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DEPARTMENT OF WATER SUPPLY.

Report for the Quarter ending March 31, 1898.

DEPARTMENT OF WATER SUPPLY—COMMISSIONER'S OFFICE,
No. 150 NASSAU STREET,
NEW YORK, July 18, 1898.

Hon. ROBERT A. VAN WICK, Mayor:

DEAR SIR.—In compliance with section 1544 of the Greater New York Charter, I have the honor to present the following report of the operations of the Department of Water Supply for the three months ended March 31, 1898.

BOROUGHS OF MANHATTAN AND THE BRONX.

The entire water supply for the Borough of Manhattan comes from the Croton Watershed. In the Borough of The Bronx the territory west of the Bronx river is supplied from the Bronx and Byram River Watersheds; the territory east of the Bronx river is supplied by the New York and Westchester Water Company.

The average daily supply from the Croton Watershed for the three months was 220,500,000 gallons, all passing through the New Aqueduct. Except for the supply of water to the contractors engaged in building the Cornell Dam and Reservoir, and for the State Prison at Sing Sing, the Old Aqueduct still remains closed in consequence of alterations to connect it with the new reservoir which the Aqueduct Commissioners are building at Jerome Park.

From the Bronx and Byram Watersheds an average daily supply of 17,000,000 gallons has been received.

No draughts have been made on storage reservoirs, the natural flow of the Croton river being sufficient throughout the quarter, at the end of which all the reservoirs were filled to high-water mark.

The rainfall for the three months at the several stations where rain gauges are kept by the Department in the Croton and Bronx river system was as follows:

At Hoyts Corners Reservoir.....	14.01 inches.
At Middle Branch Reservoir.....	11.51 "
At Croton Dam.....	11.04 "
At Kensico Reservoir, Bronx river.....	11.88 "
At Central Park Reservoir.....	10.39 "

Surveys are in progress for a new storage reservoir on the Cross river, a branch or tributary of the Bronx.

The work under the contract for the reservoir and appurtenances at Byram Pond has remained suspended on account of unsuitable weather.

Engineering parties have continued the surveys and preparation of maps requested by the Corporation Counsel for current proceedings for the acquisition of lands and appraisement of damages, and for the further sanitary protection of the water supply from the Croton, Bronx and Byram rivers.

The operation of the electrozone plant for disinfecting the sewage at the Village of Brewster, and the dry pan process for treating the sewage at the Village of Mount Kisco, have been continued. Five gangs of Laborers have been engaged in clearing lands acquired by the City on the borders of streams, ponds and reservoirs. In conjunction with the force employed by the Aqueduct Commissioners, the watersheds are constantly patrolled to detect and prevent nuisances which tend to the pollution of the water.

Eight gangs of companies of workmen have constantly patrolled the aqueducts and the distributing reservoirs, and have made all necessary repairs to these structures and their appurtenances.

During the quarter contracts for laying water-mains to extend the water service were completed in forty-seven different streets, under the annual appropriation for "Laying Croton Pipes." Under the several contracts there were laid 1,434 linear feet of 36-inch mains; 62 linear feet of 20-inch mains; 3,458 linear feet of 12-inch mains, and 8,502 linear feet of 6-inch mains, making a total of 13,490 linear feet, or 2.54 miles of new mains. In connection therewith, 37 new stop-cocks and 45 new fire-hydrants were placed.

The work under the contracts for laying large water-mains, payable from the "Water Main Fund," to increase the supply and pressure of water in the lower and central sections of the Borough of Manhattan, was suspended for the greater part of the quarter in consequence of stormy weather. Since January 1, 1898, vouchers and certificates for payments have been forwarded to the Comptroller for furnishing and laying 11,625 linear feet of 36-inch mains; 1,400 linear feet of 20-inch mains; 1,100 linear feet of 12-inch mains; 150 linear feet of 6-inch mains, and for furnishing and placing 26 stop-cocks and 4 fire-hydrants.

One company of mechanics and laborers has been engaged in placing 19 new fire-hydrants and their connections with water-mains, in response to requests from the Fire Department.

For the maintenance and repairs of the water-mains, stop-cocks and hydrants, the distributing system is divided into six districts—four in the Borough of Manhattan and two in the Borough of The Bronx. Each district is in charge of a foreman and company of mechanics and laborers, with a central repair shop or station, connected by telephone with the Central Office of the Department and the offices and stations of the Police Department and Fire Department and the general telephone systems. Men are kept on duty at these repair stations at all hours of the day and night, to receive and respond to messages of accidents and calls for repairs. The following are the principal items of work done by this force during the quarter:

168 old fire hydrants replaced by new ones.

