Sir—The following report shows the condition of the water supply in the Borough of Brooklyn, the work done in connection with the same for the quarter ending September 30, 1903, the receipts for metered and unmetered water, and the expenditures provided for under the Water Revenue Budget prepared by this Bureau, as well as those items of the Tax Levy Budget chargeable to engineering work.

FINANCIAL.

Receipts and Expenditures.

Receipts—				
Regular water rates	\$807,805	14		
Metered water rates	60,664	53		
Default, arrears, etc.	46,441	29		
Total receipts	914,910	96		

Expenditures (Water Revenue Budget).

Chief Engineer's Bureau—				
Salaries and wages	\$117,853	90		
Materials and supplies	99,621	33		

Repairs to Distribution and Complaints—				
Salaries and wages	\$57,087	52		
Materials and supplies	4,723	93		

Expenditures (Tax Levy Budget).

Salaries—				
Laboratory	1,765	45		
Supplies and contingencies	68	86		

Average Daily Consumption, United States Gallons.

System.	July.	August.	September.	Three Months.
Ridgewood supply—				
Ridgewood low service	89,911,876	86,166,124	90,896,138	88,970,675
Mount Prospect low service	5,208,703	4,901,768	5,728,630	5,274,821
Mount Prospect high service	2,952,193	2,847,419	3,066,700	2,954,227
Total Ridgewood	98,072,772	93,915,311	99,661,468	97,199,723
Gravesend	3,328,077	2,946,610	2,909,793	3,063,113
New Utrecht	1,560,509	1,895,620	1,433,904	1,624,491
New Lots	3,758,168	3,586,581	3,617,533	3,654,491
Total	105,159,017	102,009,011	108,114,334	105,061,291

Storage and Reservoirs, United States Gallons.

Reservoir.	July 1, 1903.	Oct. 1, 1903.	Gain.	Loss.
Ridgewood Basin No. 1	61,449,400	65,041,800	3,592,400	.....
Ridgewood Basin No. 2	73,735,200	76,204,000	2,468,800	.....
Ridgewood Basin No. 3	122,215,500	71,462,500	.....	50,753,000
Mount Prospect	20,895,100	18,330,000	.....	2,564,500
Hempstead	841,039,000	780,742,000	.....	60,297,000
New Lots	3,331,600	3,404,700	73,100	.....
Total	1,122,665,800	1,015,185,600	.....	107,480,200

Rainfall—Inches.

Location.	July. 1902.	August. 1903.	September. 1902.	September. 1903.	Total. 1902. 1903.
Municipal Building	2.69	3.46	3.68	6.36	4.19 2.77 10.56 12.59
Hempstead Reservoir	2.42	3.16	3.34	7.67	5.54 2.05 11.30 12.88

General Condition of the Supply.

The heavy rainfall of the summer months and comparatively low temperature made it possible to provide for the consumption without practically drawing on the stored water, with reduced pumping from the driven well stations on the watershed, and without having to bring into service the driven well stations on the new watershed. Thus, of the latter, the Agawam station was only run for three days in August and fourteen days in September, and the Wantagh station for two days in August. Pumping at these stations took place at the request of the Commission on Additional Water Supply, to facilitate certain experiments. Water was drawn from the Hempstead Storage Reservoir only on August 25, 26 and 27, and the total amount in storage at the end of the quarter was 552,490,000 gallons more than the corresponding date of last year. This large increase in storage has been due mainly to the increased supply obtained from the watershed east of Rockville Centre. The total amount pumped at Millburn during the quarter was 4,665,476,755 gallons, and for the corresponding quarter of 1902 it was 3,723,068,710 gallons, being a total increase of 942,408,045 gallons, or 10,243,566 gallons per day. Even with this increased pumping water wasted from the ponds east of Millburn during the quarter was as follows:

	July.	August.	September.	Total.
Massapequa	3,170,200	32,926,000	.....	36,006,200
Wantagh	1,061,800	48,233,800	.....	49,295,600
Newbridge	.....	8,676,400	1,061,800	9,738,200
East Meadow	25,713,400	67,976,000	.....	93,689,400
Millburn	1,220,500	6,308,700	.....	7,529,200
Total	31,165,900	164,120,900	1,061,800	196,348,600

The Ridgewood reservoirs have been kept nearly full and there has been very little special complaint from lack of pressure, although the pressure, owing to other causes, is poor in many sections of the distribution system, as has frequently been stated. In the latter part of the quarter Basin No. 3 of the Ridgewood Reservoirs was lowered as a safeguard against accident during the laying of the new 48-inch main on Cypress and Myrtle avenues.

The commencement of the test of the Springfield filter has added about 3,000,000 gallons a day to the supply, and if the test of both this plant and the Baiseley's plant proves successful it will increase the daily supply by about 8,000,000 gallons. A further increase in the supply will be obtained upon the completion of the filter beds at the lower end of the Hempstead Storage Reservoir, to filter the waters from Horse brook. These beds should be ready for use by the middle of November.

Extension of Distribution.

The contract covering all the extensions of distribution mains reported on favorably up to June 4 has been advertised, and was awarded to Mr. Isaac Harris, who was the lowest bidder, for \$111,816.50. This contract covers the extension on 75 streets and avenues, requiring 82,350 feet of 20, 16, 12, 8 and 6-inch pipe, and the time allowed for the work is 150 working days.

The following work has been done in laying additional distribution pipe:

Water Mains Laid.	20-Inch.	12-Inch.	8-Inch.	6-Inch.	Total.
</tbl

These two contracts provide for the laying of practically all the mains 20 inches and larger in diameter, which are to be laid in the older section of the City. They should secure adequate pressure for ordinary consumption in all the districts therein comprised, and, with the smaller mains to be laid, should also give adequate fire service.

PUMPING STATIONS.

Mount Prospect, Gravesend and New Utrecht.

The average amount of water pumped per day at the Mount Prospect Station during the quarter was as follows:

	1902.	1903.
Reservoir	5,425,000	5,274,800
Tower	3,241,500	2,954,200

This reduction in pumping has been due to the careful supervision of the gates along the boundaries between the Mount Prospect Tower and Reservoir services, and between the Mount Prospect and Ridgewood Reservoir services, and has been secured although the area supplied by the Mount Prospect Reservoir has been increased by the addition of the Clinton avenue district. The engines at this station need overhauling, Engine No. 5 having been run constantly since March, 1898. An effort will be made to reduce the Tower district sufficiently to allow this engine to be shut down for repairs, which will take about ten days.

The Gravesend Station has run continuously during the quarter and such repairs as have been required to keep the boilers in fairly good condition have been made.

At the New Utrecht Station no pumping was done from the beginning of the quarter until August 4. One hundred and sixteen 2-inch wells at this station have been pulled up and redriven with new single gauze strainers and points. The old 6-inch wells have been disconnected and pulled, the pipe being stored at the Jameco Station for use as required. A large amount of pipe, gates and special castings have been removed and will be used as required at other stations.

Ridgewood.

Minor repairs have been made to the engines on the north side. It has not been necessary to operate the Davidson plant, these engines pumping a few strokes once a week to keep them in good condition. On the south side, Engines Nos. 1 and 2 were in constant operation, while Engines Nos. 3, 4 and 5 have been overhauled and repaired. The engines of this plant are worn and are not very economical. The Morris boilers are to be retubed, and a contract has been made for this work, but so far no work has been done under the contract. General repairs have been made to the other batteries of boilers, as required. The inside of the dynamo room and the woodwork of the engine room on the south side was painted. The scrap iron was advertised for sale, but no bids were received. This iron heap is unsightly; it is to be hoped that it may soon be disposed of and removed.

New Lots.

Two additional 8-inch deep wells have been driven and a test will be made during the coming quarter. These wells have 5-inch suction pipe, with strainers, and are driven to a depth of 136 and 137 feet respectively. Should these deep wells prove successful, they will be utilized to increase the supply when the plans for remodeling this station are carried into effect.

Line Stations.

At the Spring Creek Station the old plant has been operated, the wells of the temporary plant being connected to the old plant.

The Shetucket Station has been operated for only eight hours daily, as the water from this station is of poor quality.

The Oconee Station has pumped at the rate of 3,000,000 gallons daily, which is about 1,200,000 gallons more than it was able to pump previous to the installation of the shallow wells.

The wells at the Baiseleys Station are being pulled up, cleaned and redriven with new points. So far, thirty-four of these wells have been redriven.

At Jameco the Davidson engine has been completely overhauled and the wells of the deep plant are being washed out, as the yield has been greatly reduced by the filling in of the wells.

At Watts Pond two of the 6-inch wells have been disconnected, pumped and cleaned and reconnected to the mains.

Extensive repairs to Boiler No. 1, at the Smiths Pond Station, have been completed and the boiler is now in good condition.

At the Millburn station the contractors have been working on the new engines and boilers, detailed reference to which will be made later.

At the other stations minor repairs have been made as required.

Ponds, Conduits and Reservoirs.

The general work of patrolling and cleaning the streams on the watershed has been carried on. A careful watch has been kept of the work on the race track at Elmont, as it is on the upper part of the watershed of the Simonson's stream. The use of water from this stream has only been allowed when examination showed it to be safe and the use of the stream was discontinued from July 1 to July 24 and from August 6 to August 25.

The following schedule gives a summary of the work of cleaning closets and cesspools on the watershed:

Near Foster's Meadow stream	429
Near Springfield stream	589
Near Valley stream	169
Near Pines stream	117
Near Hempstead	2,367
Near Schodack brook	105
Near Millburn stream	78
Near East Meadow stream	114
Near Wantagh stream	161
Along conduit line	719

The total cost of this work during the quarter was \$961.22.

Protection from Pollution.

A map of nuisances on the watershed has been made and they have been divided into three classes, based on their relative importance as sources of pollution. As soon as a force is available for making the surveys a map will be prepared showing the land to be purchased under the present appropriation available for that purpose.

Filter Plants at Baiseleys and Springfield.

The reconstruction of these filters has been completed and the test of the Springfield plant was commenced on September 21. The contract for the controllers, which were to be furnished by the City, was awarded to the New Jersey Foundry and Machine Company on June 3. This contract provided for five controllers for Springfield and ten for Baiseleys, at a total price of \$3,495. The controllers were delivered during the month of August and have worked satisfactorily.

Water Analyses.

The usual work of examining, both chemically and bacteriologically, the water supply has been continued and 900 samples of the Brooklyn supply were collected. The average condition of the water during the quarter is shown by the following table:

Locality.	Turbidity.	Color.	Alb. Am.	Free Am.	Chlorine.	Micro-organisms.	Bacteria.
Ridgewood—							
Average influx	3	19	.062	.015	11.0	236	377
Basin 1, efflux	2	19	.067	.018	...	538	348
Basin 2, efflux	2	19	.071	.021	...	366	238
Basin 3, efflux	2	21	.064	.016	...	814	294
Mount Prospect Reservoir	3	13	.113	.037	8.4	2,817	191
Average tape	2	19	.061	.008	...	641	251

Contracts.

The following contracts have been prepared and forwarded during the quarter: July 3, 1903—For furnishing, delivering and laying water mains in Provost, Grove, Aetna, Dean, Powell, Warwick, etc.

July 23, 1903—For furnishing, delivering and laying the 16-inch trunk water main in the Borough of Brooklyn.

July 17, 1903—For furnishing and erecting a wrought iron fence with gates at the new Ridgewood pumping station.

July 17, 1903—For furnishing and installing steam engines, generators and wiring at the Jameco and Springfield stations, etc.

September 4, 1903—For furnishing and delivering cast iron pipe and special castings.

September 4, 1903—For furnishing, handling and laying water mains and appurtenances.

September 24, 1903—For furnishing, delivering and laying water mains and removing existing water mains in Conover, Williams, Imlay, Van Brunt, Harrison, etc.

The following are the contracts for which bids were received, together with the names of the lowest bidders and the total amount of the bid, on the basis of the Engineer's estimate of work to be done:

For furnishing, delivering and laying water mains in Provost, Grove, Aetna, Dean, Powell, Warwick, etc.

Isaac Harris, \$111,816.50.

For furnishing, delivering and laying the 16-inch trunk main in the Borough of Brooklyn.

Isaac Harris, \$89,885.

For furnishing, delivering and laying water mains and removing existing water mains in Columbia, Furman, Fulton, Water, Gold, Nassau, etc.

M. J. Dady, \$213,626.15.

Infiltration Galleries.

An appropriation of \$350,000 was made on July 15 for the Massapequa Infiltration Gallery, and plans and specifications for this gallery are practically completed.

The work of construction on the Wantagh Gallery has been commenced by the New York Continental Jewell Filtration Company, the outside wall of the central well having been completed and 150 feet of 36-inch vitrified pipe laid. The delay in acquiring the necessary lands by the City has somewhat retarded this work, and the difficulties of construction have been considerably increased by the heavy rainfall.

Filter Beds.

The contract for the two filter beds below Hempstead Storage Reservoir was awarded to the only bidder, Mr. Frederick Lewis, for \$9,120. The contractor commenced work in the latter part of August and has now completed the excavation on the site of the beds, the laying of the main drain pipes, and the greater part of the embankments. These filter beds will solve the long standing problem of the pollution of Horse Brook and probably add about 2,000,000 gallons per day to the supply.

The contract for the Forest Stream Filter Beds was awarded to Isaac Harris, the lowest bidder, for \$50,000. Notice to commence work has not yet been given.

New Trunk Mains.

Field work was commenced in the latter part of September on both the 48-inch force main from the Ridgewood Engine House to the Mount Prospect Reservoir and Tower, and on the 48-inch distribution main from the Ridgewood Reservoir to Park avenue and Broadway. Up to date 220 feet of pipe have been laid on the force main line and 498 feet on the trunk distribution main. The contractor in each case commenced work at the eastern end of the line.

Bids were received for the extension of the trunk mains from Park avenue and Broadway, down Park avenue to Throop avenue, and along Broadway, through Humboldt street to Devoe street. The contract has been awarded to Mr. M. J. Dady, the lowest bidder, at \$60,302.50.

The contract for the 16-inch fire main along Flatbush avenue, from Park place to Livingston street, along Livingston street to Boerum place, along Boerum place to Fulton street, along Fulton street to Main street, along Main street to Water street, along Water street southerly to Fulton street, and along Front street northerly to Gold street, has been printed and is now ready to be advertised. This main when laid will provide high pressure for fire sprinkle service in the dry goods district and a portion of the water front district. Provision will also be made for connection at the river front, so that it can be utilized as a salt water service main, if required.

Removal of 48-inch Main on Atlantic Avenue.

Field work was commenced on September 8 on laying the 36-inch main on Atlantic avenue, between Carlton and Fourth avenues, to allow the removal of the existing 48-inch pipe over the line of the tunnel. Up to date 117 lengths of pipe have been delivered and 64 lengths laid from Station 1+61.6 to Station 9+38.9. This pipe is laid under the sidewalk and it has been necessary to relay some of the house sewer connections which have been in the line of the trench. This work should be completed early in the next quarter.

Engines and Boilers at Millburn Station.

The work of installing two new 12,500,000 gallon engines at the Millburn station has been carried on by the International Steam Pump Company, the contractors for this work. The east engine is practically completed and was put under steam on August 26. The foundations for the water end of the west engine is complete and some of the castings are on the ground. The new 8-inch steam main has been completed, with the exception of the connection to the new east boiler.

The two boilers being placed by Edwin Burhorn are complete as far as possible, as the work has been delayed by the contractor for the engines, the steam fitting coming under his contract. As soon as the connections are made the boilers will be ready for testing.

Pitometers.

The work of determining the actual amount of water consumed in various sections of the City has been carried on by the use of the Cole-Flad pitometer. Tests were made at two points along the river front in the sections where water was used largely for commercial purposes and in one typical residential section. The following are the boundaries of the districts tested:

District No. 1. (Section of Mt. Prospect High Pressure District)—On the northeast by Prospect avenue and Prospect Park, on the southeast by Terrace place and Eleventh avenue, on the southwest by Greenwood Cemetery, and on the northwest by Eighth and Ninth avenues.

District No. 3—On the north by Montrose avenue, on the east by Bushwick avenue, on the south by McKibbin street, and on the west by Graham avenue.

District No. 4 (Heights Section)—On the north by Cranberry and Pineapple streets, on the east by Fulton street, on the south by Grace court, Remsen street and Montague street, and on the west by Columbia Heights.

District No. 5, or Kent Avenue District—Comprises all that part of Kent avenue between Grand street and Division avenue.

District No. 6—On the north by DeKalb avenue, on the east by Adelphi street, on the south by Lafayette avenue, and on the west by Raymond street.

District No. 8—On the north by the East river, on the east by Little street, on the south by Plymouth street, and on the west by Main street.

District No. 9—On the north by Lafayette and DeKalb avenues, on the east by Clinton and Waverly avenues, on the south by Fulton street, and on the west by Adelphi street and Carlton avenue.

District No. 10—On the northeast by Hamilton avenue, on the southeast by Columbia street and Dwight street, on the southwest by Erie basin, and on the northwest by New York bay.

District No. 11—Comprises all that part of the Greenpoint section north of Greenpoint avenue.

In the investigations in District No. 5 the original observations showed a night flow of about 5,000,000 gallons per day, while the metered flow was at the rate of a little over 1,000,000 gallons per day. An examination of all the metered connections in the district was made and a subdivision of the district showed that nearly all the flow was into the 12-inch main between South Third and South Sixth streets and into the 8-inch main between South First and South Fourth streets. Meter connec-

tions were inspected and the meters read frequently, and it was found that the meter rate increased on or about July 19 from an average daily rate of about 1,400,000 gallons to a rate of 2,800,000 gallons, and the supply to the district had decreased, so that in the latter part of August the amount unaccounted for by the meters was slightly under 400,000 gallons per day as compared with a little more than 3,000,000 gallons per day on July 18. These figures indicated that water had been used which was not shown by the meters, and investigations are being carried on to determine all connections on the 12-inch main on Kent avenue between South First and South Fifth streets. Detailed tables are being prepared of the results in all the districts and a special report will be made on this work.

Monumenting of Old Conduit Line.

The desirability of a base line along the conduit line led to the staking out of all the points of tangent and points of curves on the centre line of the conduit, together with intermediate points. These points have been marked by concrete monuments about eight inches in diameter and having a copper nail imbedded in the concrete and set exactly on the line. They have been referenced to the nearest manhole and set slightly below the surface of the ground. They can thus be readily found, and a permanent base line is now available from Spring creek to Smith's pond.

Records.

No opportunity has been given to bring our records up to date and it has been found impossible to do more than keep the card index of reports complete. It is hoped to make a new card index of the maps during the coming Winter.

Law Suits.

Four cases for damages against the City have been brought to trial, in two cases it being alleged that the Spring Creek Pumping Station had damaged adjoining farm lands, and in the other two cases damage was claimed for alleged flooding during the freshet of February, 1902. Surveys and examinations were made for the Spring creek cases and maps were prepared showing the relation of the farms to the Pumping Station, and the elevation of the ground and water table. No decision has yet been rendered in any of the cases brought to trial.

Soil Studies and Development of Underground Supply.

The results of the observations, measurements and analyses made to determine the velocity of the underground flow, as well as the purifying effect of the soil on the percolated water, will be duly tabulated and included in the annual report.

Yours very truly,

I. M. DE VARONA, Chief Engineer.

"DOCUMENT II A."

Bureau of Distribution and Repairs.

Leaks in Distribution.

	July.	Aug.	Sept.	Total.
4-inch.	2	3	1	6
6-inch.	13	10	12	35
8-inch.	5	7	12	24
10-inch.	1	1	..	2
12-inch.	8	4	27	39
16-inch.	1	..	..	1
20-inch.	..	2	2	4
48-inch.	2	2	4	8
	32	29	58	119

Taps Driven.

	July.	Aug.	Sept.	Total.
Driving Taps—				
3/8-inch.	113	161	278	552
1/2-inch.	28	72	85	185
5/8-inch.	19	15	15	49
	160	248	378	786
Screw Taps—				
3/8-inch.	36	43	40	119
1/2-inch.	24	1	4	29
5/8-inch.	3	1	..	4
3/4-inch.	1	1	5	7
	64	46	49	159

	July.	Aug.	Sept.	Total.
Fire hydrants repaired.	478	451	501	1,430
Drinking hydrants repaired.	11	7	5	23
Leaks in service.	39	35	54	128
Premises cut off.	13	8	10	31
Stop cocks repaired.	43	57	57	157
Taps drawn and mains plugged.	13	14	12	39

Western District Repair Yard.

Fire Hydrant Repairs, Etc.—

New fire hydrants set.	3
New fire hydrants set in place of old ones.	33
Good fire hydrants set in place of old ones.	83
Fire hydrants cleaned and oiled.	236
Fire hydrant valves closed.	173
Fire hydrants blown off.	40
Fire hydrant nozzles recalked.	33
Fire hydrant wastes plugged.	3
Fire hydrants moved.	44
Fire hydrants removed.	1
Fire hydrant stuffing boxes repacked.	10
Fire hydrant service joints recalked.	3
Fire hydrant casings moved.	2
New nozzles.	29
New screws.	20
New caps.	39
New bolts.	31
New facings.	14
New sockets.	29
New valves.	9
New gaskets.	1
New jam-nuts.	7
New handles.	17
New top-nuts.	19
New chains.	10
New latches.	19
New stuffing boxes.	2
New casings.	4
New binders, covers, tops and wastes.	4
Jam-nuts tightened.	8

Drinking Hydrant Repairs, etc.—

New drinking hydrants set.	1
Good drinking hydrants set in place of old ones.	4
Drinking hydrants reset.	1
Drinking hydrants removed.	2
Drinking hydrants repaired.	4
Drinking hydrants shut off at stop cock.	7
New springs.	5
New washers.	10
New stop cocks.	1
New stop-cock boxes.	3
New service pipes.	1
New rods.	1
New tops.	2

Leaks—

Service pipes:	25
Owners or agents notified.	5
Left in charge of Plumbers.	2
Services hammered up.	17
Shut off at main.	1
Shut off at stop cock.	4
New 3/8-inch taps driven.	3
New 5/8-inch taps driven.	1
Taps redriven.	2
Taps drawn and services plugged.	4

Mains—

Joints recalked, 4-inch.	1
Joints recalked, 6-inch.	7
Joints recalked, 8-inch.	4
Joints recalked, 12-inch.	9
Joints recalked, 20-inch.	4
Joints recalked, 48-inch.	8

Gates—

New 6-inch gates set.	3
New 8-inch gates set.	3
New 6-inch gates set to replace broken ones.	4
New 8-inch gates set to replace broken ones.	2
New gate boxes set.	2
New gate box covers.	7
Gates opened.	21
Gates closed.	35
Gate boxes set to grade.	33
Gates located.	4
Gates tightened.	5
Gates repacked, 6-inch.	8
Gates repacked, 8-inch.	1
Gates repacked, 12-inch.	2
Gates cleaned and oiled, 6-inch.	5
Gates cleaned and oiled, 20-inch.	2
Gates cleaned and oiled, 30-inch.	2
Gates cleaned and oiled, 48-inch.	1
New necks.	1
New top-nuts.	1

New Meters Tested at Yard.

	5/8 in.	3/4 in.	1 in.	1 1/2 in.	2 in.	3 in.	4 in.	6 in.
Thomson	204	11	12	2	4	1	2	..
Trident	195	8	5	3	8	..	..	..
Worthington	2	4	3	3	5	4	2	1
Crown	16	3	..	1	..	..	..	..
Nash	12	1	..	1	1	..	..	..
Standard	9	..	..	..	..	..	..	..
Hersey	..	1	..	..	..	..	..	..

Meters Repaired by Meter Companies and Tested at Yard.

	5/8 in.	3/4 in.	1 in.	1 1/2 in.	2 in.	3 in.	4 in.	6 in.
Thomson	25	10	7	4	4	2	2	1
Trident	34	3	1	1	..	..	..	..
Worthington	2	2	3	1	5	..	..	..
Crown	30	5	7	1	3	..	..	..
Nash	3	1	1	..	1	..	..	..
Standard	2	1	1	..	..	..

Fire Hydrant Repairs, etc.—	
New gaskets	3
New jam-nuts	31
New casings	1
====	====
New Branches Put In—1, 8 by 4; 1, 8 by 2; 2, 6 by 4; 1, 6 by 3; 4, 6 by 2.	
Leaks—	
Service Pipes:	
Owners or agents notified	23
Shut off at main	12
====	====
Mains:	
6-inch mains repaired.....	9
8-inch mains repaired.....	1
12-inch mains repaired.....	28
====	====
Horse Troughs:	
Notified to repair	1
Shut off at stopcock	1
====	====
Gates—	
6-inch gates repaired.....	3
8-inch gates repaired.....	3
12-inch gates repaired.....	3
20-inch gates repaired.....	1
====	10
Gate boxes set to grade.....	31
New covers on gate boxes.....	2
New large boxes on gates.....	3
New one-half large boxes on gates.....	1
New one-half small boxes on gates.....	2
New small boxes on gates.....	1
Gates closed and opened.....	70
====	====
Miscellaneous—	
Abandoned taps shut off at main.....	118
Abandoned taps drawn and mains plugged.....	6
Abandoned service pipes plugged.....	3
Branches in mains plugged.....	2
Stop cocks on sidewalks shut off.....	2
Service pipes lowered.....	1
Dangerous holes filled in over mains in street.....	4
Streets repaved over mains.....	49
Streets repaved around gate boxes.....	4
Sidewalks and curbs relaid around fire hydrants.....	26
Water shut off for contractors to lay new mains.....	9
Water turned on new mains.....	5
====	====

Laid seventy feet of 6-inch main to conform to grade of street, Stewart street, between Bushwick and Evergreen avenues.
Cut out sixty-five feet of abandoned 8-inch main, capped end of pipe and connected two streets, Pulaski street, junction of Broadway and Reid avenue.

East New York Repair Yard.

Fire Hydrant Repairs, etc.—	
New fire hydrants set	8
Fire hydrants taken out for repairs	14
Fire hydrants raised	1
Fire hydrants lowered	5
Fire hydrant nozzles recalked	36
Fire hydrant valves closed	55
Fire hydrant stuffing boxes repacked	14
Fire hydrants blown off	7
New valves	3
New screws	15
New sockets	12
New caps and chains	31
New nozzles	16
New jam-nuts	6
New "T" handles	9
New covers	10
New latches	8
New gaskets	1
New crossbars	5
====	====

Leaks—	
Service Pipes:	
Owners and agents notified	11
Taken charge of by plumbers	2
Taps shut off at main	17
New taps redriven	1
====	====

Mains (Distributing):	
Joints recalked on 20-inch mains	2
Joints recalked on 12-inch mains	1
Joints recalked on 8-inch mains	3
Joints recalked on 6-inch mains	7
====	====

Mains (Force):	
Joints recalked on 48-inch mains	1
Joints recalked on 42-inch mains	1
Joints recalked on 36-inch mains	5
====	====

Gates—	
New gates set	8
New gates set in place of broken and useless ones	4
New gates cut in to split up districts	3
Stuffing boxes repacked	15
New top-nuts	2
New gate boxes set	10
Gate boxes raised to grade	7
Gate boxes lowered to grade	6
====	====

Branches—	
3-way branches set	6
4-way branches set	1
====	====
Miscellaneous—	

Repavings over services and mains	23
Repavings opposite fire hydrants and around gate boxes	3
Sidewalks cemented around fire hydrants	2
Districts shut down for contractors	34
Water turned on in new mains	38
====	====

Laid 866 feet of 8-inch pipe and 18 feet of 6-inch pipe on Atkins street between Liberty and Pitkin avenues.
Laid 750 feet of 8-inch pipe and 64 feet of 6-inch pipe on Sterling place between Kingston and Albany avenues.
Lowered 84 feet of 6-inch pipe on Liberty avenue, corner of Atkins street.
Lowered 300 feet of 6-inch pipe on Christopher street between Glenmore and Pitkin avenues.
Lowered 224 feet of 6-inch pipe on Nichols avenue between Ridgewood avenue and Etna street.

Coney Island Repair Yard.	
Fire Hydrant Repairs, etc.—	
New fire hydrants set	8
New fire hydrants set in place of broken ones	1
Fire hydrants reset	4
Fire hydrants taken out, repaired and replaced	36
Fire hydrants repaired	400
Fire hydrants flushed to clean dead ends	60
Fire hydrants cut out and services capped	2
Fire hydrant nozzles recalked	40
Fire hydrant valves closed	97
Fire hydrant service joints recalked	5
New nozzles	43
New sockets	35
New jam nuts	32
New valves	200
New rods	37
New top nuts	10
New tops	11
New caps and chains	41
Leaks—	
Mains:	
New joints on mains	48
Joints on mains	31
Service pipes:	
Agents or owners notified	6
Taps shut off at main	9
Drinking Hydrants Repaired, etc.—	
Drinking hydrants set	2
Drinking hydrants repaired	1
Gates—	
New gates cut in	14
New gates cut in in place of broken ones	2
Gates cleaned, oiled and repaired	135
New stuffing boxes put in	3
Stuffing boxes repacked	104
New gate boxes set	12
Gate boxes set to grade	22
New screws	8
New glands	2
New bolts	13
New top nuts	5
Branches—	
New branches cut in	4
Miscellaneous—	
Water shut off to make connections	4
Water turned on new mains	7
====	====

Laid new 12-inch main on Neptune avenue, from West Twenty-third street to West Thirty-sixth street; 3,250 feet of pipe; continued from Bulkhead to Sea Gate with 342 feet of 8-inch pipe; total number of feet of pipe laid, 3,592.
Laid 200 feet of 6-inch main on Bay Tenth street north toward Benson avenue.
Laid 237 feet of 8-inch main on Mermaid avenue, from West Fifteenth street to Stillwell avenue.

Respectfully submitted,

HENRY HAWKES, Superintendent of Repairs.

DOCUMENT III.

Department of Water Supply, Gas and Electricity,
Bureau of Lamps and Gas,

October 20, 1903.

Hon. ROBERT GRIER MONROE, Commissioner Department of Water Supply, Gas and Electricity, No. 13-21 Park Row, New York City:

Dear Sir—I herein submit a report of the transactions of the Bureau of Lamps and Gas for the quarter ending September 30, 1903.

In Exhibit "A" will be found a statement showing the amount drawn on vouchers for the expenditures of the Bureau for the quarter and for the lighting of the public lamps and public buildings (exclusive of the Board of Education) for the three quarters ending September 30. As explained in former quarterly reports made you, there being no contract for lighting for the year 1903, no vouchers were drawn for such lighting. At the beginning of the third quarter you directed that the vouchers should be drawn on the basis of the prices paid in 1902, which was accordingly done, and are herein enumerated.

Exhibit "B" is a summary of the appropriation for "lamps and lighting, 1903," and this shows an expenditure during the quarter of the Bureau of "fourteen thousand three hundred and seventy-four dollars and sixty-eight cents (\$14,374.68), which includes fifty-nine hundred and eighty-seven dollars and seventy cents (\$5,987.70), balance due Bronx Gas and Electric Company on contract, to which I referred in my last quarterly report. Vouchers have been drawn for lighting public lamps and buildings for the first nine months of the year, aggregating one million sixty-eight thousand two hundred and thirty-eight dollars and seventy-six cents (\$1,068,238.76), which includes the entire cost of lighting for the nine months at the prices of 1902, except bills of the electric companies for lighting public buildings for July, August and September, 1903, which are in process of settlement. They aggregate as rendered fourteen thousand and eighty-four dollars and ninety-eight cents (\$14,084.98), which sum is placed among the liabilities. Outstanding liabilities on contracts for supplies aggregate fourteen thousand three hundred and sixty-nine dollars and thirty-nine cents (\$14,369.39). The lighting of public school buildings under control of the Board of Education, is not included in this statement.

Exhibit "C" is a summary of the lamp account showing the number of new lamps lighted, old lamps relighted, and lamps discontinued by each gas and electric light company during the quarter: 37 new gas lamps, 3 new naphtha lamps and 1 Welsbach naphtha lamp, have been lighted, 438 old gas lamps and 4 old naphtha lamps have been relighted, 302 gas lamps, 22 naphtha lamps and 1 electric lamp have been discontinued during the quarter. The total number of public lamps lighted September 30 was 32,139, of which 18,640 were regular gas lamps, 4,744 were single Welsbach gas lamps, 302 double Welsbach gas lamps, 978 street sign gas lamps, 1,427 naphtha lamps, 855 Welsbach naphtha and 5,193 electric lamps.

Exhibit "D" is a statement showing the candle power of the gases supplied to the City by such of the gas companies as are within reach of our photometric stations.

The following statement will show the average maximum and minimum pressure on the mains of such companies as connect with our photometric stations, as recorded on the pressure registers during the quarter, the average being for the time during which the lamps are required to be kept lighted:

Of What Company.	Average Maximum Pressure.	Average Minimum Pressure.	Where Taken.	Distance from Gas Works.
Consolidated Gas Company, Branch 1...	2.53	2.00	Corner Bowery and Grand...	1.66
Consolidated Gas Company, Branch 2...	3.16	2.22	Corner Bowery and Grand...	1.66
Consolidated Gas Company, Branch 3...	3.74	2.10		

The following statement shows the average amount of impurities found in the gases of such of the companies as have gas mains on the lines of our photometric stations, as determined by the analyses of Dr. E. G. Love, Ph. D., our Gas Examiner, in the laboratories of this Bureau:

Of What Company.	Sulphur (Grains in 100 Cubic Feet).	Ammonia (Grains in 100 Cubic Feet).	Sulphuretted Hydrogen.
Consolidated Gas Company, Branch 1.....	10.04	0.14	Trace
Consolidated Gas Company, Branch 2.....	14.60	1.04	.....
Consolidated Gas Company, Branch 3.....	8.32	0.12	.....
Consolidated Gas Company, Branch 4.....	12.64	1.10	.....
Consolidated Gas Company, Branch 6.....	8.46	0.18	.....
New York Mutual Gas Light Company.....	7.14	0.10	Trace
New Amsterdam Gas Company, Equitable Branch.....	8.04	0.08	.....
Standard Gas Light Company.....	7.68	0.09	.....
New Amsterdam Gas Company.....	8.10	0.14	.....

The following will show the specific gravity of the gases:

Consolidated Gas Company, Branch 1.....	.644
Consolidated Gas Company, Branch 2.....	.573
Consolidated Gas Company, Branch 3.....	.646
Consolidated Gas Company, Branch 4.....	.640
Consolidated Gas Company, Branch 6.....	.648
New York Mutual Gas Light Company.....	.664
New Amsterdam Gas Company, Equitable Branch.....	.654
Standard Gas Light Company.....	.642
New Amsterdam Gas Company, East River Branch.....	.655

Very respectfully,

C. F. LACOMBE.

EXHIBIT "A."

Showing amounts on vouchers drawn for gas and electricity, etc., to the public buildings, etc., and for fitting up, lighting and maintenance, etc., of public lamps for the first, second and third quarters of the year ending September 23, and the expenditures of the Bureau of Lamps and Gas for the third quarter of the year ending September 30, 1903.

For First, Second and Third Quarters, Lighting Public Buildings.

January	\$22,820 90
February	20,977 35
March	22,976 63
April	19,586 98
May	13,842 45
June	15,915 52
July	8,349 18
August	7,948 42
September	9,528 98

Lighting Public Lamps.

January	\$98,730 63
February	93,627 95
March	101,451 69
April	106,096 60
May	107,231 28
June	104,054 44
July	105,887 01
August	105,748 57
September	103,464 09

Bureau Expenditures Third Quarter.

Payroll Lamplighters and Inspectors.....	\$3,800 40
Gas examinations	339 00
Rents, photometric stations	240 00
Cartages	236 57
Repairs, supplies, etc.....	268 20
Traveling expenses, Inspectors (second quarter).....	43 70
Payments, contracts for supplies.....	3,459 11
Electric lighting public buildings, Bronx, balance contract.....	90 67
Electric lighting public lamps, Bronx, balance contract.....	5,897 03

Total vouchers drawn during third quarter..... \$1,082,613 44

EXHIBIT "B."

Summary of the appropriation for "Lamps and Lighting, 1903, Boroughs of Manhattan and The Bronx," showing the amounts drawn on vouchers during the quarters ending March 31, June 30 and September 30, 1903, and the balance to the credit of the appropriation.

Amount of appropriation.....	\$1,583,163 50
Amount vouchers first quarter.....	\$16,720 91
Amount vouchers second quarter.....	6,816 95
Amount vouchers third quarter.....	1,082,613 44

Balance against which no vouchers have been drawn.....

Liabilities outstanding

Balance available.....

Liabilities.

New York Edison Company, lighting public offices, July, August and September, 1903	\$8,114 68
United Electric Light and Power Company, lighting public offices, July, August and September, 1903	4,313 44
New York Edison Company (Br.), lighting public offices, July, August and September, 1903	1,656 77
Joseph N. Early, balance contract supplies	4,035 19
F. F. Fox, balance contract supplies	542 43
E. P. Gleason Manufacturing Company, balance contract supplies	3,586 77
E. P. Drummond & Co., balance contract supplies	6,205 00

Total..... \$28,454 28

On the subject of outstanding liabilities, it is proper to add that this Bureau has not audited any bills for electric power furnished the different public offices and buildings since the beginning of the year by the different electric light companies. When the Corporation Counsel first expressed the opinion that this Department should audit and pay the lighting bills of the various City departments it was understood that power bills were not included in the lighting; consequently when bills for power were sent they were promptly returned to the electric companies, with the statement that this Department could not pay same. No amount for power was included in the estimate for lighting for 1903. If this Department is now to pay for all the power furnished public buildings during the year, it may materially reduce the available balance for lighting public buildings, lamps, etc.

EXHIBIT "C."

Summary of the lamp account, showing the number of new lamps lighted, old lamps relighted and lamps discontinued by each gas and electric light company during the quarter ending September 30, 1903.

Consolidated Gas Company, Hester Street Branch—	
Number of lamps lighted June 30, 1903.....	2,711
Number of new lamps lighted during the quarter.....	2
Number of old lamps relighted during the quarter.....	39
Less lamps discontinued during the quarter.....	2,752
Number of lamps lighted September 30, 1903.....	2,731
Consolidated Gas Company, Fortieth Street Branch—	
Number of lamps lighted June 30, 1903.....	2,699
Number of old lamps relighted during the quarter.....	166
Less lamps discontinued during the quarter.....	2,865
Number of lamps lighted June 30, 1903.....	144
Consolidated Gas Company, One Hundred and Eleventh Street Branch—	
Number of lamps lighted June 30, 1903.....	8,464
Number of new lamps lighted during the quarter.....	8
Number of old lamps relighted during the quarter.....	114
Less lamps discontinued during the quarter.....	8,586
Number of lamps lighted September 30, 1903.....	79
Standard Gas Light Company—	
Number of lamps lighted June 30, 1903.....	3,312
Number of new lamps lighted during the quarter.....	46
Less lamps discontinued during the quarter.....	3,358
Number of lamps lighted September 30, 1903.....	6
Standard Gas Light Company—	
Number of lamps lighted June 30, 1903.....	1,700
Number of old lamps relighted during the quarter.....	43
Less lamps discontinued during the quarter.....	1,743
Number of lamps lighted September 30, 1903.....	8
Central Union Gas Company—	
Number of lamps lighted June 30, 1903.....	1,968
Number of old lamps relighted during the quarter.....	1
Less lamps discontinued during the quarter.....	1,969
Number of lamps lighted September 30, 1903.....	3
Northern Union Gas Company—	
Number of lamps lighted June 30, 1903.....	3,292
Number of new lamps lighted during the quarter.....	27
Number of old lamps relighted during the quarter.....	25
Less lamps discontinued during the quarter.....	3,344
Number of lamps lighted September 30, 1903.....	34
Westchester Lighting Company—	
Number of lamps lighted June 30, 1903.....	345
Number of old lamps relighted during the quarter.....	4
Less lamps discontinued during the quarter.....	349
Number of lamps lighted September 30, 1903.....	7
Total number of gas lamps lighted September 30.....	24,664
Naphtha Lamps.	
BOROUGH OF MANHATTAN.	
New York and New Jersey Globe Gas Light Company, Limited—	
Number of lamps lighted June 30, 1903—	
Highbridge Park.....	14
Morningside Park.....	7
Riverside Park.....	59
St. Nicholas Terrace.....	27
Number of lamps lighted September 30, 1903.....	107
BOROUGH OF THE BRONX.	
New York and New Jersey Globe Gas Light Company, Limited—	
Number of lamps lighted June 30, 1903—	
Woodlawn	50
Eastchester	115
Wakefield	93
Bronx and Pelham Parkway	141
Bronx Park	163
Clarendon Park	50
Crotona Park	81
Cedar Park	18
Gunhill road	34
Moshulu parkway	67
Moshulu avenue	72
St. Mary's Park	59
Washington Bridge Park	24
Van Courtlandt Park	29
Grand avenue	7
Williamsbridge	153
Aqueduct avenue	2
One Hundred and Eighty-first street	6
Buchanan place	5
Tiebout avenue	4
One Hundred and Seventy-seventh street	12
Spuiten Duyvil parkway	113
Two Hundred and Thirty-first street	4
Clay avenue	5
Teller avenue	5
One Hundred and Seventy-third street	2
Morris avenue	5
Boscobel place	4
Johnson avenue	10
Temporary road	2
Number of new lamps lighted in quarter—	
Wakefield	2
Williamsbridge	1
Number of lamps lighted September 30, 1903—	
Woodlawn	1,335
Eastchester	3

Number of old lamps relighted in quarter—	
Williamsbridge	3
Crotona Park	1
	4

Number of lamps discontinued in quarter—	
Williamsbridge	18
Crotona Park	2
Bronx Park	2
	22
Total number naphtha lamps burning September 30	1,427

Welsbach Naphtha Lamps.

BOROUGH OF MANHATTAN.

Welsbach Street Lighting Company of America.	
Number of lamps lighted June 30, 1903—	
Central Park	522
Central Park Mall and promenade	42
Central Park alcoves	13
One Hundred and Twenty-second street	8
Morningside avenue	15
Morningside Park	11
Manhattan square	4
Riverside Drive	137
Central Park entrances	6
Casino approaches, Central Park	5
	763

Number of lamps burning September 30	763
--------------------------------------	-----

BOROUGH OF THE BRONX.

Welsbach Street Lighting Company of America.	
Number of lamps lighted June 30, 1903—	
Williamsbridge	27
Wakefield	64
	91

Number of new lamps lighted in quarter—	
Williamsbridge	1
	92

Total number of Welsbach naphtha lamps burning September 30	855
---	-----

Brush Electric Illuminating Company—	
Number of lamps lighted June 30, 1903.....	878
Less lamps discontinued during the quarter.....	1
Number of lamps lighted September 30, 1903.....	877
New York Edison Company—	
Number of lamps lighted June 30, 1903.....	2,006
Number of lamps lighted September 30, 1903.....	2,006
United Electric Light and Power Company—	
Number of lamps lighted June 30, 1903.....	18
Number of lamps lighted September 30, 1903.....	18

Bronx Gas and Electric Company—	
Number of lamps lighted June 30, 1903.....	651
Number of lamps lighted September 30, 1903.....	651
New York Edison Company—	
Number of lamps lighted June 30, 1903.....	1,390
Number of lamps lighted September 30, 1903.....	1,390
Westchester Lighting Company—	
Number of lamps lighted June 30, 1903.....	251
Number of lamps lighted September 30, 1903.....	251
Total number of electric lamps lighted September 30, 1903.....	5,193

RECAPITULATION.

Number of gas lamps lighted June 30, 1903.....	24,491
Number of naphtha lamps lighted June 30, 1903.....	1,442
Number of electric lamps lighted June 30, 1903.....	5,194
Number of Welsbach naphtha lamps lighted June 30, 1903.....	854
Number of new gas lamps lighted during the quarter.....	37
Number of new naphtha lamps lighted during the quarter.....	3
Number of new Welsbach naphtha lamps lighted during the quarter.....	1
Number of old gas lamps relighted during the quarter.....	438
Number of old naphtha lamps relighted during the quarter.....	4
	442
Less gas lamps discontinued during the quarter.....	302
Less naphtha lamps discontinued during the quarter.....	22
Less electric lamps discontinued during the quarter.....	1
	325
Total number of lamps lighted September 30, 1903.....	32,139

Resume.

Number regular gas lamps.....	18,640
Number single Welsbach gas lamps.....	4,744
Number double Welsbach gas lamps.....	302
Number regular street sign gas lamps.....	978
Number naphtha lamps.....	1,427
Number Welsbach naphtha lamps.....	855
Number electric lamps.....	5,193
	32,139

EXHIBIT "D."

Statement giving the illuminating power in candles of the gases supplied to the City by the several gas light companies during the quarter ending September 30, 1903, as shown by the daily observations at the photometrical rooms of the Department of Public Works.

Month of	East River Gas Company, Illuminating Power in Candles.			Consolidated Gas Company, Branch 1, Illuminating Power in Candles.			Consolidated Gas Company, Branch 2, Illuminating Power in Candles.		
	Lowest.	Highest.	Average.	Lowest.	Highest.	Average.	Lowest.	Highest.	Average.
July	22.92	24.50	23.54	21.77	24.22	22.59	21.54	23.08	22.15
August	22.24	22.04	22.10	21.30	23.80	22.34	20.88	22.22	21.59
September	22.58	23.38	22.89	20.26	22.75	21.10	20.04	21.74	20.77

Month of	Consolidated Gas Company, Branch 3, Illuminating Power in Candles.			Consolidated Gas Company, Branch 4, Illuminating Power in Candles.			Consolidated Gas Company, Branch 6, Illuminating Power in Candles.		
	Lowest.	Highest.	Average.	Lowest.	Highest.	Average.	Lowest.	Highest.	Average.
July	20.66	21.56	21.29	21.30	23.62	22.31	20.84	22.76	21.84
August	20.32	22.38	21.28	20.59	23.00	21.83	20.30	21.58	21.61
September	20.36	22.26	21.42	21.64	23.42	22.26	21.77	22.38	21.70

Month of	New York Mutual Gas-Light Company, Illuminating Power in Candles.			Equitable Gas-Light Company, Illuminating Power in Candles.			Standard Gas-Light Company, Illuminating Power in Candles.		
	Lowest.	Highest.	Average.	Lowest.	Highest.	Average.	Lowest.	Highest.	Average.
July	17.12	23.30	20.70	21.37	23.42	22.45	20.41	24.06	22.32
August	20.32	23.94	22.55	21.86	23.06	22.43	22.28	23.56	21.61
September	20.36	22.26	21.42	23.00	23.86	23.32	21.82	23.09	22.45

"DOCUMENT IV."

Department of Water Supply, Gas and Electricity, Brooklyn, N. Y., October 29, 1903.

Report of Bureau of Lamps and Lighting for Quarter Ending September 30, 1903. There were received in general relation to gas and electric lamps, lighting, etc., 633 complaints and requests, of which 425 were made by citizens and others and 208 by the Department Inspectors.

The number of lamps of each kind in service September 30, 1903, was as follows: Gas lamps, plain 10,244 Welsbach lamps, gas 4,313 Welsbach lamps, naphtha 389 Electric lights, 1,200 candle power 4,761 Electric lights, 600 candle power 210 Naphtha lamps, plain 12 Total 19,929

Changes were made in the lighting system during the quarter as follows: Gas lamps added 8 Gas lamps capped 1 Welsbach lamps added 33 Welsbach lamps capped 1 Electric lights relighted 2 Electric lights extinguished 9 Total changes 54

The companies supplying street lighting and the number of lamps maintained by each company September 30, 1903, are as follows: Brooklyn Union Gas Company, gas lamps 5,971 Brooklyn Union Gas Company, Welsbach 4,313 Kings County Gas and Illuminating Company, gas lamps 4,273 Flatbush Gas Company

Lamp post butts.....	1
Cock stems and burners.....	7
Police globes, green.....	2
Reflector	1

Work accomplished by the Storehouse Employees in the matter of repairs to lanterns, frames, etc., during the quarter:	
Square lanterns, painted and repaired.....	271
Square frames, painted and repaired.....	194
Boulevard frames, painted and repaired.....	219
Sign frames, painted and repaired.....	332

Respectfully submitted,
A. E. ALLEN,
Assistant Engineer in Charge of Lighting.

"DOCUMENT V."

BOROUGH OF QUEENS.

Report of Lamps and Lighting for the Quarter Ending September 30, 1903, Showing Number of Lamps Burning, Extinguished, Relighted, etc.

Name of Company and Sort of Lamp.	Candle Power.	*Number of Lamps During Year Relighted.	Area in Service.	Mileage Lighted.	Termination of Contract.
Richmond Hill and Queens County Gas Light Company, gas.....	20	454	.....	11.6	Expired
Jamaica Gas Light Company, gas.....	20	15	.....	.5	Expired
Newtown Gas Company, gas.....	20	2,675	.....	68.5	In question
Newtown Gas Company, gas.....	20	67	.....	1.8	Expired
Newtown and Flushing Gas Company, Welsbach gas.....	60	163	.....	5.6	Expired
Jamaica Gas Light Company, Welsbach gas.....	60	57	.....	2.1	Expired
Richmond Hill and Queens County Gas Light Company, Welsbach gas.....	60	48	.....	1.8	Expired
Newtown Gas Company, Welsbach gas.....	60	25	.....	1.	Expired
Welsbach Street Lighting Company of America, Welsbach gas.....	60	16	.....	.5	Expired
Jamaica Gas Light Company, naphtha.....	20	182	.....	4.7	Expired
Richmond Hill and Queens County Gas Light Company, naphtha.....	20	46	.....	1.2	Expired
New York and New Jersey Globe Gas Light Company, naphtha.....	20	17	.....	.5	Jan. 1, 1907
Newtown Gas Company, naphtha.....	20	662	.....	17.	In question
New York and New Jersey Globe Gas Light Company, Welsbach naphtha.....	60	100	295	10.5	Expired
Jamaica Gas Light Company, Welsbach naphtha.....	60	13	.....	.4	Expired

Name of Company and Sort of Lamp.	Candle Power.	*Number of Lamps During Year Relighted.	In Service.	Area of Parks.	Mileage Lighted.	Termination of Contract.
Welsbach Street Lighting Company of America, Welsbach naphtha.....	60	251	7 acres	8.6	Expired	
Richmond Hill and Queens County Gas Light Company, Welsbach naphtha.....	60	2	.....	.07	Expired
New York and Queens Electric Light and Power Company, inclosed alternating arc.....	2,000	1,888	2 acres	231.	Expired	
New York and Queens Electric Light and Power Company, inclosed alternating arc.....	2,000	225	.....	25.	Jan. 1, 1907
New York and Queens Electric Light and Power Company, incandescent.....	25	160	.....	6.	Expired
Total.....		9 acres		397.87		

*Removed or discontinued—None.

17 arc lamps were transferred to new locations.

1 gas lamp reset.

Note—The Newtown Gas Company was ordered to discontinue 100 of the above naphtha lamps on and after May 1, 1901, and 200 on and after May 5, 1901. The order was ignored by the gas company. 67 open-flame gas lamps and 25 Welsbach gas lamps were lighted by the Newtown Gas Company, on quarterly orders. The last order expired on December 31, 1901, but the lamps are still lighted.

G. A. ROULLIER,

Deputy Commissioner, Department of Water Supply, Gas and Electricity, Borough of Queens.

"DOCUMENT VI."

Department of Water Supply, Gas and Electricity, Borough of Brooklyn.

Bureau of Electricity and Gas.

Report for Third Quarter, 1903—July 1 to Setember 30, Both Inclusive.

	Overhead Wires.	Subway Construction.	Subway Subsidiaries.	Underground Conductors.	Interior Wiring.	Total.
Number of applications received.....	2,027	111	424	333	1,323	4,218
Number of applications canceled and pending.....	62	.....	.....	.....	.....	62
Number of permits and certificates granted.....	1,965	118	458	336	1,416 ctfs.	4,293

Distribution of Certificates—

Incandescent lamps.....	38,700
Arc lamps.....	496
Horse-power of motors.....	1,512,685
Kilowatt of generators.....	766.5
Kilowatt of miscellaneous appliances.....	III.125

Companies.	Classifications and Distribution of Permits.				
	Overhead Wires.	Subway Construction.	Subway Subsidiaries.	Underground Conductors.	
American District Telegraph.....	.....	.....	.....	.....	.....
Brooklyn District Telegraph.....	.....	.....	.....	.....	.....
Brooklyn Heights Railroad.....	37	6	5	.....	.....
Brooklyn Borough Gas.....	.....	.....	2	.....	.....
Brooklyn Union Gas.....	.....	.....	41	.....	.....
Coney Island and Brooklyn Railroad.....	2	.....	.....	.....	.....
Eastern District Messenger.....	435	68	288	315	.....
Edison Electric Illuminating.....	47	161	27,428	9,024	28,466
Fire Department.....	18	.....	33	2	.....
Flatbush Gas.....	.....	.....	7	.....	.....
Kings County Gas and Illuminating.....	.....	.....	4	.....	.....
New York and New Jersey Telephone.....	1,465	44	85	19	79
Police Department.....	2	.....	.....	.....	2.
Postal Telegraph and Cable.....	.....	.....	.....	.....	.....
Stock Quotation Telegraph.....	.....	.....	.....	.....	.....
Western Union Telegraph.....	5	.....	.....	.....	7.
Long Island Railroad.....	1	.....	.....	.....	.....
Total.....	1,965	118	458	336	218
					258
					90,385
					28,385
					147,857
					3,718,536
					11,723
					2,21

Number of complaints sent out, 329.

Number of inspections, 5,516.

October 22, 1903.

Number of photometric tests of illuminating gas, 30.

H. S. WYNKOOP, Electrical Engineer.

Kilowatt capacity of generators covered by certificates.....	5,119.5
Total number of inspections made by eighteen men.....	20,167

The inspectors have removed 52,625 feet, or 9,777 miles, of overhead wires without any additional expense to the City.

Respectfully submitted,

FRANK E. BROWN, Chief Inspector.

"DOCUMENT VIII."

City of New York,
Department of Water Supply, Gas and Electricity,
Borough of Brooklyn, Bureau of Water Rates,

October 1, 1903.

Hon. ROBERT VAN IDERSTINE, Deputy Commissioner:

Dear Sir—Herewith I submit report of the operations of the Bureau of Water Rates for the third quarter of 1903. Being the dull period of the year, there was but an increase of \$13,418.96 over the corresponding period of 1902. It will be noted that while there was a decrease in the receipts for metered water, there was an increase of \$84,083.46 in that for regular rates. During the quarter the question of sealing meters and changing the regulations in regard to their connections was taken up, and report on that has been separately forwarded.

On July 27 Isadore Heilbrunn was convicted before the Court of Special Sessions for violation of section 651a of the Penal Code, and fined \$100, though one of the presiding judges wished to give him the full penalty. This, I believe, is the first trial or conviction under this section, and establishes a precedent which will be of considerable value in the Department.