1,409 fire hydrants repaired.

4 new stop-cocks placed.

475 stop-cocks repaired.

410 leaks in water-mains repaired.

325 leaking-taps in water-mains shut off.

An additional repair company has been engaged in relaying water-mains and resetting in the proper grades the stop-cocks on First, Second, Third, Fifth, Eighth, Ninth and Tenth avenues and on Forty-second street.

During the quarter 705 taps for new house connections with water-mains were placed.

BOROUGH OF BROOKLYN.

The Brooklyn water system differs radically from the Croton and Bronx river systems, in that the entire Brooklyn supply has to be pumped from wells, shallow streams and ponds, distributed over the westerly part of Long Island, to the necessary elevation, to deliver it through conduits to receiving reservoirs within the city limits and then has to be raised again by pumping for delivery through the distributing mains, whereas all the water from the Croton and Bronx systems is delivered in the receiving reservoirs by gravity.

The Brooklyn system now includes 22 miles of brick conduits from Massapequa Pond to the Ridgewood Engine-house; 23 miles of 48-inch and 36-inch cast-iron conduits from the Milburn Pumping Station to the Ridgewood Reservoir; 22 pumping stations between Gravesend and Massapequa Pond, and 378 miles of distributing mains, with 4,570 stop-cocks and 6,138 fire hydrants.

The brick conduit and the 48-inch cast-iron conduit from the Milburn Pumping Station to the Ridgewood Reservoir are overtaxed, and another conduit is immediately necessary to insure the safety and continuity of the present supply in the event of an accident to either of the present conduits.

The average daily supply received and distributed in the Borough of Brooklyn during the three months is 92,259,432 gallons, of which 89,682,273 gallons were distributed from the Ridgewood Pumping Station, 4,527,089 gallons from the Mount Prospect Station for ordinary service, 2,308,728 gallons from the Mount Prospect Station for high service, 1,598,002 gallons from the Gravesend Pumping Station, and 976,157 gallons from the New Utrecht Pumping Station. The average rainfall for the quarter in the territory embraced in the Brooklyn water system was 11.20 inches.

The Department has received no complaints of inadequate supply and pressure from the water-mains in the Borough of Brooklyn, but has received a number of applications for laying distributing mains to extend the service into new streets and districts. Several of these applications were for extending the public water service into the Thirty-second Ward of the borough, the former Town of Flatbush, which is supplied by the Long Island Water Supply Company, under a contract with the late town authorities.

There are two obstacles to the extension of the water service with which this Department has to contend, viz.: The privileges and rights of private water companies under contract with former town and village authorities, and the limitation of bond issues for the laying of additional water-mains at the City's expense.

The erection of the last three new pumping-engines at the Ridgewood Pumping Station has been delayed in consequence of the necessity of operating one of the old engines. The two other new engines have been in successful operation. Many improvements have been made in the steam-fitting and other details at this pumping station.

The new pumping engine, of three million gallons capacity per day, at the Mount Prospect Station, has been completed, and by test has shown a capacity in excess of the contract requirements, for which the contract provides a premium.

The laying of the line of 60-inch steel pipe as a by-pass at the Ridgewood Reservoir has been completed, and the pipes satisfactorily tested. Two additional water-meters have been placed on the 36-inch force mains. Connections have been made between all of the force mains and the by-pass and from the by-pass to the stand-pipe. All the work under the contract for this improvement has been completed except some filling.

Under the contract for the pipe line it is desired to divert polluted water from the Hempstead stream and which includes the laying of 14,400 feet of 36-inch cast-iron pipe, good progress has been made and about 7,400 linear feet of pipe been laid.

At the New Utrecht Pumping Station nine new wells have been completed and four more wells are to be driven. The increase of population in the section which is supplied with water from this station will make it necessary to drive additional wells and increase the pumping capacity.

At the Springfield Pumping Station six additional 8-inch wells have been driven, averaging from 150 to 165 feet in depth. Four additional wells are to be driven to complete this station. The average daily supply received so far is 2,500,000 gallons per day.

BOROUGH OF QUEENS.

In this borough there are six water plants owned by the City, viz., three in Long Island City, one in Flushing, one in College Point and one in Woodside. The total pumping capacity of these plants is 10,000,000 gallons per day, and the capacity of the wells from which the water is drawn is 5,000,000 gallons per day. The public water system includes 84 miles of water-mains, 600 fire-hydrants, 454 stop-cocks, and 1,600 houses are supplied from this system. A considerable part of the borough, however, is supplied with water by private water companies, and the City is charged with the expense of maintaining fire-hydrants by these companies, as follows:

The Queens County Water Company.....	263 hydrants.
The Woodhaven Water Company.....	307 "
The Citizens' Water Supply Company.....	298 "
The Jamaica Water Supply Company.....	395 "

—the price for each hydrant being \$10 to \$25 per annum.

To furnish an adequate supply of water to the population in this borough, it is necessary to expend at least \$100,000 to put the pumping stations in thoroughly effective condition, and \$150,000 to drive additional wells and lay additional water-mains.

BOROUGH OF RICHMOND.

With the exception of a small pumping station at Tottenville, which was completed in December last, the entire territory of this borough is supplied with water by private water companies. There are in the borough 128 miles of water-mains, with 900 fire hydrants. Under the existing contracts made by former town and village authorities, the City is to pay \$30 per annum each for 404 hydrants, and \$25 per annum each for 556 hydrants.

Until the consolidation of the Greater City of New York, the questions which present themselves as to the advantages of having public water supply furnished by the municipality direct, or through private companies, had not presented itself, because all the territory of the former City of New York had always been supplied with water directly by the City.

I believe it to be good policy on the part of the City government to acquire or extinguish the rights of private water companies within its territory as soon as possible. The investments of the old City of New York, as well as that of the City of Brooklyn, in their water-works, have proven satisfactory, both in the sense of general public benefit and comfort and as a financial investment. The revenue derived from the public water supply in the Boroughs of Manhattan, The Bronx and Brooklyn is sufficient to pay for the maintenance of the system and to leave a surplus for a sinking fund sufficient to extinguish the bond issues incurred, in a short time.

REVENUE FROM THE WATER SUPPLY.

The following revenue from the water service has been collected and paid into the City Treasury by the Department:

Boroughs of Manhattan and The Bronx.

Regular water rents.....	\$36,015 54
Penalties on water rents.....	1,743 00
Charges for water supplied through meter.....	517,848 05
Water supplied to shipping.....	30,965 10
Water for building purposes.....	9,111 80
Water for miscellaneous purposes.....	1,068 80
Permits to tap water mains.....	2,917 00

\$399,669 69

Borough of Brooklyn.

Regular and extra water rents.....	\$92,799 13
Arrears of water rents.....	34,957 00
Penalties on water rents.....	3,008 72
Permits to supply water.....	1,702 25
Water for building purposes.....	2,216 85

\$134,664 55

Borough of Queens.

Receipts for water rents.....	\$4,483 20
Receipts for permits to tap water mains.....	54 00

\$4,539 20

Borough of Richmond.

Receipts for water rents.....	\$22 00
Receipts for permits to tap water mains.....	4 00

\$26 00

SUMMARY OF EXPENDITURES

On account of annual appropriation, raised by taxation, for the year 1898	\$145,000.00
For liabilities incurred in preceding years	55,805.94
On account of Additional Water Fund, Boroughs of Manhattan and The Bronx	258,021.18
On account of fund for archways at Horsemill Avenue	4,421.57
On account of Croton Water Fund	39,987.37
On account of Fire-hydrant Fund	4,371.74
On account of revenue bonds for readjusting water-pipes connected with the Forty-second Street Reservoir	1,304.95
On account of Water Main Fund	146,126.99
On account of fund for furnishing and setting water-meters	275.41
On account of fund for College Point water-works	2,754.66
On account of fund for stamping at College Point	3,400.00
On account of Water Supply—Maintenance and Repairs, Borough of Brooklyn	20,285.87
On account of Water Supply—Maintenance and Repairs, Borough of Brooklyn—Salaries	20,671.42
Water Supply—Distribution and Repairs—Salaries, Borough of Brooklyn	1,5702.72
	\$726,505.16

DOCUMENT "A"

Showing Title of Appropriations, Appropriations for Bills, Requisitions, First Quarter, 1898; Balance of Appropriations on April 1, 1898; Title of Trusts and Special Accounts, and Requisitions, First Quarter, 1898.