Arrests have been caused from time to time for illegal use of fire hydrants for various purposes, and some trials for these violations will probably take place in the near future.

A number of large buildings in the Borough have been discovered to be un-metered when they should properly have been, and this work is being prosecuted as fast as possible.

The work of this Bureau in regard to the investigation of the American Sugar Refining Company is before you in separate form.

Permits issued for signal wires.....	721
Permits issued for electric lighting.....	845
Permits issued for pole lines.....	61
Permits issued for resetting poles.....	4
Permits issued for City lamp posts.....	91
Permits issued for underground conductors.....	1,402
Permits issued for subsidiary connections.....	1,163
Permits issued for subways.....	426
Total permits issued for outside electrical work.....	4,803
Complaint notices issued.....	1,216
Complaint notices attended to.....	1,350
Balance open.....	1,397
Number of incandescent lamps covered by certificates.....	97,777
Number of arc lamps covered by certificates.....	940
Number of motors covered by certificates.....	1,950
Horse power capacity of motors covered by certificates.....	4,243,953
Number of generators covered by certificates.....	32

In the early part of August investigation was commenced of all property of alleged charitable institutions which were entered upon the books as exempt from water rates. After investigating but a short time several instances of illegal exemption were found, especially in the cases of dispensaries which had long ceased to exist. All property claiming exemption is now being investigated, and evidence in the form of affidavits and otherwise, as to whether they are properly exempt, collected, and such information will be made a record of the Department.

In the early part of September I found that the Coney Island Jockey Club had an unmetered connection, and a bill for nearly six thousand dollars for arrearage on account of that was sent to them.

In the early part of September an arrest was made for tampering with a water meter and attempting to bribe an Inspector, and this case will shortly come before the Court of Special Sessions.

The following exhibits are attached hereto and form a part of this report:

"A." Water Rates Collected During the Quarter Ending September 30, 1903, and During the Same Period of 1902, for Comparison.

"B." Schedule Showing Increases and Decreases in Receipts During the Quarters Ending September 30, 1903, and 1902.

"C." Statement of Permits Issued and Approximate Revenue Therefrom.

"D." Statement of Water Meters in Use and Set During Quarter Ending September 30, 1903.

"E." Statement of Settings, Discontinuances and Meters in Use During Quarter Ending September 30, 1903.

"F." Schedule Showing the Nature of Business for Which Meters Were Set During Quarter Ending September 30, 1903.

"G." Schedule of Repair Permits Issued to Plumbers During the Quarter Ending September 30, 1903.

"H." Changes in Force During Quarter Ending September 30, 1903.

"I." Summary of Changes in Force During Quarter Ending September 30, 1903.

Respectfully,

J. E. EASTMOND, Water Registrar.

EXHIBIT "A."

Water Rates Collected During the Quarter Ending September 30, 1903.

	Regular.	Meters.	Penalty.	Building.	Labor and Material.	Taps.	Total.
July	\$688,654 75	\$36,043 05	\$1,307 73	\$2,175 91	\$127 07	\$1,122 50	\$729,431 01
August	86,424 92	8,333 52	2,540 14	1,416 17	386 74	1,295 50	100,396 99
September	32,725 47	16,287 96	1,470 03	1,634 15	82 40	1,812 75	54,012 76
	\$807,805 14	\$60,664 53	\$5,317 90	\$5,226 23	\$596 21	\$4,230 75	\$883,840 76
Collected in Bureau for Collection of Assessments and Arrears							31,070 20
Collected in Bureau for Collection of Taxes							
Total							\$914,910 96

Water Rates Collected During the Quarter Ending September 30, 1902.

	Regular.	Meters.	Penalty.	Building.	Labor and Material.	Taps.	Total.
July	\$541,377 08	\$39,916 59	\$2,595 04	\$1,227 82	\$176 11	\$384 00	\$586,126 64
August	148,549 12	22,549 37	3,103 56	1,439 05	183 40	899 50	176,724 00
September	33,795 48	72,521 35	1,562 11	1,323 66	199 07	998 75	110,400 42
	\$723,721 68	\$134,087 31	\$7,260 71	\$3,990 53	\$558 58	\$2,732 25	\$873,251 06
Collected in Bureau for Collection of Assessments and Arrears							28,240 94
Collected in Bureau for Collection of Taxes							
Total							\$901,492 00

Increase for the quarter ending September 30, 1903, \$13,418.96.

EXHIBIT "B."

Schedule Showing Water Rates Collected During the Quarter Ending September 30, 1903, Compared with Those Collected During the Same Period of 1902.

Regular—	1903	Increase.	Decrease.
1903.....	\$807,805 14	.....	.....
1902.....	723,721 68	\$84,083 46	.....
Meters—			
1903.....	60,664 53	.....	.....
1902.....	134,987 31	.....	\$74,322 78
Penalty—			
1903.....	5,317 90	.....	.....
1902.....	7,260 71	.....	1,942 81
Building—			
1903.....	5,226 23	.....	.....
1902.....	3,990 53	1,235 70	.....
Labor and Material—			
1903.....	596 21	.....	.....
1902.....	558 58	37 63	.....
Taps—			
1903.....	4,230 75	.....	.....
1902.....	2,732 25	1,498 50	.....
		\$86,855 29	\$76,265 59
Net increase of collections in Bureau of Water Rates..		\$10,589 70	
Bureau of Assessments and Arrears—			
1903.....	\$31,070 20	.....	.....
1902.....	28,240 94	\$2,829 26	.....

Bureau for Collection of Taxes—
(No collections in this office between June 1 and October 1.)

EXHIBIT "C."

Statement of Permits Issued for All Purposes and Approximate Revenue Therefrom During the Quarter Ending September 30, 1903.

Special water permits.....	25	\$12 50
Fire hydrant permits.....	122	3,713 86
Builders' permits.....	321	4,729 97
Shipping permits.....	115	2,715 75
Tap permits.....	902	3,416 50
Street opening permits.....	1,197	623 50
Cement walk permits.....	301	347 38
Continuation permits.....	254	127 00
Draw and plug permits.....	78	39 00
Total.....		\$15,735 46

EXHIBIT "D."

Statement of Water Meters in Use and Set During Quarter Ending September 30, 1903.

Meters in use June 30, 1903.....	5,590
Meters set during quarter ending September 30, 1903.....	529
Total.....	6,119
Accounts closed during quarter ending September 30, 1903.....	23
Actual number in use September 30, 1903.....	6,096

EXHIBIT "E."

Statement of Settings, Discontinuances and Meters in Use During Quarter Ending September 30, 1903.

	Settings.
Worthington.....	3
Thomson.....	10
Trident.....	14
Crown.....	2
Nash.....	1
Standard.....	7
Hersey.....	1
Total.....	436
5/8-Inch. 3/4-Inch. 1-Inch. 1 1/2-Inch. 2-Inch. 3-Inch. 4-Inch. 6-Inch. Total.	
Worthington.....	3
Thomson.....	10
Trident.....	14
Crown.....	2
Nash.....	1
Standard.....	7
Hersey.....	1
Total.....	436

Discontinuances.

	Discontinuances.
Thomson.....	8
Trident.....	1
Crown.....	4
Nash.....	2
Worthington.....	1
Total.....	15
5/8-Inch. 3/4-Inch. 1-Inch. 1 1/2-Inch. 2-Inch. 3-Inch. 4-Inch. Total.	
Thomson.....	8
Trident.....	1
Crown.....	4
Nash.....	2
Worthington.....	1
Total.....	15

Meters in Use.

	Meters in Use.
Worthington.....	73
Thomson.....	161
Trident.....	98
Crown.....	173
Nash.....	13
Standard.....	8
Hersey.....	5
Gem.....	3
Miscellaneous.....	6
Total.....	3,494
5/8-Inch. 3/4-Inch. 1-Inch. 1 1/2-Inch. 2-Inch. 3-Inch. 4-Inch. 6-Inch. 10-Inch. Total.	
Worthington.....	73
Thomson.....	161
Trident.....	98
Crown.....	173
Nash.....	13
Standard.....	8
Hersey.....	5
Gem.....	3
Miscellaneous.....	6
Total.....	3,494

EXHIBIT "F."

Schedule Showing the Nature of Business for Which Meters Were Set During the Quarter Ending September 30, 1903.</

Transferred to this Office—

September 11, Oscar Knapp, Inspector.
September 22, J. K. Brigham, Clerk.

Resigned—

September 28, William E. Mitchell, Inspector.

Dismissed—

"Charges":
July 10, Joseph A. Fischer, Inspector.
July 10, Charles J. McGuire, Clerk.
August 5, John Dunn, Inspector.
August 31, John H. Collins, Inspector.
September 4, William R. McGuire, Financial Clerk.

"Time Expired":

July 20, William F. Abbott, Temporary Clerk.
July 28, Thomas F. Cunningham, Temporary Clerk.
July 31, Thomas S. O'Brien, Temporary Clerk.
July 31, John T. Guilfoyle, Temporary Clerk.
July 31, Edgar E. Storch, Temporary Clerk.
July 31, John J. Bradley, Temporary Clerk.
July 31, David Kenny, Temporary Clerk.
July 31, Patrick McGauran, Temporary Clerk.
July 31, J. F. Driscoll, Temporary Clerk.
July 31, J. G. Woodlock, Temporary Clerk.
July 31, Joseph Shapiro, Temporary Clerk.
July 31, M. B. Arnold, Temporary Clerk.
July 31, James Seaton, Temporary Clerk.
July 31, A. T. Kelly, Temporary Clerk.
July 31, P. F. Albrecht, Temporary Clerk.
July 31, W. S. Davis, Temporary Clerk.
July 31, S. V. Owen, Jr., Temporary Clerk.
July 31, F. B. Swart, Temporary Clerk.
July 31, J. J. Quigley, Temporary Clerk.
September 15, Joseph Maurer, Temporary Inspector.

Transferred from this Office—

September 11, Francis M. McCoy, Inspector.

Leave of absence granted—

September 1, William F. McClure, Clerk; to November 1.
September 1, Henry C. Bampton, Inspector, to November 1.
September 17, Leonard Tuttle, Clerk, to November 17.

EXHIBIT "I."

Summary of Changes in Force During Quarter Ending September 30, 1903.
Appointments (temporary)—Inspectors, 20.
Transfers to this office—Clerk, 1; Inspector, 1.
Resignations—Inspector, 1.
Dismissals (on charges)—Clerks, 2; Inspectors, 3.
Dismissals (time expired)—Clerks (temporary), 19; Inspectors (temporary), 1.
Transfers from this office—Inspector, 1.
Leaves of absence granted—Clerks, 2; Inspectors, 1.
Total increases in force—Clerks, 1; Inspectors, 18.
Total decreases in force—Clerks, 21; Inspectors, 6.

"DOCUMENT IX."

Department of Water Supply, Gas and Electricity,
Bureau "Central Office,"
New York, December 29, 1903.

Hon. ROBERT GRIER MONROE, Commissioner:

Dear Sir—We transmit herewith contract statement for the period from July 1 to September 30, 1903.

Exhibit "A" is a statement of contracts let after advertisement for bids.

Exhibit "B" is a statement of contracts let without advertisement for bids.

Respectfully,

E. BEARDSLEY, General Bookkeeper.

F. W. SHEPARD, In Charge of Central Office.

EXHIBIT "A."

Contracts Let After Advertisement for Bids.

Contractor.	Contract.	Borough.	Date.	Surety.	Security.	Estimated Cost.
John J. Cashman.....	36-inch main and connections on Atlantic avenue, between Carlton and Flatbush avenues.....	Brooklyn	July 1	Empire State Surety Company.	\$5,000 00	\$24,938 50
John J. Cashman.....	48-inch main from Kidgewood Pumping Station along Atlantic, East New York and Eastern parkway to Mt. Prospect high service tower.....	Brooklyn	July 6	Empire State Surety Company and Fidelity and Deposit Company of Maryland.....	200,000 00	422,247 50
Morrisdale Coal Company.....	22,800 gross tons of semi-bituminous coal.....	Brooklyn	July 9	United States Fidelity and Guaranty Company	15,000 00	106,642 20
John Fox & Co.....	Stop-cocks and hydrants.....	Manhattan and The Bronx..	July 9	United States Fidelity and Guaranty Company	3,000 00	15,101 62
Phillip Wolf & Son.....	Storehouse and boiler house at Tottenville Pumping Station	Richmond	July 9	American Bonding Company of Baltimore	1,000 00	5,732 00
Williams & Gerstle.....	New boilers at Bayside and Flushing Pumping Stations, in Third Ward, Queens.....	Queens	July 14	United States Fidelity and Guaranty Company	3,000 00	15,820 00
Thornton N. Motley Company, Incorporated	2-inch wrought-iron pipe and fittings for driven test wells.	Manhattan and The Bronx..	July 23	City Trust, Safe Deposit and Surety Company of Philadelphia	500 00	1,812 50
Frederick N. Lewis.....	Two filter beds near Hempstead Storage Reservoir, Hempstead, L. I.....	Brooklyn	July 28	United States Fidelity and Guaranty Company	4,000 00	9,120 00
William E. Burke.....	Lubricating and illuminating oils and lubricating grease.....	Brooklyn	July 29	City Trust, Safe Deposit and Surety Company of Philadelphia	2,000 00	3,572 70
Clinton Beckwith	For improvement of East Branch Reservoirs, Town of South East, Putnam County, N. Y.....	Manhattan and The Bronx..	Aug. 11	United States Fidelity and Guaranty Company and Fidelity and Deposit Company of Maryland	25,000 00	119,810 00
Norton & Dalton Contracting Company	Mains in Forty-fourth street, between Fifth avenue and Broadway	Manhattan and The Bronx..	Aug. 17	Empire State Surety Company.	3,000 00	8,105 00
M. J. Drummond.....	Cast-iron pipes, branch pipes and special castings.....	Manhattan and The Bronx..	Sept. 21	City Trust, Safe Deposit and Surety Company of Philadelphia	10,000 00	28,980 60
Isaac Harris	Two filter beds at upper pond near Forest Stream Pumping Station, Rosedale, L. I.....	Brooklyn	Aug. 24	Empire State Surety Company and United States Fidelity and Guaranty Company	20,000 00	50,000 00
Frank McSwegan	Feed water heater and purifier at Pumping Stations Nos. 1 and 3, Queens.....	Queens	Aug. 24	Fidelity and Casualty Company of New York	500 00	2,020 00
Lloyd Collis	Mains in Honeywell, Nineteenth and Stebbins avenues, in Belmont, Dawson, Fox, etc.....	Manhattan and The Bronx..	Aug. 29	Empire State Surety Company, Fidelity and Deposit Company of Maryland	20,000 00	84,348 00
A. P. Smith Manufacturing Company.	Sleeves and gates for tapping machines—Section 1, 78 sleeves; Section 2, 87 sleeves.....	Brooklyn	Sept. 1	American Bonding Company of Baltimore	3,000 00	5,325 66
Julien P. Friez.....	Automatic water register, reservoir gauges.....	Manhattan and The Bronx..	Sept. 10	United States Fidelity and Guaranty Company and Fidelity and Deposit Company of Maryland	1,000 00	4,796 55
Clinton Beckwith	Mains in Lehigh Station, Pleasant Plains, Princes Bay, Seguine, etc	Richmond	Sept. 15	United States Fidelity and Guaranty Company and Fidelity and Deposit Company of Maryland	15,000 00	48,209 16
Clinton Beckwith	Mains in Jamaica, Jackson and other streets, and in Broadway	Queens	Sept. 15	United States Fidelity and Guaranty Company and Fidelity and Deposit Company of Maryland	15,000 00	51,469 23
M. J. Dady.....	Mains in Columbia, Furman, Fulton, etc.....	Brooklyn	Sept. 18	Empire State Surety Company and National Surety Company	100,000 00	213,626 15
M. J. Dady.....	Mains in Broadway, Park avenue, Sumner place and Hubbard street	Brooklyn	Sept. 18	Empire State Surety Company and National Surety Company	30,000 00	60,302 50
Cook & Cokefair.....	Lubricating oils	Manhattan and The Bronx..	Sept. 18	Actua Indemnity Company....	3,000 00	2,785 20
John Cornwell, Jr.....	Mains in Lenox, Park and Vanderbilt avenues, in Thirty-ninth, Forty-second, etc.....	Manhattan and The Bronx..	Sept. 19	Solomon Mehrbach and Jeanette Mehrbach	20,000 00	72,382 30
John Cornwell, Jr.....	Mains in Amsterdam avenue, etc.....	Manhattan and The Bronx..	Sept. 19	Solomon Mehrbach and Jeanette Mehrbach	20,000 00	94,217 00
General Chemical Company.....	Sulphate of alumina.....	Brooklyn	Sept. 21	American Surety Company....	600 00	1,254 00
William Gleichmann	Hay, oats, fine feed, corn meal and rock salt.....	Brooklyn	Sept. 21	Empire State Surety Company.	500 00	746 48
Hersey Manufacturing Company.....	Rotary type water meters.....	Manhattan and The Bronx..	Sept. 24	American Surety Company....	7,000 00	36,542 00
Neptune Meter Company.....	Disc type water meters.....	Manhattan and The Bronx..	Sept. 28	American Surety Company....	1,000 00	3,203 75
Thomas B. Harper.....	Driving wells at Pumping Station No. 3, in First Ward, Queens	Queens	Sept. 29	American Bonding Company of Baltimore	2,000 00	11,431 00
F. N. Du Bois.....	Caulking lead and caulking yarn.....	Brooklyn	Sept. 30	American Surety Company....	500 00	720 30
				Total.....	\$530,600 00	\$1,505,261 90

EXHIBIT "B."

Contracts Let Without Advertisement for Bids.

Contractor.	Contract.	Borough.	Date.	Surety.	Security.	Estimated Cost.
New York Water Company.....	Supplying water	Manhattan and The Bronx..	July 1	United States Fidelity and Guaranty Company	\$10,000 00	\$10,000 00
Jamaica Water Supply Company.....	Supplying water	Queens	July 1	American Surety Company....	15,000 00	6,602 00
Queens County Water Company.....	Supplying water	Brooklyn	Aug. 22	National Surety Company....	30,000 00	3,000 00
				Total.....	\$45,000 00	\$17,602 00

BOARD OF EDUCATION.

The Board of Education has entered into contracts with the following named contractors during the week commencing February 1, 1904:

Contractor and Address.		Sureties and Address.	
Manhattan..... No. 70.....	R. Solomon & Son, No. 1483 Second avenue, New York City.....	National Surety Company, No. 346 Broadway, New York City.	
Manhattan..... No. 70.....	Eugene Dietzgen Company, No. 119 West Twenty-third street, New York City.....	Aetna Indemnity Company, No. 68 William street, New York City.	
Manhattan..... No. 70.....	Annin & Co., No. 99 Fulton street, New York City.....	American Surety Company, No. 100 Broadway, New York City.	
Manhattan..... No. 70.....	Allan's Perforated Wrapping Paper Company, No. 99 Read street, New York City.....	American Surety Company, No. 100 Broadway, New York City.	
Manhattan..... No. 70.....	Leopold Ascher, No. 275 Canal street, New York City.....	Aetna Indemnity Company, No. 68 William street, New York City.	
Manhattan..... No. 70.....	D. J. Barry & Co., No. 123 Chambers street, New York City.....	Aetna Indemnity Company, No. 68 William street, New York City.	
Manhattan..... No. 70.....	William B. Harison, No. 65 East Fifty-ninth street, New York City.....	Aetna Indemnity Company, No. 68 William street, New York City.	
Manhattan..... No. 70.....	New Jersey Car Spring and Rubber Company, Jersey City, N. J.....	American Bonding Company of Baltimore, No. 253 Broadway, New York City.	
Manhattan..... No. 70.....	Vaughan's Feed Store, No. 141 Barclay street, New York City.....	United States Guarantee Company, No. 115 Broadway, New York City.	
Manhattan..... No. 70.....	Higham Corset Company, No. 460 Fulton street, Brooklyn.....	Empire State Surety Company, No. 375 Fulton street, Brooklyn.	
Manhattan..... Truant.....	American Ice Company, No. 161 West Twenty-fourth street, New York City.....	Oren Dennett, No. 12 East Sixty-eighth street, New York City; Charles A. Winch, No. 159 West Twenty-fourth street, New York City.	
Manhattan..... Truant.....	Burton-Davis Company, No. 186 Duane street, New York City.....	Aetna Indemnity Company, No. 68 William street, New York City.	
Manhattan..... Truant.....	H. G. Friedman, No. 211 Hancock street, Brooklyn.....	American Surety Company, No. 100 Broadway, New York City.	
Manhattan..... Truant.....	Samuel E. Hunter, No. 84 Dey street, New York City.....	Aetna Indemnity Company, No. 68 William street, New York City.	
Brooklyn..... No. 91.....	A. G. Spalding & Bro., No. 126 Nassau street, New York City.....	Fidelity and Deposit Company of Maryland, No. 97 Cedar street, New York City.	
Brooklyn..... No. 91.....	Louis Gluck, No. 211 East Fifty-ninth street, New York City.....	National Surety Company, No. 346 Broadway, New York City.	
Brooklyn..... No. 91.....	Abraham & Straus, Fulton street, Brooklyn.....	Aetna Indemnity Company, No. 44 Court street, Brooklyn.	
Brooklyn..... No. 91.....	Fred G. Lax, No. 113 West Twenty-fifth street, New York City.....	National Surety Company, No. 346 Broadway, New York City.	
The Bronx..... No. 29.....	Francis Sullivan, One Hundred and Eighty-ninth street and Valentine avenue, New York City.....	United States Fidelity and Guaranty Company, No. 66 Liberty street, New York City; Fidelity and Deposit Company of Maryland, No. 97 Cedar street, New York City.	
The Bronx..... No. 25.....	Thomas Cockerill & Son, No. 147 Columbus avenue, New York City.....	National Surety Company, No. 346 Broadway, New York City; Empire State Surety Company, No. 156 Broadway, New York City.	
The Bronx..... No. 25.....	John Spence Company, No. 217 West One Hundred and Twenty-fifth street, New York City.....	American Bonding Company of Baltimore, No. 253 Broadway, New York City.	
Richmond..... No. 1.....	Joseph Johnson's Sons, West New Brighton, S. I.....	Empire State Surety Company, No. 156 Broadway, New York City.	
Richmond..... No. 1.....	John F. Walsh, No. 111 East One Hundred and Seventeenth street, New York City.....	United States Fidelity and Guaranty Company, No. 66 Liberty street, New York City.	

A. EMERSON PALMER, Secretary, Board of Education.

LAW DEPARTMENT.

The following schedules form a report of the transactions of the office of the Corporation Counsel for the week ending January 30, 1904, as required by section 1546 of the Greater New York Charter.

NOTE.—(The City of New York or the Mayor, Aldermen and Commonalty of The City of New York is defendant, unless otherwise mentioned).

SCHEDULE "A."
Suits and Special Proceedings Instituted.

COURT.	REG- ISTER AND FOLIO.	WHEN COM- MENCED.	TITLE.	NATURE OF ACTION.
Supreme...	45 32	Jan. 25, 1904	Michaels, William H. (ex rel.), vs. John F. Atearn, etc....	Mandamus to compel reinstatement as Superintendent of Sewers.
" ..	45 33	Jan. 25, 1904	Underhill, Elizabeth A., vs. John B. McDonald, et al....	Summons only served.
Supreme, Kings Co. }	45 34	Jan. 25, 1904	Brooklyn Union Gas Co.	For gas furnished for Municipal Buildings, \$4,387.71.
Supreme ...	45 35	Jan. 25, 1904	Fleischmann, Julia, vs. Abraham Levin, et al....	To foreclose mortgage on No. 166 E. 104th St.
Municipal..	43 36	Jan. 25, 1904	Feldman, Samuel, vs. Thomas F. O'Connor, etc....	Summons only served.
Supreme, Kings Co. }	45 37	Jan. 25, 1904	Kalb, Ammee F.	Personal injuries, fall, ice, Broadway, \$5.00.
Supreme ...	45 42	Jan. 26, 1904	Beardsley, Edmund....	Salary as Clerk, Department of Water Supply, \$2,166.67.
Supreme, Kings Co. }	45 39	Jan. 26, 1904	{ Lefferts, Robert (ex rel.), vs. The Board of Estimate, and A. Portionment....	Mandamus to compel action of resolution as to Nostrand avenue sewer.
City.....	45 40	Jan. 26, 1904	Rahers, Augusta, vs. John McAdoo et al....	For false arrest and imprisonment, \$2,000.
County, Kings Co. }	45 41	Jan. 26, 1904	Maggio, Giuseppe (No. 2)....	Damage to property, overflow of sewer, \$2,00.
Supreme, Kings Co. }	45 43	Jan. 26, 1904	Dick, Sarah	Personal injuries, fall, condition of sidewalk, Eighty-fourth street, \$1,000.
Supreme ...	45 44	Jan. 26, 1904	Hogan, Mary P., vs. The City of New York et al. (No. 2)....	Summons only served.
" ..	45 45	Jan. 26, 1904	Hogan, Mary P., vs. The City of New York et al. (No. 2)....	Summons only served.
Supreme, Kings Co. }	45 46	Jan. 27, 1904	Glick, Mary....	Damage to property, overflow of sewer, \$1,384.
" ..	45 47	Jan. 27, 1904	Toerge, Nicholas....	Damage to property, overflow of sewer, \$1,35.
" ..	45 48	Jan. 27, 1904	Schilling, Charles J....	Personal injuries, being thrown from wagon, obstruction on Clinton street, \$5.00.
" ..	45 49	Jan. 27, 1904	Hayes, Jerome	Personal injuries, being thrown from wagon, obstruction on Clinton street, \$5.00.
Supreme ...	45 55	Jan. 27, 1904	Merwin, Edwin F. (ex rel.) vs. James H. Tully, etc....	Mandamus to compel reinstatement as General Inspector, Department of Charities.
Supreme, Queen Co., Municipal Kings Co. }	45 50	Jan. 27, 1904	Graves, George P....	Summons only served.
" ..	45 51	Jan. 27, 1904	Edwards, John F....	Damage to property, overflow of sewer, \$100.
" ..	45 52	Jan. 27, 1904	Eisler, Samuel....	Damage to property, overflow of sewer, \$40.
" ..	45 52	Jan. 27, 1904	Eisler, Rose....	Damage to property, overflow of sewer, \$35.
" ..	45 52	Jan. 27, 1904	Kuck, Henry....	Damage to property, overflow of sewer, \$75.13.
" ..	45 53	Jan. 27, 1904	Rutherford, John H....	Damage to property, overflow of sewer, \$118.41.
" ..	45 53	Jan. 27, 1904	Wohlers, William H....	Damage to property, overflow of sewer, \$16.18.
" ..	45 53	Jan. 27, 1904	Zachow, Arnold....	Damage to property, overflow of sewer, \$131.49.
Supreme, Queens Co. }	45 54	Jan. 27, 1904	Trumble, John J....	Salary as Engineer, Department of Water Supply, \$123.62.
Supreme...	45 56	Jan. 28, 1904	Schmidt, Barbara, executrix, etc., vs. Solomon Cohen, et al....	To foreclose mortgage on premises, Carmine street, 125 feet west of Bedford street.
Supreme, Kings Co. ..	45 57	Jan. 28, 1904	Brower, Daniel....	Summons only served.
" ..	45 58	Jan. 28, 1904	Brower, Chas....	Summons only served.
" ..	45 59	Jan. 28, 1904	Corbett, Robert B....	Summons only served.
" ..	45 60	Jan. 28, 1904	O'Neil, Edward....	Summons only served.
" ..	45 61	Jan. 28, 1904	Peterson, Peter C....	Summons only served.
" ..	45 62	Jan. 28, 1904	Rosenstock, Mayer, and another	Summons only served.
" ..	45 63	Jan. 28, 1904	Birch, Gustaf, administrator, etc....	For death of intestate killed, fall through defective pier, foot of Ninety-sixth street, \$20,000.
Supreme....	45 64	Jan. 28, 1904	Duffy, Lucinda....	Personal injuries, fall, condition of sidewalk, Longwood avenue, \$5,000.
Supreme, Kings Co. }	45 65	Jan. 28, 1904	Bremer, Henry W....	Damage to property, overflow of sewer, \$100.
" ..	45 66	Jan. 28, 1904	Dengel, Peter....	Damage to property, overflow of sewer, \$294.50.
" ..	45 66	Jan. 28, 1904	Fretzner, Charles....	Damage to property, overflow of sewer, \$150.
" ..	45 66	Jan. 28, 1904	Heinemann, George....	Damage to property, overflow of sewer, \$290.57.
" ..	45 67	Jan. 28, 1904	Lipschitz, Amelia....	Damage to property, overflow of sewer, \$600.
" ..	45 67	Jan. 28, 1904	Lewinson, Sophia....	Damage to property, overflow of sewer, \$1,040.
" ..	45 67	Jan. 28, 1904	Shad, Anna....	Damage to property, overflow of sewer, \$1,150.
" ..	45 68	Jan. 28, 1904	O'Brien, John, vs. William Ulmer and The City of New York....	Damage to building, fall of neighboring building, Schenck avenue, \$1,550.

COURT.	REGIS- TER AND FOLIO.	WHEN COM- MENCED.	TITLE.	NATURE OF ACTION.
Supreme...	45 69	Jan. 28, 1904	Rodgers, John C., Jr....	For less arising from breach of contract for paving Tremont avenue from Third avenue to Boston road, \$15,718.
" ..	45 79	Jan. 29, 1904	Prime, William J. (ex rel.), vs. Edward M. Grout, etc....	Mandamus to compel payment of award for Part II 262, In re White Plains road, etc., on payment of \$3.19 and interest to Chamberlain.
Municipal Man.	45 70	Jan. 29, 1904	Stone, Marcus, vs. Thomas F. O'Connor, etc....	Summons only served.
Supreme, Kings Co. }	45 71	Jan. 29, 1904	Seifer, Louise A....	To foreclose mortgage on premises, East Seventy-second street, 50 feet west of Avenue A.
Supreme ...	45 73	Jan. 29, 1904	Aspinall, John A., and another, Trustees, etc., vs. William Schaeffer et al....	Damage to property, overflow of sewer, \$350.
Supreme, Kings Co. }	45 72	Jan. 29, 1904	Muller, Alwine....	Damage to property, overflow of sewer, \$200.
Supreme, Rich. Co. }	45 74	Jan. 29, 1904	Hughes, Marion (ex rel.), vs. George F. Schaeffer, etc....	Mandamus to compel reinstatement as Chief Clerk.
Supreme ...	45 75	Jan. 29, 1904	Anopoli, Gittel (ex rel.), vs. John H. J. Ronner, etc....	Mandamus to compel correction of the Register's records.
Supreme, Kings Co. }	45 76	Jan. 29, 1904	Gillooly, Mary, vs. The City of New York and the Brooklyn Heights Railroad Company	Personal injuries, fall, excavation on Central avenue, \$10,000.
" ..	45 77	Jan. 29, 1904	Sheridan, William T., as administrator, etc., vs. The City of New York and John McNamee	For death of intestate killed, fall into excavation, New York avenue, \$15,000.
U. S. Dist. N. w. York }	45 86	Jan. 29, 1904	Heppenheimer, Henry....	Damage to property overflow of sewer, \$8,222.
Municipal...	45 80	Jan. 29, 1904	The City of New York vs. The New York and East River Ferry Company ...	Damage to steamer "Fidelity," in collision with ferryboat "Steinway."
Supreme, Kings Co. }	45 81	Jan. 29, 1904	Harrison, Jeffrey F., vs. James Clancy....	For false imprisonment, \$500.
Municipal Brooklyn. }	45 83	Jan. 30, 1904	Nichols, Mary....	Damage to property, overflow of sewer, \$355.
Supreme, Kings Co. }	45 84	Jan. 30, 1904	Chapman & Co	To recover amount of claim against a city employee, which Comptroller refused to deduct from latter's salary upon an execution issued, \$25.
" ..	45 85	Jan. 30, 1904	Novellano, James....	Damage to property, overflow of sewer, \$600.
" ..	45 85	Jan. 30, 1904	Kayser, Barbara....	Damage to property, overflow of sewer, \$256.45.
" ..	45 85	Jan. 30, 1904	Wildner, Magdalena....	Damage to property, overflow of sewer, \$1,750.
" ..	45 86	Jan. 30, 1904	Koch, Louis....	Damage to property, overflow of sewer, \$7,0.
" ..	45 87	Jan. 30, 1904	Holzhausen, Herman....	Damage to property, overflow of sewer, \$200.
" ..	45 88	Jan. 30, 1904	Hock, Mathilde....	Damage to property, overflow of sewer, \$ co.
" ..	45 88	Jan. 30, 1904	Josenhaus, Henry....	Damage to property, overflow of sewer, \$1,350.

City of New York vs. Margaret S. Ferrier et al.—Entered order discontinuing action without costs.

Consolidated Gas Company of New York—Entered order vacating injunction and discontinuing action without costs.

John McGavick—Entered order directing that exceptions be heard in the first instance at the Appellate Division.

People ex rel. Edgar McCabe vs. L. F. Haffen—Entered order striking case from calendar, and referring same to Special Term for final order, dismissing writ of mandamus.

Dora E. Morris, as Administratrix, etc.—Entered order denying defendant's motion for a new trial.

Frank Higgins vs. R. G. Monroe—Entered order dissolving temporary injunction, and denying plaintiff's motion to continue same pendente lite.

People ex rel. William H. Arnold vs. T. L. Feitner et al.—Entered order denying relator's motion to vacate the final order and reopen proceeding.

People ex rel. Hungarian Restaurant Company vs. J. L. Wells et al.—Order entered reducing assessment for 1903 to \$12,000.

People ex rel. John C. McGee vs. J. N. Partridge—Order entered denying relator's motion for a reargument of appeal at Court of Appeals, with \$10 costs to defendant.

People ex rel. W. L. Sexton & Co. vs. J. L. Wells et al.—Order entered reducing assessment for 1903 to \$36,707.

Rosa H. Buttenschoen—Order entered directing payment of surplus moneys to claimants.

People ex rel. William A. Taft as Receiver, etc., vs. J. L. Wells et al.—Order entered vacating assessment for 1903.

People ex rel. Thomas F. Campbell vs. J. N. Partridge—Entered order referring question of affidavits and further return to Edward Brown, Esq.

People ex rel. Robert S. Peterson vs. F. V. Greene—Entered order granting defendant's motion for a reargument and quashing writ of certiorari.

City of New York vs. New York Central and Hudson River Railroad Company—Entered judgment in favor of the plaintiff for \$200.

City of New York vs. Interurban Street Railway Company—Entered judgment in favor of plaintiff for \$100.

Re Pier, old 26, East river dock—Order entered overruling the City's objections to the awards and confirming the report of the Commissioners of Estimate.

People ex rel. Samuel McMillan vs. E. M. Grout—Order entered denying defendant's motion for a peremptory writ of mandamus.

Mary E. Coolidge as Administratrix, etc.—Order entered denying defendant's motion for a new trial.

Eliza Neill—Entered judgment in favor of the defendant and for \$166.50 costs.

Margaret Carney—Entered order denying motion for a new trial.

Nathalius Berendt—Entered judgment in favor of the defendant on the merits, and for \$106 costs.

Judgments were entered in favor of the plaintiffs in the following actions:

DATE.	NAME.	REGI- TER AND FOLIO.	AMOUNT.
Jan. 14	Heitmann, Claus.	15 418	\$123 54
Jan. 22	Lyons, Susie T.	3 432	145 99
Jan. 25	Penfield, William W.	26 307	252 25
Jan. 29	Morris, Dora E., administratrix.	37 519	6,750 40
	Coolidge, Mary E.	39 508	24,868 21

People ex rel. Merchants' Real Estate Company vs. J. L. Wells et al.—Defendants' motion to quash writ of certiorari argued before Leventritt, J. Decision reserved. D. Rumsey for the City.

Thomas Spencer—Motion for a new trial on the ground of newly discovered evidence, submitted to Bischoff, J. Decision reserved. J. T. Malone for the City. "Motion denied."

People ex rel. Jessie M. Gillender vs. J. L. Wells et al.—Tried before Bischoff, J. Decision reserved. D. Rumsey for the City.

People ex rel. Farmers' Loan and Trust Company vs. J. L. Wells et al.—Tried before Fitzgerald, J. Decision reserved. C. A. Peters for the City.

People ex rel. Cornelius Slade vs. J. L. Wells et al.—Tried before Bischoff, J. Decision reserved. D. Rumsey for the City.

John Barringer—Tried before Davis, J., and a jury. Verdict for defendant. J. L. Gordon for the City.

People ex rel. Nassau Electric Railroad Company vs. T. L. Feitner et al.—Reference proceeded and adjourned. G. S. Coleman for the City.

People ex rel. Cooper Union vs. J. L. Wells et al.—Tried before Bischoff, J. Decision reserved. C. A. Peters for the City.

People ex rel. A. G. Hyde & Sons Company vs. J. L. Wells et al.—Tried before Bischoff, J. Decision reserved. D. Rumsey for the City.

People ex rel. Weber Piano Company vs. J. L. Wells et al.—Tried before Dugro, J. Decision reserved. E. C. Kindleberger for the City.

Mary Lovelace—Tried before Truax, J., and a jury. Jury disagreed. W. J. O'Sullivan for the City.

City of New York vs. Bernard Golden and another—Tried before Joseph, J. Judgment for plaintiff for \$20. L. D. Ball, Jr., for the City.

People ex rel. Midvale Coal Company vs. J. L. Wells et al.—Tried before O'Gorman, J. Assessment vacated. C. A. Peters for the City.

Jessie Bird—Complaint dismissed by default before Truax, J. I. T. Burden, Jr., for the City.

Ann J. Armstrong—Tried before Davis, J., and a jury. Verdict for defendant. J. L. Gordon for the City.

People ex rel. Hugh Fitzpatrick vs. F. V. Greene—Motion for order directing defendant to file a supplemental return argued before Leventritt, J. Decision reserved. F. J. Byrne for the City.

People ex rel. Stanley Electric Manufacturing Company vs. J. L. Wells et al.—Tried before Bischoff, J. Decision reserved. D. Rumsey for the City.

People ex rel. I. Townsend Burden vs. J. L. Wells et al.—Reference proceeded and adjourned. D. Rumsey for the City.

People ex rel. Frederick E. F. Zwirz vs. F. V. Greene—Motion for mandamus argued before Leventritt, J. Decision reserved. T. Farley for the City.

People ex rel. Knickerbocker Safe Deposit Company vs. J. L. Wells et al.—Tried before Bischoff, J. Decision reserved. E. C. Kindleberger for the City.

Jeffrey F. Harrison vs. J. Clancy—Demurrer argued before Seaman, J., in Municipal Court. Decision reserved. H. P. Walker for the City. "Complaint dismissed with costs."

August Westphal and another—Motion for reargument of appeal submitted at Court of Appeals. Decision reserved. J. D. Bell for the City. "Motion denied."

Owen Boyle—Tried before Spencer, J., and a jury. Verdict for plaintiff for \$800. P. E. Callahan for the City.

People ex rel. John E. Eastmond vs. J. T. Oakley. Motion for mandamus argued before Dickey, J. Decision reserved. J. D. Bell for the City. "Alternative writ granted."

People ex rel. Robert Lefferts vs. Board of Estimate—Motion for peremptory writ of mandamus argued before Dickey, J. Decision reserved. J. D. Bell for the City.

Hearings before Commissioners of Estimate in Condemnation Proceedings:

Eighteenth to Twenty-third Streets, North River Dock, two hearings; Pier No. 23, East River Dock; Bulkhead between Piers Nos. 23 and 24, East River Dock; Pier No. 24, East River Dock, one hearing each—C. D. Olendorf for the City.

Bellevue Hospital Site, three hearings; Brooklyn Approach to East River Bridge, No. 3; Rapid Transit (Bergen avenue and One Hundred and Forty-ninth street); two hearings each; Manhattan Approach to East River Bridge No. 3; Brooklyn Terminal for East River Bridge No. 2; Fourth Avenue Widening; one hearing each—C. N. Harris for the City.

Vernon Avenue Park, one hearing—J. T. Malone for the City.

SCHEDULE "D."
Contracts, etc., Drafted, Examined and Approved as to Form.

DEPARTMENT.	CONTRACTS APPROVED AS TO FORM.	CONTRACTS EXAMINED AND REQUERED FOR REVISION.	ADVERTISEMENTS APPROVED AS TO FORM.
Education.....	20	..	2
Charities.....	1	1	..
Fire.....	6	..	1
Dock.....	3	..	1
Water Supply, Gas and Electricity.....	2	..	1
Borough Presidents.....	8	..	1
Bellevue and Allied Hospitals.....	4	..	1
Total.....	44	1	7

Bonds Approved.

Finances.....	7
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SCHEDULE "E."
Opinions Rendered to the Various Departments.

DEPARTMENT.	NUMBER OF OPINIONS.
Finance.....	19
Fire.....	1
Docks.....	3
Public Works.....	1
Water Supply, Gas and Electricity.....	4
Street Cleaning.....	3
Borough Presidents.....	1
Building.....	1
Municipal Civil Service Commission.....	1
Tenement House Commission.....	2
Health.....	1
Taxes and Assessments.....	2
Mayor.....	3
Estimate and Apportionment.....	1
Brooklyn Grade Crossing Commission.....	2
Total.....	47

JOHN J. DELANY, Corporation Counsel.

POLICE DEPARTMENT.

NEW YORK, February 20, 1904.

The following is a list of appointments, etc., in the Police Department from February 15 to 20, 1904, forwarded for publication pursuant to resolution of the Police Board adopted January 10, 1898:

February 15, 1904.

Appointed Patrolmen:

John J. Rhatigan, John J. Talt, Elbert H. Fagan, John J. Cosgrove, John J. Heaney.

February 16, 1904.

Appointed:

Michael Carroll, Daniel P. Hart and Gadalia M. Krams, as Patrolmen on probation.

Retired:

Patrolman Samuel Copeland, Seventy-fifth Precinct, at \$675 per annum.

Patrolman Abraham Brunner, Twenty-seventh Precinct, at \$700 per annum.

Death Reported:

Patrolman Peter McDonald, on February 12, 1904.

February 17, 1904.

Appointed:

Henry C. Snyder and Martin J. Fisher, as Patrolmen on probation.

Joseph J. Flynn and William H. Helmus, as Patrolmen.

Eliza Leary, as Cleaner, at \$30 per month.

February 18, 1904.

Appointed:

William J. Longuet, as Patrolman.

Temporary Employment Terminated:

Martin Judge and Richard G. Neighbors, as Stenographers.

WM. H. KIPP, Chief Clerk.

BOROUGH OF QUEENS.

COMMISSIONER OF PUBLIC WORKS,
NEW YORK, February 5, 1904.

In accordance with the provisions of section 1546 of chapter 466 of the Laws of 1901, I transmit herewith the following report of the transactions of the office of the Commissioner of Public Works, Borough of Queens, for the week ending December 30, 1903.

JOSEPH BERMEL,

Commissioner of Public Works, Borough of Queens.

PUBLIC MONEYS RECEIVED DURING THE WEEK.

For restoring pavement over street openings \$6 00

Total \$6 00

REQUISITIONS DRAWN ON COMPTROLLER.

Bureau of Highways.....	\$11,680 08
Bureau of Sewers.....	817 25
Bureau of Street Cleaning.....	1,784 04
Bureau of Public Buildings and Offices.....	6,608 91
Bureau of Topographical Surveys.....	809 00

Total \$21,789 28

PERMITS ISSUED.

To open streets to tap water pipes.....	4
To open streets to repair water connections.....	1
To open streets to make sewer connections.....	1
To place building material on streets.....	2
Special permits.....	13
For subways, steam mains and various connections.....	4
To repair sidewalks.....	1
For sewer connections.....	3

Total \$32

BUREAU OF HIGHWAYS.

Work Done Week ending December 26, 1903.

Macadam pavement repaired— Loads of screenings used.....	8
Trees cut down.....	3
Loads of screenings unloaded from scow.....	30
Loads of dirt used in washout.....	42
Loads of stone used in washout.....	26
Cubic yards of washout filled.....	20
 Viaducts and bridges— 16-foot plank. 2 by 2 by 3 inch catch basin. Erected shed 50 by 14 by 10 feet, using old material.	
Number of basins examined.....	20
Number of basins relieved.....	20
Open drains cleaned.....	300 feet
Culvert and stone drains cleaned and repaired.....	260 feet
 Street Sweepings, Garbage, etc., Collected and Disposed of.	
Ashes, loads.....	707
Sweepings, loads.....	1273 $\frac{1}{2}$
Garbage, loads.....	103 $\frac{1}{2}$
Rubbish, loads.....	59
Miles of streets swept.....	50

Bureau of Public Buildings and Offices.

Carpenter work, plastering, plumbing, repairs to buildings and cleaning.

Bureau of Topographical Surveys.

Under Way—Benefit map of Academy and Blackwell streets; damage map of Brill street and Lockwood street; plotting street lines of Richmond Hill; field work, locating streets of Richmond Hill, Woodhaven and Morris Park; plane table survey, Woodhaven and Forrest Park; Running levels of Steinway; leveling for contour and drainage map at Richmond Hill.

Statement of Laboring Force Employed Week ending December 26, 1903.

Bureau of Highways.

49 Mechanics, 22 Laborers, 2 Teams, 13 Horses and Carts.

Bureau of Sewers.

17 Mechanics, 15 Laborers.

Bureau of Street Cleaning.

46 Mechanics, 36 Laborers, 14 Teams, 28 Horses and Carts.

Bureau of Public Buildings and Offices.

43 Mechanics.

Bureau of Topographical Surveys.

8 Assistant Engineers, 10 Draughtsmen, 4 Transitmen, 2 Chainmen, 2 Foremen, 2 Assistants, 3 Drivers, 19 Laborers.

BOROUGH OF RICHMOND.

LOCAL BOARD—STATEN ISLAND DISTRICT.

Meeting Thursday, December 17, 1903, at 4 p. m.

Present—President Cromwell, Alderman Maloy, Alderman Gillies and Alderman Shea.

The minutes of the meeting of December 3 were approved.

Belmont street and Vine street, First Ward. Petition (380) to open. Resolution adopted recommending that the streets named be placed on the map of The City of New York.

Gordon street and Hudson street, Second Ward. Temporary storm water sewer.

The following resolution was moved by Alderman Gillies and was adopted:

Resolved, That a certain resolution, No. 112, adopted by the Local Board of the Staten Island District at a meeting on July 23, 1903, to wit:

To construct a temporary storm water sewer, with appurtenances, in Gordon and Hudson streets, in the Second Ward of the Borough of Richmond, from the culvert in Gordon street, north of Elm street, to the open brook in Hudson street, east of Gray street, in accordance with section 394 of the Greater New York Charter, and to do such other work as may be necessary to the completion of the work described, —be and the same hereby is rescinded; and it is hereby

Resolved, That a copy of this resolution be transmitted forthwith to the Board of Estimate and Apportionment for its approval.

Affirmative—Alderman Maloy, Alderman Gillies, Alderman Shea and President Cromwell.

Negative—None.

The following resolution was moved by Alderman Gillies and was adopted:

Whereas, A petition for a local improvement described below has been received by the President of the Borough of Richmond; and

Whereas, He has appointed a time for a meeting of the Local Board not more than fifteen days after the receipt by him of the said petition, at which meeting the said petition would be submitted by him to the said Local Board, and he has caused a notice to be published in the "City Record" that said petition has been presented to him and is on file in his office for inspection, and of the time when and the place where there would be a meeting of this Local Board at which the said petition would be submitted by him to the said Board, which time was not less than ten days after the publication of this notice; and

Whereas, The said petition was duly submitted thereafter to the said Local Board, which did duly consider the same and give a full hearing thereon; now therefore it is

Resolved, By the Local Board of the Staten Island District, pursuant to titles 2 and 3 of chapter 10 of the Greater New York Charter, that the said petition be and the same hereby is granted; and it is hereby

Resolved, That this Board does hereby initiate proceedings for the said local improvements, to wit:

To construct a temporary storm water sewer and necessary appurtenances in Gordon street, from the culvert about 270 feet north of Elm street to Hudson street, and in Hudson street from Gordon street to the open brook on the east line of Gray street, pursuant to section 394 of chapter 466 of the Laws of 1901, and to do such other work as may be necessary to the completion of the work described; and it is hereby

Resolved, That a copy of this resolution be transmitted forthwith to the Board of Estimate and Apportionment for its approval.

Affirmative—Alderman Maloy, Alderman Gillies, Alderman Shea and President Cromwell.

Negative—None.

Forest avenue, from Brooks avenue to Manor road, First Ward. To macadamize, etc.

The following resolution was moved by Alderman Maloy and was adopted:

Resolved, That this Board does hereby initiate proceedings for the said local improvements, to wit:

To regulate and grade Forest avenue, from Brooks avenue to Cherry lane, in the First Ward of the Borough of Richmond, as shown on a map or plan entitled "Plan and profile showing the location and laying out and the grades of Forest avenue, from Brooks avenue to Cherry lane, at the Manor road, in the First Ward, Borough of Richmond, The City of New York," and to pave the roadway thereof with macadam pavement, and to build the necessary bridge, abutments and wing walls, and to reset curbs and relay gutters on adjoining streets wherever affected by the new grade, and to do

such other work as may be necessary to the completion of the work described; and it is hereby

Resolved, That a copy of this resolution be transmitted forthwith to the Board of Estimate and Apportionment for its approval.

Affirmative—Alderman Maloy, Alderman Gillies, Alderman Shea and President Cromwell.

Negative—None.

College avenue, First Ward. To close a portion thereof.

The map or plan of The City of New York having been changed, on the recommendation of the President of the Borough, by eliminating the portion of College avenue, in Westerleigh, in the First Ward, known as the Circle, and by extending College avenue in a straight line on the line of a diameter of the Circle, President Cromwell, in order to initiate legal proceedings to vacate the title of the City in the Circle, proposed the following resolution, which was moved and adopted:

Resolved, That this Board does hereby initiate proceedings for the said local improvements, to wit:

To close certain portions of College avenue, in the First Ward of the Borough of Richmond, described as follows:

Parcel A.

Beginning at a point on the northerly line of College avenue distant 557.43 feet easterly from the intersection of the northerly line of College avenue with the easterly line of Jewett avenue;

1. Thence northeasterly, curving to the left on the arc of a circle of 20 feet radius and tangent to the northerly line of College avenue for 25.26 feet.

2. Thence still northeasterly, curving to the right on the arc of a circle of 145 feet radius and tangent to the preceding course, for 158 feet;

3. Thence southerly along the westerly line of a proposed street perpendicular to College avenue for 51.18 feet;

4. Thence southwesterly, curving to the left on the arc of a circle of 95 feet radius and concentric with second course, for 93.41 feet to the northerly line of College avenue;

5. Thence westerly along the northerly line of College avenue for 67.10 feet to the place of beginning.

Parcel B.

Beginning at a point on the northerly line of College avenue distant 65.14 feet easterly from the intersection of the northerly line of College avenue and the easterly line of a proposed street perpendicular to College avenue, to centre of which is about 715 feet east of the east line of Jewett avenue;

1. Thence easterly along the northerly line of College avenue for 67.10 feet;

2. Thence northwesterly, curving to the right in the arc of a circle of 20 feet radius and tangent to the preceding course, for 25.26 feet.

3. Thence still northwesterly, curving to the left on the arc of a circle of 145 feet radius and tangent to the preceding course, for 158 feet to the easterly line of the above-mentioned proposed street;

4. Thence southerly along the last-mentioned line for 51.18 feet;

5. Thence southeasterly, curving to the right on the arc of a circle of 95 feet radius and concentric with the third course, 93.41 feet to the point of beginning.

Parcel C.

Beginning at a point on the southerly line of College avenue distant 65.14 feet easterly from the intersection of the southerly line of College avenue and the easterly line of a proposed street perpendicular to College avenue, the centre of which is about 715 feet east of the east line of Jewett avenue;

1. Thence easterly along the southerly line of College avenue for 67.10 feet;

2. Thence southwesterly, curving to the left on the arc of a circle of 20 feet radius tangent to the preceding course, for 25.26 feet;

3. Thence still southwesterly, curving to the right on the arc of a circle of 145 feet radius and tangent to the preceding course, for 158 feet to the easterly line of the above-mentioned proposed street;

4. Thence northerly along the last-mentioned line for 51.18 feet;

5. Thence northeasterly, curving to the left on the arc of a circle of 95 feet radius and concentric with the third course, for 93.41 feet to the place of beginning.

Parcel D.

Beginning at a point on the southerly line of College avenue distant 556.26 feet easterly from the intersection of the easterly line of Jewett avenue and the southerly line of College avenue;

1. Thence southeasterly, curving to the right on the arc of a circle of 20 feet radius and tangent to the southerly line of College avenue, for 25.26 feet;

2. Thence still southeasterly, curving to the left on the arc of a circle of 145 feet radius and tangent to the preceding course, for 158 feet to the westerly line of a proposed street perpendicular to College avenue;

3. Thence southerly along the last-mentioned line for 51.18 feet;

4. Thence northwesterly, curving to the right on the arc of a circle of 95 feet radius and concentric to the second course, for 93.41 feet to the southerly line of College avenue;

5. Thence westerly along the last-mentioned line for 57.10 feet to the point of beginning.

The above-mentioned "proposed street," College avenue and Jewett avenue, being shown on a map entitled "Map or plan showing layout and grades of certain streets in the First Ward, Borough of Richmond, The City of New York," dated August 20, 1903, and approved September 30, 1903; and it is hereby

Resolved, That a copy of this resolution be transmitted forthwith to the Board of Estimate and Apportionment for its approval.

Affirmative—Alderman Maloy, Alderman Gillies, Alderman Shea and President Cromwell.

Negative—None.

On motion, the Board adjourned.

MAYBURY FLEMING, Secretary.

CHANGES IN DEPARTMENTS.

DEPARTMENT OF BRIDGES.

February 23—James Clark, of No. 467

West One Hundred and Sixty-sixth street, Manhattan, has this day been promoted from Fireman to Steam Engineer in the Department of Bridges, in accordance with certificate of the Municipal Civil Service Commission bearing even date, and his compensation fixed at \$1,277.50 per annum.

February 23—The temporary appointment of Frederick Van Z. Lane, of No. 159 Sidney avenue, Mount Vernon, N. Y., for three months, as Inspector of Masonry in the Department of Bridges, at 61 5-8 cents per hour, will terminate at close of day on Thursday, the 25th instant.

James Ryan, of No. 275 Front street, Brooklyn, Steam Engineer on bridges over Harlem river, at an annual compensation of \$1,277.50, died on the 19th instant.

AQUEDUCT COMMISSIONERS.

February 19—At a meeting of the Aqueduct Commissioners, February 18, the following appointments were made, the salaries of the appointees to take effect when assigned to duty, viz.: Superintendent of Dam Construction, James J.

Treanor, No. 940 Amsterdam avenue, \$4.50 per day. Stenographer and Typewriter, William McEvoy, No. 666 Prospect place, Brooklyn, \$75 per month.

DEPARTMENT OF DOCKS AND FERRIES.

February 19—James J. Gavin has been transferred from the position of Laborer to that of Dockbuilder, with compensation at the rate of 43 $\frac{3}{4}$ cents per hour while employed, to take effect February 20, 1904.

Bernard J. Byrne has been transferred from the position of Flagger to that of Mason's Helper, with compensation at the rate of 37 $\frac{1}{2}$ cents per hour while employed, to take effect February 20, 1904.

William Rennert has been transferred from the position of Flagger to that of Pipe Fitter, with compensation at the rate of 50 cents per hour while employed, to take effect February 20, 1904.

The salary of Norman B. Gardiner, Assistant Engineer, has been fixed at the rate of \$2,100 per annum, to take effect March 1, 1904.

William Pigott was transferred from the position of Blacksmith's Helper to that of Machinist's Helper, with compensation at the rate of 37 $\frac{1}{2}$ cents per hour while employed, to take effect February 20, 1904.

FIRE DEPARTMENT.

February 19—Reinstated, Boroughs of Brooklyn and Queens—Manley N. Cutter as Assistant Building Superintendent, with salary at the rate of \$1,950 per annum, to take effect from January 30, 1904.

Reinstated as Chief of Department—Edward F. Croker, from 10 A. M. February 9, 1904, pursuant to decision of the Appellate Division of the Supreme Court.

Retired on half-pay, Boroughs of Manhattan and the Bronx—Foreman Isaac Fisher, Engine 63, on application in writing and after more than 20 years' service, to take effect from February 23, 1904.

Resigned, Boroughs of Brooklyn and Queens—Assistant Building Superintendent Manley N. Cutter, to take effect from February 5, 1904.

Boroughs of Manhattan and The Bronx—Daniel J. Tobin, Lineman, Fire Alarm Telegraph Branch, to take effect from February 8, 1904.

Fireman 4th grade Joseph F. Jeckel, Hook and Ladder 3, to take effect from February 10, 1904.

Fireman 4th grade George W. Hoffman, Hook and Ladder 24, to take effect from February 15, 1904.

Appointed, Boroughs Manhattan and The Bronx—Albert Sinske, as Lamp-maker at Repair Shops, at \$4 per diem, to take effect from February 8, 1904.

John J. McEvenie, as Lineman, Fire Alarm Telegraph Branch, at salary of \$1,000 per annum, to take effect February 12, 1904.

BOARD OF ALDERMEN.

Office of the City Clerk, City Hall, New York, February 23, 1904.

Public notice is hereby given that the Committee on Buildings of the Board of Aldermen will hold a public hearing in the Aldermanic Chamber, City Hall, Borough of Manhattan, on Monday, February 29, 1904, at 3 o'clock P. M., on an ordinance in relation to erection of buildings.

All persons interested in the above matter are respectfully requested to attend.

P. J. SCULLY,
Clerk of the Board of Aldermen.

Office of the City Clerk, City Hall, New York, February 18, 1904.

Public notice is hereby given that the Committee on Railroads of the Board of Aldermen will hold a public hearing in the Aldermanic Chamber, City Hall, Borough of Manhattan, on Thursday, February 25, 1904, at 3 o'clock P. M., on an ordinance to repeal "An ordinance to regulate the running of street cars in the Borough of Queens."

All persons interested in the above matter are respectfully requested to attend.

P. J. SCULLY,
Clerk of the Board of Aldermen.



OFFICIAL DIRECTORY.

CITY OFFICERS.

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. 5 City Hall, 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.

Telephone, 1929 Cortlandt.

GEORGE B. McCLELLAN, Mayor.

JOHN H. O'BRIEN, Secretary.

G. TARLETON GOLTHWAITE, Assistant Secretary.

THOMAS HASSETT, Chief Clerk.

Bureau of Licenses.

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

Telephone, 706 Cortlandt.

JOHN P. CORRIGAN, Chief of Bureau.

Principal Office, Room 1, City Hall, GAEATANO D'AMATO, Deputy Chief, Boroughs of Manhattan and The Bronx.

Branch Office, Room 12, Borough Hall, Brooklyn, DANIEL J. GRIFFIN, Deputy Chief, Borough of Brooklyn.

Branch Office, Richmond Building, New Brighton, S. I., WILLIAM R. WORLFE, Financial Clerk, Borough of Richmond.

Branch Office, Hackett Building, Long Island City, CHARLES H. SMITH, Financial Clerk, Borough of Queens.

THE CITY RECORD OFFICE.

Bureau of Printing, Stationery and Blank Books, Supervisor's Office, Park Row Building, No. 21 Park Row, 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.

Telephone, 1505 and 1506 Cortlandt. Supply Room, No. 2 City Hall.

PATRICK J. TRACY, Supervisor; HENRY MC-

MILLER, Deputy Supervisor.

CITY CLERK AND CLERK OF THE BOARD OF ALDERMEN.

City Hall, Rooms 11-12, 10 A. M. to 4 P. M.; Saturdays, 10 A. M. to 12 M.

Telephone, 5365 Cortlandt.

P. J. SCULLY, City Clerk and Clerk of the Board of Aldermen.

THOMAS MURPHY, First Deputy City Clerk.

MICHAEL F. BLAKE, Chief Clerk of the Board of Aldermen.

JOSEPH V. SCULLY, Deputy City Clerk, Borough of Brooklyn.

THOMAS J. McCABE, Deputy City Clerk, Borough of The Bronx.

WILLIAM R. ZIMMERMAN, Deputy City Clerk, Borough of Queens.

MICHAEL J. COLLINS, Deputy City Clerk, Borough of Richmond.

BOARD OF ALDERMEN.

No. 11 City Hall, 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.

Telephone, 39 Cortlandt.

CHARLES V. FORNES, President.

P. J. SCULLY, City Clerk.

DEPARTMENT OF FINANCE.

Stewart Building, Chambers street and Broadway, 9 A. M. to 5 P. M.; Saturdays, 9 A. M. to 12 M.

EDWARD M. GROUT, Comptroller.

N. TAYLOR PHILLIPS and JAMES W. STEVENSON, Deputy Comptrollers.

HUBERT L. SMITH, Assistant Deputy Comptroller.

OLIVER E. STANTON, Secretary to Comptroller.

Main Division.

H. J. STORRS, Chief Clerk, Room 11.

Bookkeeping and Awards Division.

JOSEPH HAAG, Chief Bookkeeper, Room 8.

Stock and Bond Division.

JAMES J. SULLIVAN, Chief Stock and Bond Clerk, Room 39.

Bureau of Audit—Main Division.

WILLIAM MCKINNEY, Chief Auditor of Accounts, Room 27.

Law and Adjustment Division.

JAMES F. MCKINNEY, Auditor of Accounts, Room 183.

Investigating Division.

ROBERT B. MCINTYRE, Examiner in Charge, Room 173.

Charitable Institutions Division.

DANIEL C. POTTER, Chief Examiner of Accounts of Institutions, Room 49.

Bureau of the City Paymaster.

No. 83 Chambers street and No. 65 Reade street.

JOHN H. TIMMERMAN, City Paymaster.

Bureau of Engineering.

Stewart Building, Chambers street and Broadway.

EUGENE E. MCLEAN, Chief Engineer, Room 55.

Real Estate Bureau.

MORTIMER J. BROWN, Appraiser of Real Estate, Room 159.

Bureau for the Collection of Taxes.

Borough of Manhattan—Stewart Building, Room O.

DAVID E. AUSTEN, Receiver of Taxes.

JOHN J. McDONOUGH, Deputy Receiver of Taxes.

Borough of The Bronx—Municipal Building, Third and Tremont avenues.

JOHN B. UNDERHILL, Deputy Receiver of Taxes.

Borough of Brooklyn—Municipal Building, Rooms 2-8.

JACOB S. VAN WYCK, Deputy Receiver of Taxes.

Borough of Queens—Hackett Building, Jackson avenue and Fifth street, Long Island City.

FREDERICK W. BLACKWELL, Deputy Receiver of Taxes.

Borough of Richmond—Bay and Sand streets, Stapleton.

JOHN DEMORGAN, Deputy Receiver of Taxes.

Bureau for the Collection of Assessments and Arrears.

Borough of Manhattan—Stewart Building, Room 81.

EDWARD A. SLATTERY, Collector of Assessments and Arrears.

JOHN B. ADGER MULLALLY, Deputy Collector of Assessments and Arrears.

Borough of The Bronx—Municipal Building, Rooms 1-3.

JAMES J. DONOVAN, JR., Deputy Collector of Assessments and Arrears.

Borough of Brooklyn—Municipal Building.

SAMUEL N. GARRISON, Deputy Collector of Assessments and Arrears.

Borough of Queens—Hackett Building, Jackson avenue and Fifth street, Long Island City.

PATRICK E. LEARY, Deputy Collector of Assessments and Arrears.

Borough of Richmond—Bay and Sand streets, Stapleton.

GEORGE BRAND, Deputy Collector of Assessments and Arrears.

Bureau for the Collection of City Revenue and of Markets.

Stewart Building, Chambers street and Broadway, Room 139.

WILLIAM T. GOUNDE, Collector of City Revenue and Superintendent of Markets.

JAMES H. BALDWIN, Deputy Collector of City Revenue.

DAVID O'BRIEN, Deputy Superintendent of Markets.

Bureau of Municipal Accounts and Statistics.

Stewart Building, Chambers street and Broadway, Rooms 63 to 67; and Kings County Courthouse, Room 14, Borough of Brooklyn.

PATRICK KEENAN, City Chamberlain.

JOHN H. CAMPBELL, Deputy Chamberlain.

LAW DEPARTMENT.

Office of Corporation Counsel.

Staats-Zeitung Building, 2d, 3d and 4th floors, 9 A. M. to 5 P. M.; Saturdays, 9 A. M. to 12 M.

Telephone, 5366 Cortlandt.

JOHN J. DELANY, Corporation Counsel.

BUREAU OF THE CITY CHAMBERLAIN.

Stewart Building, Chambers street and Broadway, Room 14, Borough of Brooklyn.

PATRICK KEENAN, City Chamberlain.

JOHN H. CAMPBELL, Deputy Chamberlain.

BUREAU OF THE CORPORATION COUNSEL.

Staats-Zeitung Building, 2d, 3d and 4th floors,

9 A. M. to 5 P. M.; Saturdays, 9 A. M. to 12 M.

Telephone, 5366 Cortlandt.

JOHN J. DELANY, Corporation Counsel.

Assistants—THEODORE CONNOLY, CHARLES D. OLENDORF, GEORGE L. STERLING, CHARLES L. GUY, DR. WILLIAM J. O'SULLIVAN, JAMES LINDSAY GORDON, ARTHUR C. BUTTS, JAMES T. MALONE, JOHN L. O'BRIEN, HARTFORD PINCKNEY WALKER, JOHN P. O'BRIEN, THOMAS F. NOONAN, CHARLES MCINTYRE, JOHN C. BRECKINRIDGE.

Secretary to the Corporation Counsel—WILLIAM F. CLARKE.

JAMES D. BELL, Assistant, in charge of Brooklyn branch office.

GEORGE E. BLACKWELL, Assistant, in charge of Queens branch office.

DOUGLAS MATHEWSON, Assistant, in charge of Bronx branch office.

ALBERT E. HADLOCK, Assistant, in charge of Richmond branch office.

ANDREW T. CAMPBELL, Chief Clerk.

Tenement House Bureau and Building Bureau.

No. 61 Irving place, 9 A. M. to 5 P. M.; Saturdays, 9 A. M. to noon.

JOHN P. O'BRIEN, Assistant, in charge.

Bureau for Collection Arrears of Personal Taxes.

No. 280 Broadway (Stewart Building). Office hours for the public, 10 A. M. to 2 P. M.; Saturdays, 10 A. M. to 12 M.

HENRY STEINERT, Assistant, in charge.

Bureau for the Recovery of Penalties.

Nos. 119 and 121 Nassau street, 9 A. M. to 5 P. M.; Saturdays, 9 A. M. to 12 M.

HERMAN STIEFEL, Assistant, in charge.</p

DEPARTMENT OF PARKS.

JOHN J. PALLAS, Commissioner of Parks for the Boroughs of Manhattan and Richmond and President of the Park Board.

WILLIE HOLLY, Secretary, Park Board.

Offices, Arsenal, Central Park.

MICHAEL KENNEDY, Commissioner of Parks for the Boroughs of Brooklyn and Queens.

Offices, Litchfield Mansion, Prospect Park, Brooklyn.

WILLIAM P. SCHMITT, Commissioner of Parks for the Borough of the Bronx.

Offices, Zbrowski Mansion, Claremont Park.

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

DEPARTMENT OF TAXES AND ASSESSMENTS.

Stewart Building, No. 280 Broadway. Office hours, 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.

FRANK A. O'DONNEL, President; JOHN J. BRADY, EDWARD H. TODD, JAMES B. BOUCK, SAMUEL STRASSBOURGER.

MUNICIPAL CIVIL SERVICE COMMISSION.

No. 61 Elm street, 9 A. M. to 4 P. M.

JOHN H. MCCOOY, President; JOSEPH P. DAY, E. A. CROWNSHIELD, JEROME SIEGEL, HAL BELL, EUGENE F. O'CONNOR.

HENRY BERLINGER, Secretary.

BOARD OF ASSESSORS.

Office, No. 320 Broadway, 9 A. M. to 4 P. M.; Saturdays, 12 M.

ROBERT MUH, ANTONIO ZUCCA, CHARLES A. O'MALLEY.

DEPARTMENT OF EDUCATION.

BOARD OF EDUCATION.

Park avenue and Fifty-ninth street, Borough of Manhattan, 9 A. M. to 5 P. M. (in the month of August, 9 A. M. to 4 P. M.); Saturdays, 9 A. M. to 12 M.

HENRY A. ROGERS, President; FRANK L. BABBOTT, Vice-President; A. EMERSON PALMER, Secretary.

WILLIAM H. MAXWELL, City Superintendent of Schools.

C. B. J. SNYDER, Superintendent of School Buildings.

PATRICK JONES, Superintendent of School Supplies.

HENRY R. M. COOK, Auditor.

HENRY M. LEIPZIGER, Supervisor of Lectures.

CLAUDE G. LELAND, Superintendent of Libraries.

HENRY M. DEVOE, Supervisor of Janitors.

ART COMMISSION.

City Hall, Room 21.

Telephone call, 1197 Cortlandt.

JOHN DEWITT WARNER, President; J. CARROLL BUCKWITH, Vice-President; A. AUGUSTUS HEALY, President of Brooklyn Institute of Arts and Sciences, Secretary; GEORGE B. McCLELLAN, Mayor of The City of New York; FREDERICK W. RHINELENDER, President of Metropolitan Museum of Art; JOHN BIGELOW, President of New York Public Library; A. PHIMISTER PROCTOR, Sculptor; HENRY RUTGERS MARSHALL, Architect; JOHN D. CRIMMINS, LOVALL FARRAGUT.

MILTON R. MALTSE, Assistant Secretary.

ALICE S. CLARK, Clerk.

THE BOARD OF EXAMINERS OF THE CITY OF NEW YORK.

Rooms 6027 and 6028 Metropolitan Building, No. 1 Madison avenue, Borough of Manhattan. 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 noon.

Telephone, 5840 Gramercy.

WALTER COOK, Chairman; WILLIAM J. FRYER, WARREN A. CONOVER, CHARLES BUEK, WILLIAM C. SMITH, CHARLES G. SMITH, EDWARD F. CROKER.

THOMAS F. DONOHUE, Clerk.

Board meeting every Tuesday at 3 P. M.

EXAMINING BOARD OF PLUMBERS.

ROBERT McCABE, President; DAVID JONES, DENIS DONEGAN; *ex officio*, HORACE LOOMIS and P. J. ANDREWS.

Rooms 14, 15 and 16 Aldrich Building, Nos. 149 and 151 Church street.

Office open during business hours every day in the year, except legal holidays. Examinations are held on Monday, Wednesday and Friday, after 1 P. M.

BOROUGH OFFICES.

Borough of Manhattan.

Office of the President, Nos. 10, 11 and 12 City Hall, 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.

JOHN F. AHEARN, President.

BERNARD DOWNING, Secretary.

ISAAC A. HOPPER, Superintendent of Buildings.

WILLIAM DALTON, Commissioner of Public Works.

JAMES J. HAGAN, Assistant Commissioner of Public Works.

WILLIAM H. WALKER, Superintendent of Public Buildings and Offices.

MATTHEW F. DONOHUE, Superintendent of Sewers.

JOHN L. JORDAN, Assistant Superintendent of Buildings.

GEORGE F. SCANNELL, Superintendent of Highways.

Borough of The Bronx.

Office of the President, 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. HAFERN, President.

HENRY A. GUMBLETON, Secretary.

PATRICK J. REVILLE, Superintendent of Buildings.

HENRY BRUCKNER, Commissioner of Public Works.

Borough of Brooklyn.

President's Office, No. 11 Borough Hall, 9 A. M. to 4:30 P. M.; Saturdays, 9 A. M. to 12 M.

MARTIN W. LITTLETON, President.

JOHN A. HEFFERNAN, Secretary.

JOHN C. BRACKENRIDGE, Commissioner of Public Works.

JAMES S. REGAN, Assistant Commissioner of Public Works.

PETER J. COLLINS, Superintendent of Buildings.

GEORGE W. TILSON, Chief Engineer in Charge, Bureau of Highways.

ARTHUR J. O'KEEFE, Superintendent of the Bureau of Sewers.

CHARLES C. WISE, Superintendent of the Bureau of Public Buildings and Offices.

JAMES A. RONNEY, Supervisor of Complaints.

BOROUGH OF QUEENS.

President's Office, Borough Hall, Jackson avenue and Fifth street, Long Island City.

JOSEPH CASSIDY, President.

CHARLES J. JERVIS, Secretary to the President.

JOSEPH BERMEL, Commissioner of Public Works.

SAMUEL GRENNON, Superintendent of Highways.

Office, Hackett Building, Long Island City.

JOSEPH F. POWERS, Superintendent of Buildings.

PHILIP T. CRONIN, Superintendent of Public Buildings and Offices.

MATTHEW J. GOLDNER, Superintendent of Sewers.

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

BOROUGH OF RICHMOND.

President's Office, New Brighton, Staten Island.

GEORGE CROMWELL, President.

MARYBURY FLEMING, Secretary to the President.

LOUIS LINCOLN TRIBUS, Commissioner of Public Works.

JOHN SEATON, Superintendent of Buildings.

JOHN TIMLIN, Jr., Superintendent of Public Buildings and Offices.

H. E. BUEL, Superintendent of Highways.

RICHARD T. FOX, Superintendent of Street Cleaning.

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

CORONERS.

Borough of Manhattan—Office, New Criminal Court Building. Open at all times of day and night.

SOLOMON GOLDENKRANZ, NICHOLAS T. BROWN, GUSTAV SCHOLER, MOSES J. JACKSON.

Borough of The Bronx—Corner of Third avenue and One Hundred and Seventy-seventh street. Telephone, 333 Tremont.

WALTER H. HENNING, Chief Clerk.

WILLIAM O'GORMAN, JR.; JOSEPH I. BERRY.

Borough of Brooklyn—Office, Room 17, Borough Hall, Telephone, 4004 Main and 4005 Main.

PHILIP T. WILLIAMS, MICHAEL J. FLAHERTY.

JAMES L. GERON, Chief Clerk.

Open at all hours of day and night, except between the hours of 12 M. and 5 P. M. on Sundays and holidays.

Borough of Queens—Office, Borough Hall, Fulton street, Jamaica, L. I.

SAMUEL D. NUTT, LEONARD RUOFF, JR.

MARTIN MAGER, JR., Chief Clerk.

Office hours from 9 A. M. to 4 P. M.

Borough of Richmond—No. 46 Richmond road, Stapleton. Open for the transaction of business all hours of the day and night.

GEORGE F. SCHAFER.

NEW YORK COUNTY OFFICES.

SURROGATE.

New County Court-house. Court open from 9 A. M. to 4 P. M., except Saturdays, when it closes at 12 M. During the months of July and August the hours are from 9 A. M. to 2 P. M.

FRANK T. FITZGERALD, ABNER C. THOMAS, Surrogates; WILLIAM V. LEARY, Chief Clerk.

SHERIFF.

Stewart Building, 9 A. M. to 4 P. M.

MICHAEL L. ERLANGER, Sheriff; JULIUS HARBURGER, Under Sheriff.

COUNTY JAIL.

No. 70 Ludlow street, 6 A. M. to 10 P. M. daily.

MICHAEL L. ERLANGER, Sheriff.

THOMAS H. SULLIVAN, Warden.

DISTRICT ATTORNEY.

Building for Criminal Courts, Franklin and Centre streets.

Office hours from 9 A. M. to 5 P. M.; Saturdays, 9 A. M. to 12 M.

WILLIAM TRAVERS JEROME, District Attorney.

JOHN A. HENNEBERRY, Chief Clerk.

REGISTER.

No. 116 Nassau street. Office hours from 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.

During the months of July and August the hours are from 9 A. M. to 2 P. M.

JOHN H. J. RONNER, Register; HENRY H. SHERMAN, Deputy Register.

COUNTY CLERK.

Nos. 8, 9, 10 and 11 New County Court-house.

Office hours from 9 A. M. to 2 P. M.

THOMAS L. HAMILTON, County Clerk.

HENRY BIRRELL, Deputy.

PATRICK H. DUNN, Secretary.

COMMISSIONER OF JURORS.

Room 127, Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.

THOMAS ALLISON, Commissioner.

MATTHEW F. NEVILLE, Assistant Commissioner.

FREDERICK P. SIMPSON, Assistant Commissioner.

FREDERICK O'BRYNE, Secretary.

PUBLIC ADMINISTRATOR.

No. 119 Nassau street, 9 A. M. to 4 P. M.

WILLIAM M. HOES, Public Administrator.

KINGS COUNTY OFFICES.

COUNTY COURT, KINGS COUNTY.

County Court-house, Brooklyn, Rooms, 10, 19, 28 and 29. Court opens at 10 A. M. daily, and sits until business is completed. Part I, Room No. 23; Part II, Room No. 10, Court-house. Clerk's Office, Rooms 19 and 22, open daily from 9 A. M. to 4 P. M.; Saturdays, 12 M.

JOSEPH ASPINWALL and FREDERICK E. CRANE, County Judges.

CHARLES S. DEVON, Chief Clerk.

SURROGATE.

Hall of

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, southeastern 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.
City Magistrates—ALFRED E. STEERS, A. V. B. VOORHEES, JR.; JAMES G. TIGHE, EDWARD J. DOOLEY, JOHN NAUMER, E. G. HIGGENBOTHAM, FRANK E. O'REILLY, HENRY J. FURLONG, President of Board, JAMES G. TIGHE, No. 184½ Bergen street.
Secretary to the Board, THOMAS D. OSBORN, West Eighth street, Coney Island.
First District—No. 318 Adams street.
Second District—Court and Butler streets.
Third District—Myrtle and Vanderbilt avenues.
Fourth District—Lee avenue and Clymer street.
Fifth District—Manhattan avenue and Powers street.
Sixth District—Gates and Reid avenues.
Seventh District—Grant street (Flatbush).
Eighth District—West Eighth street (Coney Island).

Borough of Queens.

City Magistrates—MATTHEW J. SMITH, LUKE J. CONNORTON, EDMUND J. HEALY, First District—Long Island City.
Second District—Flushing.
Third District—Far Rockaway.

Borough of Richmond.

City Magistrates—JOHN CROAK, NATHANIEL MARSH, First District—New Brighton, Staten Island.
Second District—Stapleton, Staten Island.

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. THOMAS O'CONNELL, 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.

HERMAN 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 opens daily (Sundays and legal holidays excepted) from 9 A. M. to 4 P. M.
W. M. F. MOORE, Justice. DANIEL WILLIAMS, Clerk.

Fourth District—Tenth and Seventeenth Wards. Court-room, No. 30 First street, corner Second avenue. Clerk's Office open daily from 9 A. M. to 4 P. M. Court opens at 10 A. M. daily, and remains open to close of business.

GEORGE F. ROESCH, Justice; ANDREW LANG, Clerk.

Fifth District—The Fifth District embraces the Eleventh Ward and all that portion of the Thirteenth Ward which lies east of the centre line of Norfolk street and north of the centre line of Grand street and west of the centre line of Pitt street and north of the centre line of Delancey street. Court-room, No. 154 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 at 9 A. M. daily, and continues open until close of business.

DANIEL F. MARTIN, Justice. ABRAM BERNARD, Clerk.

Seventh District—Nineteenth Ward. Court-room, No. 151 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 9 A. M. and continues open until close of business. Summary proceedings to return causes called 9.30 A. M. Calendar trial causes, 10 A. M. Clerk's Office open from 9 A. M. to 4 P. M., and on Saturdays until 12 M.

Trial days and Return days, each Court day.

JAMES W. MC LAUGHLIN, Justice.

HENRY MERZBACH, 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. KENNEY, Clerk.

Clerk's Office open from 9 A. M. to 4 P. M.
Tenth District—The Tenth District embraces that portion of the Twenty-second Ward south of Seventieth street. 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—The Eleventh District embraces that portion of the Twelfth Ward which lies north of the centre line of West One Hundred and Tenth street, between Lenox avenue and Seventh avenue; north of the centre line of One Hundred and Twentieth street, between Seventh avenue and Broadway; north of the centre line of One Hundred and Nineteenth street, between Broadway and the North or Hudson river, 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-sixth street and Columbus avenue. Clerk's Office open daily (Sundays and legal holidays excepted) from 9 A. M. to 4 P. M. Court convenes daily at 9.45 A. M.

FRANCIS J. WORCESTER, Justice. HERMAN B. WILSON, Clerk.

Twelfth District—The Twelfth District embraces that portion of the Twenty-second Ward north of Seventieth street, and that portion of the Twelfth Ward which lies north of the centre line of Eighty-sixth street and west of the centre line of Seventh avenue, and south of the centre line of One Hundred and Twentieth street, between

Seventh avenue and Broadway, and south of the centre line of One Hundred and Nineteenth street, between Broadway and the North or Hudson river. Court-room, No. 2630 Broadway.

ALFRED P. W. SEAMON, Justice. JAMES V. GILLOON, Clerk.
Thirteenth District—South side of Delancey street, from East river to Pitt street; east side of Pitt street, Grand street, south side of Grand street to Norfolk street, east side of Norfolk street to Division street, south side of Division street to Catharine street, east side of Catharine street to East river. Clerk's Office open daily (Sundays and legal holidays excepted) from 9 A. M. to 4 P. M.

LEON SONDER, Justice; JAMES J. DEVLIN, Clerk. Court-room, No. 200 East Broadway.

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 104 of the Laws of 1895, comprising all of the late Town of Westchester, and part of the Towns of Eastchester and Pelham, including the Villages of Wakefield and Williamsbridge. Court-room, Town Hall, Main street, Westchester Village. 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. PENFIELD, Justice. THOMAS F. DELEHANTY, Clerk.

Office hours from 9 A. M. to 5 P. M.; Saturdays, closing at 12 M.

Second District—Twenty-third and Twenty-fourth Wards, except the territory described in chapter 934 of the Laws of 1895. Court-room, corner 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. THOMAS A. MAHER, 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, Ninth, Eleventh, Twentieth, Twenty-first and Twenty-third Wards. Court-room located at No. 1217 Bedford avenue, Brooklyn. Calendar called at 10 o'clock A. M.

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. to 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 GOHLINGHORST, Clerk; JAMES P. SINNOTT, Assistant Clerk.

Clerk's Office open from 9 A. M. to 4 P. M.

Fifth District—Eighth, Twenty-second, Twenty-ninth, Thirtieth, Thirty-first and Thirty-second Wards. Court-house, Bay Twenty-second street and Bath avenue, Bath Beach. Telephone, 83 Bath.

CORNELIUS FURGUESON, 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 comprising five wards). Court-room, No. 46 Jackson avenue, Long Island City.

Clerk's Office open from 9 A. M. to 4 P. M. each day, excepting Saturdays, closing at 12 M. Trial days, Mondays, Wednesdays and Fridays. All other business transacted on Tuesdays and Thursdays.

THOMAS C. KADEN, Justice. THOMAS F. KENNEDY, Clerk.

Second District—Second and Third Wards, which includes the territory of the late Towns of Newtown and Flushing. Court-room, in Court-house of the 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, Clerk.

Clerk's Office open from 9 A. M. to 4 P. M.

Third District—JAMES F. MC LAUGHLIN, 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, former Village Hall, Lafayette avenue and Second street, New Brighton.

JOHN J. KENNY, Justice. FRANCIS F. LEMAN, Clerk.

Clerk's Office open from 9 A. M. to 4 P. M.

Court held each day, except Saturdays, 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 TIERNAN, Clerk.

Clerk's Office open from 9 A. M. to 4 P. M.

Court held each day from 10 A. M., and continues until close of business.

MUNICIPAL CIVIL SERVICE COMMISSION.

MUNICIPAL CIVIL SERVICE COMMISSION, No. 61 ELM STREET, CITY OF NEW YORK.

FEBRUARY 28, 1904.

PUBLIC NOTICE IS HEREBY GIVEN THAT open competitive examinations will be held for the following positions:

ARCHITECTURAL DRAUGHTSMAN, THURSDAY, MARCH 10, 1904, AT 10 A. M.

The receipt of applications will close on Friday, March 4, at 4 P. M.

The subjects and weights of the examination are as follows:

Technical Knowledge.....

Experience.....

Mathematics.....

Handwriting and General Neatness.....

Candidates will be required to obtain 75 per cent. on the technical paper.

There are from 10 to 25 vacancies in the Building Bureau of the Board of Education.

Candidates will be required to furnish their own drawing materials and appurtenances.

The compensation attached to this position is from \$18 to \$35 per week.

The minimum age is 21.

The Board of Education needs Draughtsmen of different qualifications; these are mainly as follows:

Designers.

Structural Steel Draughtsmen.

General Draughtsmen.

—with knowledge of masonry, iron and wood construction, etc.
Sanitary Draughtsmen, etc.

The papers will be so drawn as to enable candidates to choose which one of the above they prefer. At the same time an examination will be held for Draughtsmen of a lower grade (Assistant Draughtsman). The examination for this position will be more elementary and more general.

The compensation attached to the latter position is from \$18 to \$35 per week.

The minimum age is 18.

FEBRUARY 18, 1904.

POLICE MATRON, FRIDAY, MARCH 18, 1904, AT 10 A. M.

The receipt of applications will close on Saturday, March 5, at 12 M.

The subjects and weights of the examination are as follows:

Duties.....

Experience.....

Handwriting.....

Arithmetic.....

Required percentage is 70. It is impossible to foretell the number of vacancies, but 6 appointments were made during 1903.

A physical examination is required as a preliminary to the mental.

The compensation attached to this position is \$1,000.

Applicants must be not less than 30 nor more than 50 years of age.

HENRY BERLINGER, Secretary.

PUBLIC NOTICE IS HEREBY GIVEN THAT open competitive examinations will be held for the following positions:

FEBRUARY 6, 1904.

CLERK (MEN ONLY) First to Fourth Grades. Salary \$750 to \$1,200.

Time and place of examination to be announced hereafter.

The subjects and weights of the examination are as follows:

Spelling.....

Dictation.....

Handwriting.....

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thereon at the rate of seven per centum per annum, to be calculated to the date of payment from the date when such assessments became liens, as provided by section 159 of this act."

Section 159 of this act provides * * * "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record."

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 Assessments and of Water Rents, in the Municipal Building, Borough of Brooklyn, between the hours of 9 A. M. and 2 P. M., and on Saturdays from 9 A. M. until 12 M., and all payments made thereon on or before April 18, 1904, 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 centum per annum from the date when the above assessments became liens to the date of payment.

EDWARD M. GROUT,
Comptroller.

CITY OF NEW YORK—DEPARTMENT OF FINANCE,
COMPTROLLER'S OFFICE, February 17, 1904.

ff18,m3

NOTICE OF ASSESSMENTS FOR OPENING STREETS AND PARKS.

IN PURSUANCE OF SECTION 1005 OF THE Greater New York Charter, the Comptroller of the City of New York hereby gives public notice of the confirmation by the Supreme Court, and the entering in the Bureau for the Collection of Assessments and Arrears, of the assessment for OPENING AND ACQUIRING TITLE to the following-named street in the BOROUGH OF THE BRONX:

TWENTY-FOURTH WARD, SECTION 11.

VYSE STREET—OPENING, from Boston road to the Bronx Park. Confirmed December 18, 1903; entered February 17, 1904. Area of assessment includes all those lands, tenements and hereditaments and premises situate, 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 northerly side of East One Hundred and Seventy-fourth street with a line drawn parallel to the northwesterly side of Vyse street and distant 100 feet northwesterly therefrom; running thence northeasterly along said parallel line and its prolongation northeasterly to its intersection with the southwesterly prolongation of the middle line of the block between Boston road and Vyse street on the southeast and Daly avenue on the north-west; thence northeasterly along said southwesterly prolongation and middle line of the block to its intersection with the middle line of the block between East One Hundred and Seventy-ninth street and East One Hundred and Eightieth street; thence northwesterly along said middle line of the block to the southeasterly side of Daly avenue; thence northeasterly along said southeasterly side of Daly avenue and its prolongation northeasterly to its intersection with a line drawn parallel to the northeasterly side of East One Hundred and Eighty-second street and distant 100 feet northeasterly therefrom; thence southeasterly along said parallel line to its intersection with the northeasterly prolongation of the northwesterly side of Bryant street; thence southwesterly along said northeasterly prolongation and northwesterly side of Bryant street to the middle line of the block between East One Hundred and Seventy-ninth street and East One Hundred and Eightieth street; thence northwesterly along said middle line of the block to its intersection with the middle line of the block between Vyse street and Bryant street; thence southwesterly along said middle line of the block to the northerly side of Boston road; thence southerly to the intersection of the southerly side of Boston road with the northwesterly side of Bryant street; thence southwesterly along said northwesterly side of Bryant street to its intersection with a line drawn parallel to the southwesterly side of East One Hundred and Seventy-sixth street and distant 100 feet southwesterly therefrom; thence northwesterly along said parallel line to its intersection with a line drawn parallel to the southeasterly line of Vyse street and distant 100 feet southeasterly therefrom; thence southwesterly along said parallel line to the northerly side of East One Hundred and Seventy-fourth street; thence westerly along said northerly side of East One Hundred and Seventy-fourth street to the point or place of beginning.

The above-entitled assessment was entered on the date hereinbefore given in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents. 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 1005 of the 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 centum per annum, to be calculated to the date of payment from the date when such assessment became a lien, as provided by section 159 of this act."

Section 159 of this act provides * * * "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record."

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 Assessments and of Water Rents, in the Municipal Building, corner of One Hundred and Seventy-seventh street and Third avenue, Borough of The Bronx, between the hours of 9 A. M. to 12 M., and all payments made thereon on or before April 18, 1904, 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 centum per annum from the date when the above assessment became a lien to the date of payment.

EDWARD M. GROUT,
Comptroller.

CITY OF NEW YORK—DEPARTMENT OF FINANCE,
COMPTROLLER'S OFFICE, February 17, 1904.

ff18,m3

NOTICE TO PROPERTY-OWNERS.

IN PURSUANCE OF SECTION 1008 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 BROOKLYN:

TWENTY-FIFTH WARD, SECTION 6.

CHAUNCEY STREET—LAYING CEMENT SIDEWALKS, south side, between Howard and Saratoga avenues. Area of assessment: South side of Chauncey street, between Howard and Saratoga avenues, on Block 1514, Lots Nos. 1, 11 and 12.

HALSEY STREET—LAYING CEMENT SIDEWALK, north side, between Saratoga avenue and Broadway. Area of assessment: North side of Halsey street, between Saratoga avenue and Broadway, on Block 1492, Lots Nos. 28 and 31.

HALSEY STREET—LAYING CEMENT SIDEWALK, south side, between Saratoga avenue and Broadway. Area of assessment: South

side of Halsey street, between Saratoga avenue and Broadway, on Block 1495, Lots Nos. 12 and 26.

HOWARD AVENUE—LAYING CEMENT SIDEWALKS, east side, between Chauncey and Bainbridge streets. Area of assessment: East side of Howard avenue, between Chauncey and Bainbridge streets, on Block 1509, Lots Nos. 1 and 6.

HOWARD AVENUE—LAYING CEMENT SIDEWALKS, west side, between Chauncey and Bainbridge streets. Area of assessment: West side of Howard avenue, between Chauncey and Bainbridge streets, on Block 1508, Lot No. 49.

HOWARD AVENUE—LAYING CEMENT SIDEWALK, east side, between Fulton and McDougal streets. Area of assessment: East side of Howard avenue, from Fulton to McDougal street, on Block 1531, Lots Nos. 1 and 71.

HOWARD AVENUE—LAYING CEMENT SIDEWALKS, east side, between Madison and Monroe streets. Area of assessment: East side of Howard avenue, between Madison street and Broadway, on Block 1482, Lot No. 1.

HOWARD AVENUE—LAYING CEMENT SIDEWALK, east side, between Sumpter and Marion streets. Area of assessment: East side of Howard avenue, between Sumpter and Marion streets, on Block 1519, Lot No. 7.

SARATOGA AVENUE—LAYING CEMENT SIDEWALKS, west side, between Fulton and Hull streets; FULTON STREET—LAYING CEMENT SIDEWALKS, north side, between Saratoga and Hull street. Area of assessment: West side of Saratoga avenue, between Fulton and Hull street. Area of assessment: West side of Saratoga avenue, between Fulton and Hull street, on Block 1530, Lot No. 1.

SARATOGA AVENUE—LAYING CEMENT SIDEWALKS, northeast corner of Halsey street. Area of assessment: Northeast corner of Saratoga avenue and Halsey street, on Block 1492, Lot No. 47.

SARATOGA AVENUE—LAYING CEMENT SIDEWALKS, west side, between Halsey and Hancock streets. Area of assessment: West side of Saratoga avenue, between Halsey and Hancock streets, on Block 1491, Lot No. 35.

—that the same were confirmed by the Board of Assessors on February 9, 1904, and entered on February 10, 1904, in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments, and Arrears of Taxes and Assessments and 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 1009 of this act.

Section 159 of this act provides * * * "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record."

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 Assessments and of Water Rents, in the Municipal Building, Borough of Brooklyn, between the hours of 9 A. M. and 2 P. M., and on Saturdays, from 9 A. M. until 12 M., and all payments made thereon on or before April 18, 1904, 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 centum per annum from the date when the above assessments became liens to the date of payment.

EDWARD M. GROUT,
Comptroller.

CITY OF NEW YORK—DEPARTMENT OF FINANCE,
COMPTROLLER'S OFFICE, February 10, 1904.

ff18,m3

DEPARTMENT OF FINANCE, CITY OF NEW YORK, March 26, 1903.

UNTIL FURTHER NOTICE AND UNLESS otherwise directed in any special case, one surety company will be accepted as sufficient upon all contracts for supplies for furniture, and for gas and electric lighting to any amount, and upon the following contracts to the amounts named:

For supplies and furniture, with patented articles \$5,000

Regulating, grading, paving (other than asphalt) —

Not over 2 years 25,000

Over 2 years 5,000

School building repairs 10,000

Heating and lighting apparatus 5,000

New buildings—New docks 25,000

Sewers—Dredging and water mains —

Not over 2 years 10,000

Over 2 years 5,000

EDWARD M. GROUT, Comptroller.

ff16,26

The sale will take place on the ground. Plan and description of the buildings may be examined at the office of the Assistant Commissioner of Public Works, Room 15, Municipal Building, Borough of Brooklyn.

TERMS OF SALE.

Cash payment in bankable funds at the time and place of sale, and the entire removal of buildings, or parts of buildings, from the street by the purchaser or purchasers within twenty days after the sale. If the purchaser or purchasers fails or fail to effect the removal within that time, he or they shall forfeit his or their purchases and the ownership of the buildings, or parts of buildings.

JAMES S. REGAN.

ff16,26

OFFICE OF THE PRESIDENT OF THE BOROUGH OF BROOKLYN, ROOM 15, MUNICIPAL BUILDING, BOROUGH OF BROOKLYN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of Brooklyn at the above office until 11 o'clock A. M., on

WEDNESDAY, MARCH 2, 1904.

FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR CONSTRUCTING A SEWER THROUGH THE NORTHERN PORTION OF DYKER BEACH PARK, from Fourteenth avenue to Eleventh avenue, in the Borough of Brooklyn.

The Engineer's estimate of the quantities is as follows:

984 linear feet 120-inch brick sewer, section "A."

1,366 linear feet 120-inch brick sewer, section "B."

50 linear feet 102-inch brick sewer.

80 linear feet 90-inch brick sewer.

45 linear feet 36-inch brick sewer.

3 manholes, class "A."

3 manholes, class "B."

330,000 feet B. M. foundation planking and pile capping.

500,000 feet B. M. sheeting and bracing.

18,000 linear feet piles.

25 cubic yards brick masonry.

16,000 cubic yards embankment.

2,480 linear feet 12-inch vitrified stoneware pipe, subdrain.

The time allowed for the completion of the work and full performance of the contract is two hundred (200) working days.

The amount of security required is Seventy Thousand Dollars.

The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per linear foot, foot board measure, cubic yard or other unit of measure, by which the bids will be tested. The bids will be compared and the contract awarded at a lump or aggregate sum for each contract.

Blank forms and further information may be obtained and the plans and drawings may be seen at the office of the Assistant Commissioner of Public Works, Borough of Brooklyn, Room 15, Municipal Building, Borough of Brooklyn.

MARTIN W. LITTLETON,
President.

ff16,m2

Dated FEBRUARY 10, 1904.

See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE PRESIDENT OF THE BOROUGH OF BROOKLYN, ROOM NO. 15, MUNICIPAL BUILDING, BOROUGH OF BROOKLYN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of Brooklyn at the above office until 11 o'clock A. M., on

WEDNESDAY, FEBRUARY 24, 1904.

NO. 1. FOR GRADING LOTS ON THE SOUTH SIDE OF LINCOLN ROAD, between Nostrand avenue and Rogers avenue; also on the WEST SIDE OF NOSTRAND AVENUE, between Lincoln road and Maple street, known as Lots Nos. 42 to 50, inclusive; Block 340, Twenty-ninth Ward Map.

The Engineer's estimate of the quantities is as follows:

1,256 cubic yards of filling, to be furnished.

Time for the completion of the work and the full performance of the contract is thirty (30) working days.

The amount of security required is Four Hundred Dollars.

No. 2. FOR GRADING LOTS ON THE SOUTH SIDE OF FIFTEENTH STREET, between Seventh and Eighth avenues, known as Lots Nos. 11, 12, 13, 69 and 16, Block 1104, Twenty-second Ward Map.

The Engineer's estimate of the quantities is as follows:

1,765 cubic yards of earth excavation.

Time for the completion of the work and the full performance of the contract is thirty (30) working days.

The amount of security required is Five Hundred Dollars.

No. 3. FOR GRADING LOTS ON THE WEST SIDE OF FIFTH AVENUE, between Fifty-eighth and Fifty-ninth streets, known as Lot No. 37, Block 855, Eighth Ward Map.

The Engineer's estimate of the quantities is as follows:

651 cubic yards of earth excavation.

45 cubic yards of filling, not to be bid for.

Time for the completion of the work and the full performance of the contract is twenty (20) working days.

The amount of security required is Seventy-five Dollars.

No. 4. FOR GRADING LOTS ON THE SOUTH SIDE OF FORTY-EIGHTH STREET, between Fifth avenue and Sixth avenue, known as Lots Nos. 12 and 13, Block 775, Eighth Ward Map.

The Engineer's estimate of the quantities is as follows:

1,799 cubic yards of earth excavation.

Time for the completion of the work and the full performance of the contract is thirty (30) working days.

The amount of security required is One Hundred and Fifty Dollars.

No. 5. FOR GRADING LOTS ON THE SOUTH SIDE OF SIXTIETH STREET, between Third and Fourth avenues, known as Lots Nos. 44, 45, 48 and 71, Block 951, Thirtieth Ward Map.

The Engineer's estimate of the quantities is as follows:

1,485 cubic yards of earth excavation.

The amount of security required is Five Hundred Dollars.

NO. 7. FOR GRADING LOTS ON THE NORTHWEST CORNER OF FOURTH AVENUE AND FORTIETH STREET, known as Lot No. 44, Block 708, Eighth Ward Map.

The Engineer's estimate of the quantities is as follows:

644 cubic yards of earth excavation.

Time for the completion of the work and the full performance of the contract is twenty (20) working days.

The amount of security required is Two Hundred Dollars.

NO. 8. FOR GRADING LOTS ON THE NORTHEAST CORNER OF FIFTY-SEVENTH STREET AND FOURTH AVENUE, known as Lot No. 1, Block 839, Eighth Ward Map.

The Engineer's estimate of the quantities is as follows:

6 cubic yards of earth excavation.

463 cubic yards of filling, to be furnished.

Time for the completion of the work and the full performance of the contract is twenty (20) working days.

The amount of security required is One Hundred Dollars.

NO. 9. FOR FURNISHING AND DELIVERING 6,000 CUBIC YARDS OF CLEAN, SHARP SAND AT THE VARIOUS CORPORATION YARDS, BOROUGH OF BROOKLYN.

Time for the delivery of the sand and the performance of the contract, on or before December 31, 1904.

The amount of security required is Two Thousand Dollars.

NO. 10. FOR REMOVING EARTH ABOVE GRADE FROM PORTIONS OF PROSPECT AVENUE, SOUTH OF ELEVENTH AVENUE.

The Engineer's estimate of the quantities is as follows:

3,580 cubic yards of earth excavation.

Time for the completion of the work and the full performance of the contract is forty (40) working days.

The amount of security required is Six Hundred Dollars.

NO. 11. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON CHURCH AVENUE, from Flatbush avenue to Brooklyn avenue.

The Engineer's estimate of the quantities is as follows:

7,980 linear feet of new curbstone.

1,980 cubic yards of earth excavation.

3,910 cubic yards of earth filling, to be furnished.

500 square feet of old flagstone, to be replaced.

37,680 square feet of cement sidewalk.

Time for the completion of the work and the full performance of the contract is sixty (60) working days.

The amount of security required is Six Thousand Dollars.

NO. 12. FOR REGULATING, GRADING, CURBING, GUTTERING AND LAYING SIDEWALKS ON MAPLE STREET, from Rogers avenue to Nostrand avenue.

The Engineer's estimate of the quantities is as follows:

510 square yards of brick gutters, including concrete base.

1,492 linear feet of new curbstone.

389 cubic yards of earth excavation.

387 cubic yards of earth filling, to be furnished.

150 square feet of old flagstone, to be replaced.

7,010 square feet of cement sidewalk.

Time for the completion of the work and the full performance of the contract is thirty (30) working days.

The amount of security required is One Thousand Five Hundred Dollars.

The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per cubic yard, square foot, linear foot, or other unit of measure, by which the bids will be tested. The bids will be compared and the contract awarded at a lump or aggregate sum for each contract.

Blank forms and further information may be obtained and the plans and drawings may be seen at the office of the Assistant Commissioner of Public Works, the Borough of Brooklyn, Room 15, Municipal Building, Borough of Brooklyn.

MARTIN W. LITTLETON,

President.

Dated FEBRUARY 4, 1904.

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See General Instructions to bidders on the last page, last column, of the "City Record."

OFFICE OF THE PRESIDENT OF THE BOROUGH OF BROOKLYN, ROOM NO. 15, MUNICIPAL BUILDING, BOROUGH OF BROOKLYN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE RECEIVED by the President of the Borough of Brooklyn at the above office until 11 o'clock A. M., on

WEDNESDAY, FEBRUARY 24, 1904.

NO. 1. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR CONSTRUCTING SEWER IN BATH AVENUE, from Bay Sixth street (Fourteenth avenue) to Bay Twenty-seventh street (Twenty-first avenue), and outlet, etc., etc.

The Engineer's estimate of the quantities is as follows:

1,715 linear feet 90-inch brick sewer.

2,955 linear feet 84-inch brick sewer.

1,725 linear feet 78-inch brick sewer.

180 linear feet 18-inch vitrified stoneware pipe, sewer laid in concrete.

220 linear feet 15-inch vitrified stoneware pipe, sewer laid in concrete.

220 linear feet 12-inch vitrified stoneware pipe, sewer laid in concrete.

41 manholes.

5 receiving-basins.

5 receiving-basins, reconnected.

600,000 feet, board measure, foundation planking and pile capping.

1,375,000 feet, board measure, sheeting and bracing.

100 linear feet piles.

5 cubic yards brick masonry, other than shown in sewer section.

5 cubic yards concrete, other than shown in sewer section.

6,390 linear feet 12-inch vitrified stoneware pipe, sub-drain.

The time allowed for the completion of the work and full performance of the contract is 300 working days.

The amount of security required is One Hundred and Twelve Thousand Dollars.

NO. 2. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR CONSTRUCTING SEWER IN FRANKLIN AVENUE, from Montgomery street to Union street, and outlet sewer in Montgomery street, etc.

The Engineer's estimate of the quantities is as follows:

1,088 linear feet 36-inch brick sewer.

332 linear feet 30-inch brick sewer.

332 linear feet 24-inch vitrified stoneware pipe, sewer laid in concrete.

375 linear feet 12-inch vitrified stoneware pipe, sewer laid in concrete.

15 manholes.

12 receiving-basins.

13,000 feet, board measure, foundation planking.

125,000 feet, board measure, sheeting and bracing.

5 cubic yards concrete.

5 cubic yards brick masonry.

The time allowed for the completion of the work and full performance of the contract is 90 working days.

The amount of security required is Six Thousand Dollars.

NO. 3. FOR FURNISHING AND DELIVERING 1,700 GROSS TONS (2,240 LBS. TO A TON) OF THE BEST GRADES OF WHITE ASH ANTHRACITE COAL, PEA SIZE, TO THE SEVERAL SEWAGE DISPOSAL WORKS, IN THE TWENTY-SIXTH AND THIRTY-FIRST WARDS, BOROUGH OF BROOKLYN.

The time for the delivery of the supplies and full performance of the contract is on or before December 31, 1904.

The amount of security required is Four Thousand Dollars.

The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per linear foot, B. M., ton, cubic yard or other unit of measure, by which the bids will be tested.

The bids will be compared and the contract awarded at a lump or aggregate sum for each contract.

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.

Blank forms and further information may be obtained and the plans and drawings may be seen at the office of the Assistant Commissioner of Public Works, Room 15, Municipal Building, Borough of Brooklyn.

MARTIN W. LITTLETON,

President.

Dated JANUARY 26, 1904.

f 10, 24

See General Instructions to Bidders on the last page, last column, of the "City Record."

BOARD OF ASSESSORS.

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 BROOKLYN.

List 7580, No. 1. Regulating, grading, curbing, recuring, flagging and retagging Glen street, between Railroad avenue and Euclid avenue.

BOROUGH OF MANHATTAN.

List 7843, No. 2. Sewers in One Hundred and Eighty-fourth street, between Broadway and Amsterdam avenue.

BOROUGH OF RICHMOND.

List 7629, No. 3. Constructing a temporary storm water sewer from Richmond terrace to tidewater, between Water and Taylor streets, in the First Ward.

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 St. Paul's court, from St. Paul's place to Ocean avenue, and to the extent of half the block at the intersecting and terminating streets.

No. 2. North side of Forty-eighth street, between Fourth and Fifth avenues, on Block 765, Lot No. 53.

No. 3. North side of Glenmore avenue, between Ashford and Cleveland streets, on Block 359, Lot No. 19.

No. 4. North side of Glenmore avenue, between Elton and Linwood streets, on Block 361, Lots Nos. 20, 21 and 22.

No. 5. Northwest corner of Glenmore avenue and Elton street, on Block 360, Lot No. 38.

No. 6. South side of Glenmore avenue, between Jerome and Warwick streets, on Block 393, Lots Nos. 1 and 2.

No. 7. Northeast corner of Glenmore avenue and Linwood street, on Block 365, Lot No. 24.

No. 8. South side of Glenmore avenue, between Milford and Logan streets, on Block 637, Lots Nos. 2, 3 and 4.

No. 9. South side of Glenmore avenue, between Montague avenue and Milford street, on Block 633, Lots Nos. 5, 6 and 7.

No. 10. North side of Glenmore avenue, between Powell and Junius streets, on Block 92, Lot No. 21.

No. 11. North side of Glenmore avenue, between Sackman and Powell streets, on Block 79, Lot No. 41.

No. 12. North side of Glenmore avenue, between Wyona and Bradford streets, on Block 341, Lot No. 24.

No. 13. Northwest side of Linden street, between Evergreen and Central avenues, on Block 33, Lots Nos. 48, 49, 51 and 52.

No. 14. Northeast side of St. Nicholas avenue, between Bleeker and Ralph streets, on Block 121, Lots Nos. 7 and 8.

No. 15. South side of Twenty-seventh street, between Third and Fourth avenues, on Block 660, Lots Nos. 17 and 36.

No. 16. South side of Twenty-eighth street, between Fourth and Fifth avenues, on Block 665, Lots Nos. 26, 28, 29, 31 and 32.

No. 17. South side of Twenty-ninth street, between Third and Fourth avenues, on Block 668, Lots Nos. 29 and 35.

No. 18. North side of Twenty-ninth street, between Fourth and Fifth avenues, on Block 665, Lot No. 1.

No. 19. South side of Twenty-ninth street, between Fourth and Fifth avenues, on Block 669, Lot No. 36.

No. 20. South side of Thirty-ninth street, between Fifth and Sixth avenues, on Block 913, Lots Nos. 3, 14, 15, 17, 20 to 26, inclusive; 28, 29 and 30.

No. 21. Northeast corner of Glenmore avenue and Hinsdale street, on Block 111, Lot No. 25.

No. 22. Both sides of One Hundred and Eighth street, from First to Second avenue, and to the extent of half the block at the intersecting and terminating avenues.

No. 23. Both sides of One Hundred and Forty-fourth street, from Hamilton terrace to Convent avenue, and to the extent of half the block at the intersecting and terminating avenues.

No. 24. Both sides of One Hundred and Fifty-seventh street, from St. Nicholas to Amsterdam avenue, and to the extent of half the block at the intersecting and terminating 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 March 22, 1904, at 1 P. M., at which time and place the said objections will be heard and testimony received in reference thereto.

ROBERT MUH,

ANTONIO ZUCCA,

CHARLES A. O'MALLEY,

Board of Assessors.

WILLIAM H. JASPER,

Secretary,

No. 320 Broadway.

CITY OF NEW YORK, BOROUGH OF MANHATTAN, {

February 19, 1904.

f 13, 25

PUBLIC NOTICE IS HEREBY GIVEN TO THE owner or owners of all

FIRE DEPARTMENT.

FIRE DEPARTMENT, CITY OF NEW YORK, BOROUGHS OF MANHATTAN AND THE BRONX, February 18, 1904.

SALE OF HORSES—A. SEBASTIAN, Auctioneer, on behalf of the Fire Department of The City of New York, will offer for sale at public auction to the highest bidder for cash, at the Hospital and Training Stables, Nos. 133 and 135 West Ninetieth street, Borough of Manhattan, on Monday, February 29, 1904, at 12 o'clock A. M., the following six horses, no longer fit for service in the Department, and known as Nos. 755, 979, 1171, 1234, 1336 and 1348.

NICHOLAS J. HAYES,
Fire Commissioner.

18, 1904.

HEADQUARTERS OF THE FIRE DEPARTMENT OF THE CITY OF NEW YORK, NOS. 157 AND 159 EAST SIXTY-SEVENTH STREET, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE RECEIVED by the Fire Commissioner at the above office until 12 o'clock A. M., on

WEDNESDAY, MARCH 2, 1904.

Boroughs of Manhattan and The Bronx.

No. 1. FOR FURNISHING AND DELIVERING 9,000 SACKS KINDLING WOOD.

The time for the delivery of the articles, materials and supplies and the performance of the contract is by or before February 1, 1905.

The amount of security required is Fourteen Hundred Dollars (\$1,400).

Boroughs of Manhattan and The Bronx.

No. 2 FOR FURNISHING AND DELIVERING 80 HORSES (25 PER CENT. MORE OR LESS) FOR DRAWING APPARATUS AND 16 HORSES FOR CHIEF OFFICERS.

The time for the delivery of the articles, materials and supplies and the performance of the contract is by or before December 31, 1904.

The amount of security required is Thirteen Thousand Dollars (\$13,000).

Boroughs of Manhattan and The Bronx.

No. 3. FOR FURNISHING AND DELIVERING SEVEN HUNDRED AND FIFTY TONS ANTHRACITE COAL FOR FIRE-BOATS.

The time for the delivery of the articles, materials and supplies and the performance of the contract is by or before June 1, 1904.

The amount of security required is Two Thousand Dollars (\$2,000).

The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per pound, ton, dozen, gallon, yard or other unit of measure, by which the bids will be tested. The extensions must be made and footed up, as the bids will be read from the total.

The bids will be compared and the contract awarded at a lump or aggregate sum for each contract.

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.

Blank forms may be obtained at the office of the Fire Department, Nos. 157 and 159 East Sixty-seventh street, Manhattan.

NICHOLAS J. HAYES,
Fire Commissioner.

Dated February 15, 1904.

18, 1904.

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY.

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY, ROOM 1536, NOS. 13-21 PARK ROW, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE RECEIVED by the Commissioner of Water Supply, Gas and Electricity at the above office until 2 o'clock P. M., on

WEDNESDAY, MARCH 2, 1904.

Borough of Queens.

FOR FURNISHING, DELIVERING AND STORING 2,850 GROSS TONS (2,240 POUNDS TO THE TON) OF EGG SIZE WHITE ASH ANTHRACITE COAL.

The time allowed for completing the delivery of the coal and the performance of the contract is three hundred and sixty calendar days.

The amount of security required will be Four Thousand Dollars.

The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per ton or other unit of measure, by which the bids will be tested.

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.

Bids will be compared and the contract awarded at a lump or aggregate sum.

Blank forms may be obtained at the office of the Department of Water Supply, Gas and Electricity, Borough of Manhattan, Nos. 13-21 Park row.

JOHN T. OAKLEY,
Commissioner.

Dated FEBRUARY 18, 1904.

18, 1904.

See General Instructions to Bidders on the last page, last column, of the "City Record."

BOARD MEETINGS.

The Board of Estimate and Apportionment meet in the old Council Chamber (Room 16), City Hall, every Friday, at 10:30 o'clock A. M.

JAMES W. STEVENSON,
Deputy Comptroller, Secretary.

The Commissioners of the Sinking Fund meet in the old Council Chamber (Room 16), City Hall, at call of the Mayor.

N. TAYLOR PHILLIPS,
Deputy Comptroller, Secretary.

BOROUGH OF MANHATTAN.

OFFICE OF THE PRESIDENT OF THE BOROUGH OF MANHATTAN, CITY HALL, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE RECEIVED by the President of the Borough of Manhattan, at the City Hall, Room No. 16, until 3 o'clock P. M., on

WEDNESDAY, MARCH 2, 1904.

FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR BUILDING SEWER IN WEST FIFTEENTH STREET, between Ninth and Tenth avenues.

The Engineer's estimate of the quantity and quality of the material and the nature and extent, as near as possible, of the work required, is as follows:

350 linear feet of brick sewer of 3 feet 6 inches by 2 feet 4 inches interior diameter, class I.

400 linear feet of brick sewer of 3 feet 6 inches by 2 feet 4 inches interior diameter, class II.

40 linear feet of salt glazed vitrified stone-ware pipe culvert of 12 inches interior diameter.

10 cubic yards of rock to be excavated and removed.

35,000 feet B. M. of timber and planking for bracing and sheet piling.

The time allowed to complete the whole work will be one hundred (100) working days.

The amount of the security required is Thirty-five Hundred Dollars (\$3,500).

The plans and drawings may be seen and other information obtained at the office of the Commissioner of Public Works, Bureau of Sewers, Nos. 13-21 Park row, Borough of Manhattan.

JOHN F. AHEARN,
Borough President.
THE CITY OF NEW YORK, February 18, 1904.

18, 1904.

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF EDUCATION.

DEPARTMENT OF EDUCATION, CORNER PARK AVENUE AND FIFTY-NINTH STREET, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE RECEIVED by the Chairman of the Executive Committee of the Normal College at the above office of the Department of Education, until 11 o'clock A. M., on

MONDAY, MAY 2, 1904.

Borough of Manhattan.

NORMAL COLLEGE.

No. 1. FOR REPAIRS AND ALTERATIONS TO THE NORMAL COLLEGE BUILDINGS, PARK AND LEXINGTON AVENUES, SIXTY-EIGHTH TO SIXTY-NINTH STREET, BOROUGH OF MANHATTAN.

The time allowed to complete the whole work will be 30 working days for Item 1 and 90 working days for Item 3, as provided in the contract.

The amount of security required is as follows:

Item 1.....\$1,000 or

Item 3.....3,000 or

On Contract No. 1 the bidders must state the price of each or any article or item contained in the specifications or schedules herein contained or hereto annexed, by which the bids will be tested. The extensions must be made and footed up, as the bids will be read from the total of each item and award made to the lowest bidder on each item.

Delivery will be required to be made at the time and manner and in such quantities as may be directed.

Blank forms may be obtained and the plans and drawings may be seen at the office of the Superintendent of School Buildings, at Estimating Room, Hall of the Board of Education, Park avenue and Fifty-ninth street, Borough of Manhattan.

ALRICE H. MAN,
Chairman, Executive Committee.

Dated FEBRUARY 18, 1904.

18, 1904.

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF EDUCATION, CORNER PARK AVENUE AND FIFTY-NINTH STREET, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE RECEIVED by the Superintendent of School Buildings at the above office of the Department of Education, until 11 o'clock A. M., on

MONDAY, FEBRUARY 29, 1904.

Borough of Brooklyn.

NO. 1. GAS FITTING AT MANUAL TRAINING HIGH SCHOOL, ON SEVENTH AVENUE, BETWEEN FOURTH AND FIFTH STREETS, BOROUGH OF BROOKLYN.

The time of completion is thirty (30) working days.

The amount of security required is One Thousand Four Hundred Dollars.

On Contract No. 1 the bids will be compared and the contract awarded in a lump sum to the lowest bidder.

Blank forms may be obtained and the plans and drawings may be seen at the office of the Superintendent, at Estimating Room, Hall of the Board of Education, Park avenue and Fifty-ninth street, Borough of Manhattan.

Also at branch office, No. 131 Livingston street, Borough of Brooklyn.

C. B. J. SNYDER,
Superintendent of School Buildings.

FEBRUARY 17, 1904.

DEPARTMENT OF EDUCATION, CORNER PARK AVENUE AND FIFTY-NINTH STREET, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE RECEIVED by the Superintendent of School Buildings at the above office of the Department of Education, until 11 o'clock A. M., on

MONDAY, FEBRUARY 29, 1904.

Borough of Manhattan.

NO. 2. FORMING CLASS-ROOMS AND PRINCIPAL'S ROOM ON FIFTH STORY OF PUBLIC SCHOOL #17, HENRY AND GOVERNEUR STREETS, BOROUGH OF MANHATTAN.

The time of completion is thirty (30) working days.

The amount of security required is One Thousand One Hundred Dollars.

On Contract No. 2 the bids will be compared and the contract awarded in a lump sum to the lowest bidder.

Blank forms may be obtained and the plans and drawings may be seen at the office of the Superintendent, at Estimating Room, Hall of the Board of Education, Park avenue and Fifty-ninth street, Borough of Manhattan.

C. B. J. SNYDER,
Superintendent of School Buildings.

FEBRUARY 17, 1904.

NOTICE IS HEREBY GIVEN THAT THE Board of Estimate and Apportionment of The City of New York, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York so as to close and discontinue so much of the public park in the block bounded by Water, Broad and Pearl streets and Coenties slip as is not occupied by the building known as Fraunces Tavern, in the Borough of Manhattan, City of New York, and that a meeting of said Board will be held in Room 16, City Hall, Borough of Manhattan, City of New York, on the 25th day of February, 1904, at 10:30 o'clock A. M., at which such proposed change will be considered by said Board; all of which is more particularly set forth and described in the following resolutions, adopted by the Board on the 29th day of January, 1904, notice of the adoption of which is hereby given, viz.:

Resolved, That the Board of Estimate and Apportionment of The City of New York, in pursuance of the provisions of section 442, of the Greater New York Charter, as amended, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York by closing and discontinuing so much of the public park in the block bounded by Water, Broad and Pearl Streets and Coenties slip as is not occupied by the building known as Fraunces Tavern, in the Borough of Manhattan, City of New York, more particularly described as follows:

Beginning at a point on the northerly side of Water street for distance of 131.75 feet from the intersection of the northerly line of Water street with the westerly line of Coenties slip; running

Thence westerly along the northerly side of Water street for distance of 131.75 feet to the intersection of the northerly line of Water street with the easterly line of Broad street; running

Thence northerly along the easterly side of Broad street 71.64 feet, more or less, to the southerly side of the lot occupied by Frances' Tavern; running

Thence easterly along the southerly line of the said Frances' Tavern 37.25 feet, more or less, to the running

Thence northerly along the said Frances' Tavern 3.7 feet, more or less; running

Thence easterly along the southerly side of the said Frances' Tavern 26.08 feet, more or less, to the southeasterly corner of the said Frances' Tavern; running

Thence northerly along the easterly side of the said Frances' Tavern 37.42 feet, more or less, to the southerly side of Pearl street; running

Thence easterly along the southerly side of Pearl street 57.5 feet, more or less, to a point on the southerly side of Pearl street distant 102.94 feet westerly from the intersection of the southerly side of Pearl street with the westerly side of Coenties slip; running

Thence southerly a distance of 108.05 feet to the point or place of beginning.

Resolved, That the President of the Borough of Manhattan cause to be prepared for submission to this Board three similar maps or plans for certification and filing in the manner required by law, showing as nearly as possible the nature and extent of the proposed change and the location of the immediate adjacent or of intersecting open or established streets, roads, squares, or places, sufficient for the identification and location thereof.

Resolved, That this Board consider the proposed change at a meeting of this Board to be held in the Old Council Chamber (Room 16), City Hall, Borough of Manhattan, City of New York, on the 26th day of February, 1904, at 10:30 o'clock A. M.

Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby that the proposed change will be considered at a meeting of the Board to be held at the aforesaid time and place, to be published in the City Record for ten days continuously, Sundays and legal holidays excepted, prior to the 26th day of February, 1904.

JOHN H. MOONEY,
Assistant Secretary.

18, 1904.

Thence southerly to the intersection of Newport street, the elevation to be 23.85 feet as heretofore.

Hopkinson Avenue.</p

Eighth Street.

Beginning at the intersection of Third avenue and Eighth street the grade to be 15.83 feet as heretofore; thence to the intersection of Second avenue and Eighth street the grade to be 8.50 feet; thence to the intersection of Eighth street and the bulkhead-line of Gowanus canal the grade to be 5.00 feet.

Ninth Street.

Beginning at the intersection of Third avenue and Ninth street the grade to be 18.00 feet as heretofore; thence to the intersection of Second avenue and Ninth street the grade to be 7.45 feet; thence to a point distant 620 feet westerly from the westerly building line of Second avenue the grade to be 4.40 feet; thence to the intersection of Ninth street and the bulkhead-line of Gowanus canal the grade to be 10.00 feet.

Tenth Street.

Beginning at the intersection of Third avenue and Tenth street the grade to be 20.17 feet as heretofore; thence to a point distant 140 feet easterly from the eastern building line of Second avenue the grade to be 11.90 feet; thence to the intersection of Second avenue and Tenth street the grade to be 10.60 feet; thence to the intersection of Tenth street and the bulkhead-line of Gowanus canal the grade to be 5.00 feet.

Eleventh Street.

Beginning at the intersection of Third avenue and Eleventh street the grade to be 22.33 feet as heretofore; thence to the intersection of Eleventh street and Second avenue the grade to be 11.30 feet; thence to the intersection of Eleventh street and the bulkhead-line of Gowanus canal the grade to be 5.00 feet.

Twelfth Street.

Beginning at the intersection of Third avenue and Twelfth street the grade to be 24.50 feet as heretofore; thence to the intersection of Second avenue and Twelfth street the grade to be 10.40 feet; thence to the intersection of Twelfth street and the bulkhead-line of Gowanus canal the grade to be 5.00 feet.

Thirteenth Street.

Beginning at the intersection of Third avenue and Thirteenth street the grade to be 24.50 feet as heretofore; thence to the intersection of Second avenue and Thirteenth street the grade to be 12.30 feet; thence to the intersection of Thirteenth street and the bulkhead-line of Gowanus canal the grade to be 5.00 feet.

Fourteenth Street.

Beginning at the intersection of Third avenue and Fourteenth street the grade to be 22.33 feet as heretofore; thence to the intersection of Fourteenth street and Second avenue the grade to be 13.75 feet; thence to a point distant 50 feet easterly from the intersection of the northerly building line of Fourteenth street and the easterly building line of Hamilton avenue the grade to be 8.50 feet; thence to the intersection of Fourteenth street and Hamilton avenue the grade to be 10.80 feet as heretofore.

Fifteenth Street.

Beginning at the intersection of Third avenue and Fifteenth street the grade to be 20.17 feet as heretofore; thence to the intersection of Second avenue and Fifteenth street the grade to be 11.90 feet; thence to the intersection of Fifteenth street and Hamilton avenue the grade to be 9.00 feet as heretofore.

All grades are referred to mean high-water datum as established by the Bureau of Highways, Borough of Brooklyn, City of New York.

Resolved, That the President of the Borough of Brooklyn cause to be prepared for submission to this Board three similar maps or plans for certification and filing in the manner required by law, showing as nearly as possible the nature and extent of the proposed change and the location of the immediate adjacent or of intersecting open or established streets, roads, squares, or places, sufficient for the identification and location thereof.

Resolved, That this Board consider the proposed change at a meeting of this Board, to be held in the Old Council Chamber (Room 16), City Hall, Borough of Manhattan, City of New York, on the 26th day of February, 1904, at 10.30 o'clock A. M.

Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby that the proposed change will be considered at a meeting of the Board to be held at the aforesaid time and place, to be published in the CITY RECORD and the corporation newspapers for ten days continuously, Sundays and legal holidays excepted, prior to the 26th day of February, 1904.

JOHN H. MOONEY,
Assistant Secretary.

11,25

NOTICE IS HEREBY GIVEN THAT THE Board of Estimate and Apportionment of The City of New York, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York so as to change the lines of streets in the territory bounded by Coney Island avenue, Church avenue and Ocean parkway, in the Borough of Brooklyn, City of New York, and that a meeting of said Board will be held in Room 16, City Hall, Borough of Manhattan, City of New York, on the 26th day of February, 1904, at 10.30 o'clock A. M., at which such proposed change will be considered by said Board; all of which is more particularly set forth and described in the following resolution, adopted by the Board on the 29th day of January, 1904, notice of the adoption of which is hereby given, viz.:

Resolved, That the Board of Estimate and Apportionment of The City of New York, in pursuance of the provisions of section 442 of the Greater New York Charter as amended, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York, by changing the lines of Jay street, between Hamilton avenue and Stuyvesant place, First Ward, in the Borough of Richmond, City of New York, more particularly described as follows:

Additional Property Included in the Layout of Jay Street.

Beginning at a point on the westerly line of Jay street 111.21 feet northerly from the intersection of the above line with the northerly line of Hamilton avenue.

1. Thence northerly along the first-mentioned line for 64.08 feet.

2. Thence northwesterly deflecting 32 degrees 27 minutes 14 seconds to the left for 64.08 feet.

3. Thence southeasterly curving right, on the arc of a circle of 220.17 feet radius, and tangent to both above-mentioned courses for 124.71 feet to the point of beginning.

Property to Be Abandoned in the Layout of Jay Street.

Beginning at a point on the easterly line of Jay street, 111.21 feet northerly from the intersection of the above line with the easterly prolongation of the northerly line of Hamilton avenue.

1. Thence northerly along the first-mentioned line for 93.18 feet.

2. Thence northwesterly deflecting 32 degrees 27 minutes 14 seconds to the left for 93.18 feet.

3. Thence southeasterly curving to the right, on the arc of a circle of 320.17 feet radius, and tangent to both above-mentioned courses for 181.35 feet to the point of beginning.

Resolved, That the President of the Borough of Richmond cause to be prepared for submission to this Board three similar maps or plans for certification and filing in the manner required by law, showing as nearly as possible the nature and extent of the proposed change and the location of the immediate adjacent or of intersecting open or established streets,

roads, squares, or places, sufficient for the identification and location thereof.

Resolved, That this Board consider the proposed change at a meeting of this Board, to be held in the Old Council Chamber (Room 16), City Hall, Borough of Manhattan, City of New York, on the 26th day of February, 1904, at 10.30 o'clock A. M.

Resolved, That the Secretary of this Board cause these resolutions, and a notice to all persons affected thereby that the proposed change will be considered at a meeting of the Board to be held at the aforesaid time and place, to be published in the CITY RECORD for ten days continuously, Sundays and legal holidays excepted, prior to the 26th day of February, 1904.

JOHN H. MOONEY,
Assistant Secretary.

11,25

squares, or places, sufficient for the identification and location thereof.

Resolved, That this Board consider the proposed change at a meeting of this Board, to be held in the Old Council Chamber (Room 16), City Hall, Borough of Manhattan, City of New York, on the 26th day of February, 1904, at 10.30 o'clock A. M.

Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby that the proposed change will be considered at a meeting of the Board, to be held at the aforesaid time and place, to be published in the CITY RECORD and the corporation newspapers for ten days continuously, Sundays and legal holidays excepted, prior to the 26th day of February, 1904.

JOHN H. MOONEY,
Assistant Secretary.

11,25

DEPARTMENT OF PARKS.

OFFICE OF THE DEPARTMENT OF PARKS, ARSENAL BUILDING, FIFTH AVENUE AND SIXTY-FOURTH STREET, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Park Board at the above office of the Department of Parks until 3 o'clock P. M., on

THURSDAY, MARCH 3, 1904.

Borough of The Bronx.

No. 1. FOR FURNISHING AND DELIVERING TOOLS, IRON AND HARDWARE, FOR PARKS, BOROUGH OF THE BRONX.

The time for the delivery of the supplies and the full performance of the contract is 30 days.

The amount of security required is Two Thousand Dollars (\$2,000).

No. 2. FOR FURNISHING AND DELIVERING RED CEDAR FOR RUSTIC WORK, IN PARKS, BOROUGH OF THE BRONX.

The time for the delivery of the supplies and the full performance of the contract is 60 days.

The amount of security required is Eight Hundred Dollars (\$800).

The bids will be compared and the contracts awarded at a lump or aggregate sum for each contract.

Blank forms may be obtained at the office of the Department of Parks, the Borough of The Bronx, Zbrowski Mansion, Claremont Park.

JOHN J. PALLAS,
WILLIAM P. SCHMITT,
MICHAEL KENNEDY,
Commissioners.

Dated FEBRUARY 18, 1904. f19,25

See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE DEPARTMENT OF PARKS, ARSENAL BUILDING, FIFTH AVENUE AND SIXTY-FOURTH STREET, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Park Board at the above office of the Department of Parks until 3 o'clock P. M., on

THURSDAY, MARCH 3, 1904.

Boroughs of Brooklyn and Queens.

No. 1. FOR FURNISHING AND DELIVERING 1,200 GROSS TONS OF WHITE ASH ANTHRACITE COAL.

The time for delivery will be as required, before December 31, 1904.

The amount of security required is Three Thousand Dollars.

The bids will be compared and the contract awarded at a lump or aggregate sum.

Blank forms may be obtained and plans may be seen at the office of the Department of Parks, Litchfield Mansion, Prospect Park, Brooklyn.

JOHN J. PALLAS, President;
WM. P. SCHMITT,
M. J. KENNEDY,
Commissioners of Parks.

Dated FEBRUARY 13, 1904. f19,25

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF HEALTH.

DEPARTMENT OF HEALTH OF THE CITY OF NEW YORK, SOUTHWEST CORNER FIFTY-FIFTH STREET AND SIXTH AVENUE, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Board of Health at the above office until 10 o'clock A. M., on

MONDAY, FEBRUARY 29, 1904.

FOR FURNISHING AND DELIVERING WHITE ASH ANTHRACITE COAL AS REQUIRED TO THE WILLARD PARKER AND RECEPTION HOSPITALS, AT THE FOOT OF EAST SIXTEENTH STREET, BOROUGH OF MANHATTAN; THE RIVERSIDE HOSPITAL, AT NORTH BROTHER ISLAND, BOROUGH OF THE BRONX; THE KINGSTON AVENUE HOSPITAL, AT KINGSTON AVENUE AND FENNIMORE STREET, BOROUGH OF BROOKLYN, AND THE DEPARTMENT BUILDING, SIXTH AVENUE AND FIFTY-FIFTH STREET, BOROUGH OF MANHATTAN, NEW YORK CITY, DURING THE YEAR 1904.

The time for the delivery of the articles, materials and supplies, and the performance of the contract, is on or before March 22, 1904.

The amount of security required is Five Thousand Dollars (\$5,000).

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.

Blank forms and further information may be obtained at the office of the Board of Health, Borough of Manhattan, No. 107 West Forty-first street.

JOHN K. VOORHIS,
CHARLES B. PAGE,
JOHN MAGUIRE,
RUDOLPH C. FULLER,

Board of Health.

A. C. ALLEN,
Chief Clerk.

Dated FEBRUARY 10, 1904. f10,24

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF DOCKS AND FERRIES.

DEPARTMENT OF DOCKS AND FERRIES, PIER "A," FOOT OF BATTERY PLACE, NORTH RIVER, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Docks at the above office until 2 o'clock P. M., on

FRIDAY, FEBRUARY 26, 1904.

Borough of Manhattan.

CONTRACT No. 832.

FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR BUILDING A NEW PIER WITH APPURTENANCES AT THE FOOT OF EAST THIRTIETH STREET, EAST RIVER.

The time for the completion of the work and the full performance of the contract is on or before the expiration of 75 calendar days.

The amount of security required is \$13,000.

The bids will be compared and the contract awarded at a lump or aggregate sum.

Work will be required to be done at the time and in the manner and in such quantities as may be directed.

Blank forms and further information may be obtained and the plans and drawings may be seen at the office of the said Department.

MAURICE FEATHERSON,

Commissioner of Docks.

Dated FEBRUARY 11, 1904. f13,26

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF TAXES AND ASSESSMENTS.

THE CITY OF NEW YORK, DEPARTMENT OF TAXES AND ASSESSMENTS, MAIN OFFICE, BOROUGH OF MANHATTAN, No. 280 BROADWAY, STEWART BUILDING, JANUARY 8, 1904.

NOTICE IS HEREBY GIVEN, AS REQUIRED by the Greater New York Charter, that the books called "The Annual Record of the Assessed Valuation of Real and Personal Estate of the Boroughs of Manhattan, The Bronx, Brooklyn, Queens and Richmond, comprising The City of New York" will be open for examination and correction on the second Monday of January, and will remain open until the FIRST DAY OF APRIL, 1904.

During the time that the books are open to public inspection, application may be made by any person or corporation claiming to be aggrieved by the assessed valuation of real or personal estate to have the same corrected.

In the Borough of Manhattan, at the main office of the Department of Taxes and Assessments, No. 280 Broadway.

In the Borough of The Bronx, at the office of the Department, Municipal Building, One Hun-

dred and Seventy-seventh street and Third avenue.

In the Borough of Brooklyn, at the office of the Department, Municipal Building.

In the Borough of Queens, at the office of the Department, Hackett Building, Jackson avenue and Fifth street, Long Island City.

In the Borough of Richmond, at the office of the Department, Masonic Building, Stapleton.

Corporations in all the Boroughs must make application only in the main office in the Borough of Manhattan.

Applications in relation to the assessed valuation of personal estate must be made by the person assessed at the office of the Department in the Borough where such person resides, and in the case of a non-resident carrying on business in The City of New York, at the office of the Department of the Borough where such place of business is located, between the hours of 10 a. m. and 2 p. m., except on Saturday, when all applications must be made between 10 a. m. and 12 noon.

FRANK A. O'DONNELL,

President,

JAMES B. BOUCK,

JOHN J. BRADY,

EDWARD TODD,

SAMUEL STRASBOURGER,

Commissioners of Taxes and Assessments.

f8,18

DEPARTMENT OF STREET CLEANING.

DEPARTMENT OF STREET CLEANING,

New York, February 9, 1904.

PUBLIC NOTICE IS HEREBY GIVEN THAT written applications for non-competitive examinations for the following positions on the steam dumper "Cinderella," "Aschenbroedel" and "Centenaria," pursuant to a resolution of the Municipal Civil Service adopted January 27, 1904, approved by the State Civil Service Commission February 5, 1904, will be received at the Main Office of the Department of Street Cleaning, on the fourteenth floor of Nos. 13-21 Park row, Room No. 1416, on Wednesdays of each week at 2 P. M.:

3 Masters.

3 Mates.

6 Marine Enginemen.

12 Deckhands.

12 Firemen.

(Signed) JOHN McGAW WOODBURY,

Commissioner.

f13

MAIN OFFICE OF THE DEPARTMENT OF STREET CLEANING, ROOM 1421, NOS. 13-21 PARK ROW, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE RECEIVED by the Commissioner of Street Cleaning at the above office until 2 o'clock P. M., on

THURSDAY, FEBRUARY 25, 1904.

Boroughs of Manhattan and The Bronx.

CONTRACT FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR TOWING SCOWS AND UNLOADING THEM AT RIKER'S ISLAND.

The time for the completion of the work and the full performance of the contract is one year.

The amount of security required is Thirty Thousand Dollars.

Bids will be compared and the contract awarded at a lump or aggregate sum.

Each bid must state the price per scow load (per "small" scow, per "large" scow, per "extra large" scow, and per "special extra large" scow), and these prices must be written out, and must also be given in figures.

Each bid must be accompanied by a certified check on a solvent banking corporation in The City of New York, payable to the order of the Comptroller of The City of New York, for five per centum of the amount for which the work bid for is proposed in one year to be performed.

From the bids received the Commissioner of Street Cleaning may select the bid the acceptance of which will in his judgment best secure the efficient performance of the work, or he may reject any or all of said bids.

Blank forms and further information may be obtained at the office of the Department of Street Cleaning, the Borough of Manhattan, Nos. 13-21 Park row.

JOHN McG. WOODBURY,

Commissioner of Street Cleaning.

Dated 1904. f13,25

AS See General Instructions to Bidders on the last page, last column, of the "City Record."

ASHES, ETC., FOR FILLING IN LANDS. PERSONS HAVING LANDS OR PLACES in the vicinity of New York Bay to fill in can procure material for that purpose—ashes, street sweepings, etc., collected by the Department of Street Cleaning—free of charge by applying to the Commissioner of Street Cleaning, Nos. 13 to 21 Park Row, Borough of Manhattan.

JOHN McGAW WOODBURY,

Commissioner of Street Cleaning.

SUPREME COURT.

SECOND DEPARTMENT.

In the matter of acquiring title by The City of New York to certain lands and premises situated on the easterly side of STUYVESANT STREET, and the westerly side of JAY STREET, b-wteen DeKalb street and South street, in the First Ward of the Borough of Richmond, in The City of New York, duly selected as a site for a public building according to law.

NOTICE IS HEREBY GIVEN THAT THE REPORT of Charles L. Hubbell, Frank H. Moffatt and Lewis J. Rabbage, the Commissioners of Estimate and Appraisal duly appointed in the above-entitled proceeding, which report bears date the 15th day of February, 1904, was filed in the office of the Board of Estimate and Apportionment of The City of New York, at their office in the City Hall, in the Borough of Manhattan, in The City of New York, on the 23d day of February, 1904, and a duplicate of said report was filed in the office of the Clerk of the County of Richmond on the same day.

Notice is further given that said report will be presented for confirmation to the Supreme Court, at a Special Term thereof for the hearing of motions, at the County Court-house, Borough of Brooklyn, on the 10th day of March, 1904, 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 New York, February 23, 1904.

JOHN J. DELANY,

Corporation Counsel,

No. 2 Tryon Row,

Borough of Manhattan,

New York City.

f24, m5

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to the acquiring of title for the use of the public to lands and premises bounded by VERNON AVENUE AND EAST RIVER AND PIERCE AVENUE AND SANFORD STREET,

First Ward, Borough of Queens, City of New York, required for the opening of a public park.

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 improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That we have completed our estimate, and that all persons interested in this proceeding, or in any of the lands, tenements, hereditaments and premises affected thereby, and having objections thereto, to present their said objections in writing, duly verified, to us at our office, Room 401, No. 258 Broadway, in the Borough of Manhattan, in The City of New York, on or before the 15th day of March, 1904, 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 18th day of March, 1904, at 3 o'clock in the afternoon of that day.

Second—That the abstract of our said estimate, together with our damage map, 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, at the office of said Bureau, Nos. 90-92 West Broadway, in the Borough of Manhattan, in said city, there to remain until the 25th day of March, 1904.

Third—That our report herein will be presented to the Supreme Court of the State of New York, Second Department, at a Special Term thereof, for the hearing of motions, to be held in the County Court-house in the Borough of Brooklyn, in The City of New York, on the 5th day of April, 1904, 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, CITY OF NEW YORK, February 23, 1904.

LUCIUS N. MANLEY, Chairman,

JOHN A. LEACH,

HERMAN WIENCKE,

Commissioners.

JOSEPH M. SCHENCK,

Clerk.

f24, m5

FIRST JUDICIAL DISTRICT.

In matter of the application of The City of New York, acting by and through the Commissioner of Docks, relative to acquiring right and title to and possession of certain uplands and lands, wharf property, wharfage rights, terms, easements, emoluments and privileges necessary to be taken for the improvement of the water front of The City of New York on the North river between WEST FIFTEENTH AND WEST EIGHTEENTH STREETS, and the easterly side of the marginal street, wharf or place, adopted by the Board of Docks and approved by the Commissioners of the Sinking Fund, and the North river, pursuant to the plan heretofore adopted by the Board of Docks and approved by the Commissioners of the Sinking Fund.,

northerly side of West Seventeenth street, the southerly side of West Eighteenth street, the westerly side of Eleventh avenue and the easterly side of Thirteenth avenue.

PARCEL NO. 8.

All the uplands and lands, terms, easements, emoluments and privileges of and to the uplands and lands, with the buildings and structures thereon, in the block bounded by the northerly side of West Seventeenth street, the southerly side of West Eighteenth street, the easterly side of Eleventh avenue and the easterly side of the marginal street, wharf or place, as shown on the map or plan adopted by the Board of Docks on May 20, 1897, and approved by the Commissioners of the Sinking Fund on June 14, 1897, as altered and amended by the Board of Docks on January 14, 1898, and approved by the Commissioners of the Sinking Fund on March 11, 1898, as again altered and amended by the Board of Docks on July 19, 1901, and approved by the Commissioners of the Sinking Fund on July 31, 1901.

All the uplands and lands, terms, easements, emoluments and privileges of and to the uplands and lands, with the buildings and structures thereon, in the block bounded by the northerly side of West Seventeenth street, the southerly side of West Eighteenth street, the easterly side of Eleventh avenue and the easterly side of the marginal street, wharf or place, as shown on the map or plan adopted by the Board of Docks on May 20, 1897, and approved by the Commissioners of the Sinking Fund on June 14, 1897, as altered and amended by the Board of Docks on January 14, 1898, and approved by the Commissioners of the Sinking Fund on March 11, 1898, as again altered and amended by the Board of Docks on July 19, 1901, and approved by the Commissioners of the Sinking Fund on July 31, 1901.

All the uplands and lands, terms, easements, emoluments and privileges of and to the uplands and lands, with the buildings and structures thereon, in the block bounded by the northerly side of West Seventeenth street, the southerly side of West Eighteenth street, the easterly side of Eleventh avenue and the easterly side of the marginal street, wharf or place, as shown on the map or plan adopted by the Board of Docks on May 20, 1897, and approved by the Commissioners of the Sinking Fund on June 14, 1897, as altered and amended by the Board of Docks on January 14, 1898, and approved by the Commissioners of the Sinking Fund on March 11, 1898, as again altered and amended by the Board of Docks on July 19, 1901, and approved by the Commissioners of the Sinking Fund on July 31, 1901.

All the uplands and lands, terms, easements, emoluments and privileges of and to the uplands and lands, with the buildings and structures thereon, in the block bounded by the northerly side of West Seventeenth street, the southerly side of West Eighteenth street, the easterly side of Eleventh avenue and the easterly side of the marginal street, wharf or place, as shown on the map or plan adopted by the Board of Docks on May 20, 1897, and approved by the Commissioners of the Sinking Fund on June 14, 1897, as altered and amended by the Board of Docks on January 14, 1898, and approved by the Commissioners of the Sinking Fund on March 11, 1898, as again altered and amended by the Board of Docks on July 19, 1901, and approved by the Commissioners of the Sinking Fund on July 31, 1901.

All the uplands and lands, terms, easements, emoluments and privileges of and to the uplands and lands, with the buildings and structures thereon, in the block bounded by the northerly side of West Seventeenth street, the southerly side of West Eighteenth street, the easterly side of Eleventh avenue and the easterly side of the marginal street, wharf or place, as shown on the map or plan adopted by the Board of Docks on May 20, 1897, and approved by the Commissioners of the Sinking Fund on June 14, 1897, as altered and amended by the Board of Docks on January 14, 1898, and approved by the Commissioners of the Sinking Fund on March 11, 1898, as again altered and amended by the Board of Docks on July 19, 1901, and approved by the Commissioners of the Sinking Fund on July 31, 1901.

All the uplands and lands, terms, easements, emoluments and privileges of and to the uplands and lands, with the buildings and structures thereon, in the block bounded by the northerly side of West Seventeenth street, the southerly side of West Eighteenth street, the easterly side of Eleventh avenue and the easterly side of the marginal street, wharf or place, as shown on the map or plan adopted by the Board of Docks on May 20, 1897, and approved by the Commissioners of the Sinking Fund on June 14, 1897, as altered and amended by the Board of Docks on January 14, 1898, and approved by the Commissioners of the Sinking Fund on March 11, 1898, as again altered and amended by the Board of Docks on July 19, 1901, and approved by the Commissioners of the Sinking Fund on July 31, 1901.

All the uplands and lands, terms, easements, emoluments and privileges of and to the uplands and lands, with the buildings and structures thereon, in the block bounded by the northerly side of West Seventeenth street, the southerly side of West Eighteenth street, the easterly side of Eleventh avenue and the easterly side of the marginal street, wharf or place, as shown on the map or plan adopted by the Board of Docks on May 20, 1897, and approved by the Commissioners of the Sinking Fund on June 14, 1897, as altered and amended by the Board of Docks on January 14, 1898, and approved by the Commissioners of the Sinking Fund on March 11, 1898, as again altered and amended by the Board of Docks on July 19, 1901, and approved by the Commissioners of the Sinking Fund on July 31, 1901.

All the uplands and lands, terms, easements, emoluments and privileges of and to the uplands and lands, with the buildings and structures thereon, in the block bounded by the northerly side of West Seventeenth street, the southerly side of West Eighteenth street, the easterly side of Eleventh avenue and the easterly side of the marginal street, wharf or place, as shown on the map or plan adopted by the Board of Docks on May 20, 1897, and approved by the Commissioners of the Sinking Fund on June 14, 1897, as altered and amended by the Board of Docks on January 14, 1898, and approved by the Commissioners of the Sinking Fund on March 11, 1898, as again altered and amended by the Board of Docks on July 19, 1901, and approved by the Commissioners of the Sinking Fund on July 31, 1901.

All the uplands and lands, terms, easements, emoluments and privileges of and to the uplands and lands, with the buildings and structures thereon, in the block bounded by the northerly side of West Seventeenth street, the southerly side of West Eighteenth street, the easterly side of Eleventh avenue and the easterly side of the marginal street, wharf or place, as shown on the map or plan adopted by the Board of Docks on May 20, 1897, and approved by the Commissioners of the Sinking Fund on June 14, 1897, as altered and amended by the Board of Docks on January 14, 1898, and approved by the Commissioners of the Sinking Fund on March 11, 1898, as again altered and amended by the Board of Docks on July 19, 1901, and approved by the Commissioners of the Sinking Fund on July 31, 1901.

All the uplands and lands, terms, easements, emoluments and privileges of and to the uplands and lands, with the buildings and structures thereon, in the block bounded by the northerly side of West Seventeenth street, the southerly side of West Eighteenth street, the easterly side of Eleventh avenue and the easterly side of the marginal street, wharf or place, as shown on the map or plan adopted by the Board of Docks on May 20, 1897, and approved by the Commissioners of the Sinking Fund on June 14, 1897, as altered and amended by the Board of Docks on January 14, 1898, and approved by the Commissioners of the Sinking Fund on March 11, 1898, as again altered and amended by the Board of Docks on July 19, 1901, and approved by the Commissioners of the Sinking Fund on July 31, 1901.

All the uplands and lands, terms, easements, emoluments and privileges of and to the uplands and lands, with the buildings and structures thereon, in the block bounded by the northerly side of West Seventeenth street, the southerly side of West Eighteenth street, the easterly side of Eleventh avenue and the easterly side of the marginal street, wharf or place, as shown on the map or plan adopted by the Board of Docks on May 20, 1897, and approved by the Commissioners of the Sinking Fund on June 14, 1897, as altered and amended by the Board of Docks on January 14, 1898, and approved by the Commissioners of the Sinking Fund on March 11, 1898, as again altered and amended by the Board of Docks on July 19, 1901, and approved by the Commissioners of the Sinking Fund on July 31, 1901.

All the uplands and lands, terms, easements, emoluments and privileges of and to the uplands and lands, with the buildings and structures thereon, in the block bounded by the northerly side of West Seventeenth street, the southerly side of West Eighteenth street, the easterly side of Eleventh avenue and the easterly side of the marginal street, wharf or place, as shown on the map or plan adopted by the Board of Docks on May 20, 1897, and approved by the Commissioners of the Sinking Fund on June 14, 1897, as altered and amended by the Board of Docks on January 14, 1898, and approved by the Commissioners of the Sinking Fund on March 11, 1898, as again altered and amended by the Board of Docks on July 19, 1901, and approved

pursuant to an act of the Legislature passed May 1, 1869, and the several acts amendatory thereof, and filed in the office of the Register of the County of Kings in the year 1874, now incorporated with and forming a part of the map of The City of New York, and also shown on a map of that portion of said street affected by these proceedings made by the Topographical Division of the Bureau of Highways of the Borough of Brooklyn, and signed by William C. Redfield, Commissioner of Public Works; George W. Tillson, Chief Engineer, and George J. Bischof, Assistant Engineer in charge, and dated December 8, 1903, which map was filed in the office of the Corporation Counsel of The City of New York, in the Borough of Brooklyn, on the 10th day of December, 1903.

Dated Borough of Brooklyn, City of New York, the 18th day of February, 1904.

JOHN J. DELANY,
Corporation Counsel,
No. 166 Montague street,
Brooklyn, N. Y.
f18, m1

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 WEST THIRTEENTH STREET, between Eighty-sixth street and Gravesend Basin, in the Thirty-first Ward, in the Borough of Brooklyn, in The City of New York.

NOTICE IS HEREBY GIVEN THAT AN application will be made to the Supreme Court of the State of New York, at a Special Term of said Court for the hearing of motions, to be held in and for the County of Kings, in the County Court-house, in the Borough of Brooklyn, in The City of New York, on the 3d day of March, 1904, at the opening of court on that day, or as soon thereafter as counsel can be heard, for the appointment of Commissioners of Estimate and Assessment in the above-entitled proceeding.

The nature and the extent of the improvement hereby intended is the acquisition of title by The City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and appurtenances thereto belonging, required for the opening of a street known as West Thirteenth street, between Eighty-sixth street and Gravesend Basin, in the Thirty-first Ward, in the Borough of Brooklyn, in The City of New York.

The lands required for the purpose of opening West Thirteenth street, between Eighty-sixth street and Gravesend Basin, as aforesaid, are shown on a map entitled "The General Map or Plan of the Towns of New Utrecht, Flatbush, Gravesend, Flatlands and New Lots, in the County of Kings," prepared by the Town Survey Commissioners pursuant to an act of the Legislature passed May 1, 1869, and the several acts amendatory thereof, and filed in the office of the Register of the County of Kings in the year 1874, now incorporated with and forming a part of the map of The City of New York, and also shown on a map of that portion of said street affected by these proceedings made by the Topographical Division of the Bureau of Highways of the Borough of Brooklyn, and signed by George W. Tillson, Chief Engineer, and George J. Bischof, Assistant Engineer in charge, and dated November 27, 1903, which map was filed in the office of the Corporation Counsel of The City of New York, in the Borough of Brooklyn, on the 30th day of November, 1903.

Dated Borough of Brooklyn, City of New York, the 18th day of February, 1904.

JOHN J. DELANY,
Corporation Counsel,
No. 166 Montague street,
Brooklyn, N. Y.
f18, m1

FIRST DEPARTMENT.

In the matter of acquiring title by The City of New York to certain lands and premises situated on the westerly side of ALLEN STREET, one hundred and sixteen (116) feet and eight (8) inches south of Rivington street, in the Borough of Manhattan, in The City of New York, duly selected as a site for a public bath, according to law.

WE, THE UNDERSIGNED, COMMISSIONERS of Estimate and Appraisal in the above-entitled matter, do hereby give notice to the owner or owners, lessee or lessees, parties or persons respectively entitled to 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, lessees, parties and persons respectively entitled to or interested in the lands and 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 Estimate and Apportionment of The City of New York, at their office in the City Hall, 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, or who may object to the same, or any part thereof, may within ten days after the first publication of this notice, February 13, 1904, file their objections to such estimate, in writing, with us, at our office, Room No. 401, No. 258 Broadway, in the Borough of Manhattan, in the said city; and that we, the said Commissioners, will hear parties so writing, at our office, on the 26th day of February, 1904, at 3 o'clock in the afternoon, and upon such subsequent days as may be found necessary.

Dated New York, February 11, 1904.

ADAM WIENER,
AUGUST H. STEBBINS,
CHARLES W. DAYTON, Jr.,
Commissioners.

JOSEPH M. SCHENCK,
Clerk.

f13, 25

FIRST JUDICIAL DISTRICT.

In the matter of the application of The City of New York, acting by and through the Commissioner of Docks, relative to acquiring right and title to and possession of certain lands, lands under water, lands under water filled in, wharf property, wharfage rights, terms, easements, emoluments and privileges necessary to be taken for the improvement of the water front of The City of New York, on the North river, BETWEEN WEST FORTY-FIRST AND WEST FORTY-SECOND STREETS, extended, pursuant to the plan heretofore adopted by the Board of Docks, and approved by the Commissioners of the Sinking Fund.

NOTICE IS HEREBY GIVEN THAT WE, THE UNDERSIGNED, were appointed by an order of the Supreme Court bearing date the 30th day of December, 1903, and filed and entered in the office of the Clerk of the County of New York on the same day, Commissioners of Estimate and Assessment in the above-entitled proceeding, for the purpose of making a just and equitable estimate of the loss and damage to the respective owners, lessees, parties and persons entitled to or interested in the lands, lands under water, lands under water filled in, wharf property, wharfage rights, terms, easements, emoluments and privileges to be taken herein for the improvement of the water front on the North river, and which said lands, lands under water, lands under water filled in, wharf property, wharfage rights, terms, easements, emoluments and privileges which are to be taken, are described as follows:

Beginning at a point formed by the intersection of the westerly side of Twelfth avenue with the northerly side of West Forty-first street; running thence westerly along the northerly side of West Forty-first street, extended, to the easterly side of Thirteenth avenue, as the same was established by chapter 82 of the Laws of 1837; running thence northerly along said easterly side of Thirteenth avenue to the southerly side of West Forty-second street, extended; running thence easterly along the southerly side of West Forty-second street, extended, to the westerly side of Twelfth avenue, and running thence southerly along the westerly side of Twelfth avenue to the northerly side of West Forty-first street, to the point or place of beginning;

Together with all wharfage rights, terms, easements and privileges and appurtenances or emoluments of any kind whatsoever in and to the above-described premises, including the bulkhead westerly of the westerly side of Twelfth avenue, between West Forty-first and West Forty-second streets.

All parties and persons interested in the said lands, lands under water, lands under water filled in, wharf property, wharfage rights, terms, easements, emoluments and privileges taken, or to be taken for the said improvement of the water front of The City of New York on the North river, 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, Room No. 401, on the fourth floor of the building No. 258 Broadway, in The City of New York, Borough of Manhattan, 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 office above specified on the 11th day of March, 1904, at 10:30 o'clock in the forenoon of that day, to hear the said parties and persons in relation thereto, and at such time and place, or at such other or further times and places as we may appoint, we will hear such owners in relation thereto and examine the proofs of such claimant or claimants, or such additional proofs or allegations as may be offered by such owners, or on behalf of The City of New York.

Dated, BOROUGH OF MANHATTAN, CITY OF NEW YORK, February 11, 1904.

BRUNO LEWINSON, Chairman;
JOHN C. COLEMAN,
FREDERIC C. WAGNER,
Commissioners.

JOSEPH M. SCHENCK,
Clerk.

f11, m8

FIRST DEPARTMENT.

In the matter of the application of The City of New York, relative to amending its application heretofore made in the matter of acquiring title, wherever the same has not been heretofore acquired, to EXTERIOR STREET (although not yet named by proper authority), from East One Hundred and Thirty-fifth street to Girard avenue at Cheever place, in the Twenty-third Ward, Borough of The Bronx, City of New York, by excluding from said proceeding certain property not required for said street.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, First Department, at a Special Term of said Court, to be held at Part III, thereof, in the County Court-house, in the Borough of Manhattan, in The City of New York, on the 17th day of February, 1904, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for an order amending the proceeding entitled "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 Exterior street, from East One Hundred and Thirty-fifth street to Girard avenue at Cheever place, in the Twenty-third Ward, Borough of The Bronx, City of New York," and the petition and order appointing Commissioners of Estimate and Assessment thereto, heretofore duly entered and filed in the office of the Clerk of the County of New York, in the Borough of Manhattan, City of New York, on the 8th day of May, 1899, by excluding therefrom certain property not required for said street, being the following-described lots, pieces or parcels of land, viz.:

Beginning at a point in the western line of Exterior street (as now being acquired) distant 51.67 feet southerly from the intersection of said line with the southern line of East One Hundred and Thirty-eighth street as legally opened;

1st. Thence easterly parallel with the southern line of East One Hundred and Thirty-eighth street for 20.67 feet;

2d. Thence southerly deflecting 75 degrees 24 minutes to the right for 743.30 feet;

3d. Thence northwesterly deflecting 135 degrees 8 minutes 30 seconds to the right for 54.05 feet;

4th. Thence southwesterly deflecting 73 degrees 34 minutes to the left for 21.81 feet;

5th. Thence southwesterly deflecting 1 degree 49 minutes 20 seconds to the right for 53.16 feet;

6th. Thence southwesterly deflecting 2 degrees 10 minutes 40 seconds to the right for 8.22 feet to the pierhead and bulkhead-line of the Harlem river;

7th. Thence northerly along said line deflecting 104 degrees 36 minutes 5 seconds to the right for 77.15 feet;

8th. Thence northerly still along said line deflecting 0 degrees 57 minutes 28 seconds to the left for 62.85 feet;

9th. Thence easterly deflecting 90 degrees to the right for 119.35 feet;

10th. Thence northerly deflecting 79 degrees 13 minutes 7 seconds to the left for 587.71 feet to the point of beginning.

The land excluded from Exterior street is shown on a map entitled "Map or plan showing change of lines of Exterior street, between East One Hundred and Thirty-eighth street and East One Hundred and Thirty-fifth street, and change of grades of East One Hundred and Thirty-fifth street and Exterior street, between Park avenue and Cheever place, in the Twenty-third Ward, Borough of The Bronx, City of New York, prepared by the President of the Borough of The Bronx under authority of chapter 466 of the Laws of 1901," which was filed in the office of the President of the Borough of The Bronx, in the office of the Counsel to the Corporation of The City of New York, and in the office of the Register of the City and County of New York on or about the 6th day of October, 1903.

Dated NEW YORK, February 4, 1904.

JOHN J. DELANY,
Corporation Counsel,
No. 2 Tryon Row,
Borough of Manhattan,
New York City.
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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, tenements and hereditaments required for the opening and extending of WESTCHESTER AVENUE (although yet named by proper authority), from the Bronx river to Main street, in the Twenty-fourth Ward, Borough of The Bronx, in The City of New York, on the 6th day of January, 1902, and in the office of the Clerk of the County of New York, at his office in the

Borough of Manhattan, in The City of New York, on the 17th day of January 1902, and in the office of the Clerk of the County of Westchester at his office at White Plains, Westchester County, in the State of New York, on the 17th day of January, 1902, a copy of which order was duly filed in the office of the Register of the County of New York, and indexed in the Index of Conveyances, No. 172, Annexed Territory, 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 may be, to the respective owners, lessees, 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 thereto attached, filed herein in the office of the Clerk of the County of New York on the 17th day of January, 1902, in the office of the Clerk of the County of Kings on the 6th day of January, 1902, and in the office of the Clerk of the County of Westchester on the 17th day of January, 1902, 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, lessees, 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 thereto, and of performing the trusts and duties required of us by chapter 17, title 4 of the Greater New York Charter, as amended, and the acts or parts of acts supplementary thereto or amendatory thereof.

Notice is hereby further given that by an order of the Supreme Court, duly filed and entered in the office of the Clerk of the County of Westchester on January 6, 1904, and in the office of the Clerk of the County of Kings on January 6, 1904, and in the office of the Clerk of the County of New York on the 7th day of January, 1904, the above-entitled proceeding was duly and regularly amended by excluding therefrom the property not required for the opening of said avenue and by including therein certain additional pieces of land, which, together with the lands to be excluded, are more particularly described and bounded in the petition attached to said order.

All parties and persons interested in the real estate taken or to be taken under this order for the purpose of acquiring 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, fourteenth floor, Nos. 90 and 92 West Broadway, in the 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 3d day of March, 1904, at 10 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 claimant or claimants, or such additional proofs or allegations as may be offered by such owners or on behalf of The City of New York.

Dated BOROUGH OF MANHATTAN, CITY OF NEW YORK, February 3, 1904.

JOHN F. COFFIN, Chairman;
EDWARD L. GODFREY,
M. J. MACK, Commissioners.

JOHN P. DUNN,
Clerk.

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FIRST JUDICIAL DISTRICT.

In the matter of the application of The City of New York, acting by and through the Commissioner of Docks, relative to acquiring right and title to and possession of the wharfage rights, terms, easements, emoluments and privileges appertaining to Pier, old No. 18, East river, in the Borough of Manhattan, The City of New York, not now owned by The City of New York, and all right, title and interest in and to said pier, or any portion thereof not now owned by The City of New York, for the improvement of the water front of The City of New York on the East river, pursuant to the plan heretofore adopted by the Board of Docks and approved by the Commissioners of the Sinking Fund.

NOTICE IS HEREBY GIVEN THAT WE, THE UNDERSIGNED, were appointed by an order of the Supreme Court, bearing date the 19th day of December, 1903, and filed and entered in the office of the Clerk of the County of New York on the 1st day of December, 1903, Commissioners of Estimate and Assessment in the above-entitled proceeding for the purpose of making a just and equitable estimate of the loss and damage to the respective owners, lessees, parties and persons entitled to or interested in the wharf property, wharfage rights, terms, easements, emoluments and privileges to be taken herein for the improvement of the water front of The City of New York on the East river, pursuant to the plan heretofore adopted by the Board of Docks and approved by the Commissioners of the Sinking Fund.

Each bid or estimate shall contain the name and place of residence of the person 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; 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 Board of Aldermen, head of a department, chief of a bureau, deputy thereof, or clerk therein, or other officer of The City of New York is, shall be or become interested, directly or indirectly, as contracting party, partner, stockholder, surety or otherwise in or in the performance of the contract, or in the supplies, work or business 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 herein are in all respects true.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders in The City of New York, or of a guaranty or surety company duly authorized by law to act as surety, and shall contain the matters set forth in the blank forms mentioned below.

No bid or estimate will be considered unless, as a condition precedent to the reception or consideration of any proposal, it be 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 five per centum of the amount of the bond required, as provided in section 420 of the Greater New York Charter.

The certified check or money should not be inclosed in the envelope containing the bid or estimate, but should be either enclosed in a separate envelope addressed to the head of the Department, President or Board, or submitted personally upon the presentation of the bid or estimate.

For particulars as to the quantity and quality of the supplies, or the nature and extent of the work, reference must be made to the specifications, schedules, plans, etc., on file in the said office of the President, Board or Department.

No bid shall be accepted from or contract awarded to any person who is in arrears to The City of New York upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the City.

The contract must be bid for separately.

The right is reserved in each case to reject all bids or estimates if it is deemed to be for the interest of the City so to do.

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

Bidders are requested to make their bids or estimates upon the blank forms prepared and furnished by the City, a copy of which, with the proper envelope in which to inclose the bid, together with a copy of the contract, including the specifications, in the form approved by the Corporation Counsel, can be obtained upon application therefor at the office of the Department for which the work is to be done. Plans and drawings of construction work may also be seen there.