TYPE OF APPROPRIATION	BALANCE	APPROPRIATED APRIL 1, 1898	REQUISI- TIONS FIRST QUARTER, 1898	BALANCE APRIL 1, 1898
Aqueduct—Repairs and Maintenance	Manhattan and The Bronx	\$10,000.00	\$15,000.00	\$15,000.00
Aqueduct—Repairs and Maintenance	—	22,000.00	22,000.00	0.00
Bronx River Works—Maintenance and Repairs	—	35,000.00	35,000.00	0.00
Brick River Works—Maintenance and Repairs—Salaries	—	3,000.00	3,000.00	0.00
Laying Croton Pipe	—	300,000.00	—	300,000.00
Laying Croton Pipe—Salaries	—	10,000.00	10,000.00	0.00
Public Drinking-fountains	—	—	—	0.00
Repairs and Renewal of Taps, Seats, Seats, etc.	—	10,000.00	10,000.00	0.00
Salaries—General Administration	—	3,000.00	3,000.00	0.00
Salaries—Deputy Commissioner, Chief Clerk and Employees	—	10,000.00	10,000.00	0.00
Salaries—Engineers, Inspectors, Inspectors, and Managers	—	10,000.00	10,000.00	0.00
Salaries—Supplying Water—Salaries and for Building Purposes	—	7,000.00	7,000.00	0.00
Water in Dry-cleaning Work	—	10,000.00	10,000.00	0.00
Salaries—Office of Deputy Commissioners	Bronx	10,000.00	10,000.00	0.00
Salaries—Office of City Engineer	—	10,000.00	10,000.00	0.00
Salaries—Office of Water Engineer	—	50,000.00	50,000.00	0.00
Salaries—Laboratory	—	1,000.00	1,000.00	0.00
Contingencies—Office of Deputy Commissioners	—	1,000.00	1,000.00	0.00
Contingencies—General—Allied Engineers	—	2,000.00	2,000.00	0.00
Contingencies—Ex. of Library	—	10,000.00	—	10,000.00
Salaries—Office of Deputy Commissioners	—	10,000.00	10,000.00	0.00
Salaries—Pumping stations	—	20,000.00	20,000.00	0.00
Pumping Stations—Faucet and Tap	—	15,000.00	15,000.00	0.00
Measurements and Supplies—Water Pipes, etc.	—	8,000.00	8,000.00	0.00
Telephone Service	—	1,000.00	1,000.00	0.00
Supplying Water—Long Island City	—	200,000.00	200,000.00	0.00
Salaries—Office of Deputy Commissioners	—	10,000.00	10,000.00	0.00
Pumping-stations—Salaries and Supplies	—	10,000.00	10,000.00	0.00
Contingencies	—	250.00	250.00	0.00

TOTAL OF TRUSTS AND SPECIAL ACCOUNTS

	BALANCE	REQUISI- TIONS FIRST QUARTER, 1898
Additional Water Fund	Manhattan and The Bronx	\$400,000.00
Riverbank Archway	—	4,421.57
Croton Water Fund	—	30,000.00
Fire Hydrant Fund	—	4,371.74
Sewerage and Sanitary Construction Pipe	—	3,000.00
Water Main Fund	—	146,126.99
Water-meter Fund	—	250.00
College Point Water Works Fund	Bronx	2,754.66
Wood Pipe, College Point	—	1,000.00
Water-supply—Maintenance and Repairs—Salaries	Bronx	10,671.42
Water-supply—Maintenance and Repairs—Miscellaneous Supplies	—	10,000.00
Water-supply—Distribution and Repairs—Salaries	—	1,5702.72

NOTE.—Requisitions were drawn during the quarter on liabilities of \$457, amounting to \$45,000.00; on liabilities of \$186, amounting to \$4,000.00; and on liabilities of \$10, amounting to \$1,000.00.

Very respectfully,

WM. DALTON, Commissioner of Water Supply.

DEPARTMENT OF WATER SUPPLY—BUREAU OF WATER REGISTER,
No. 150 NASSAU STREET,
NEW YORK, March 31, 1898.

WILLIAM DALTON, Esq., Commissioner of Water Supply.

SIR—I herewith transmit statement of money received for water rents, penalties, tips, etc., for the quarter ending March 31, 1898.

	REGULAR RATES, PRINCIPAL	Penalties	TOTAL
January	\$100,000.00	\$10,000.00	\$110,000.00
February	100,000.00	10,000.00	110,000.00
March	100,000.00	10,000.00	110,000.00
	\$300,000.00	\$30,000.00	\$330,000.00

Meters outside of Riverdale and exclusive of streetmeters	
January	80,000.00
February	80,000.00
March	80,000.00
Riverdale Meters	
January	200.00
February	200.00
March	200.00
Staten Island Meters	
January	100.00
February	100.00
March	100.00

REGULAR RATES, PRINCIPAL	TOTAL	TOTAL
80,000.00	80,000.00	80,000.00
80,000.00	80,000.00	80,000.00
80,000.00	80,000.00	80,000.00
	\$240,000.00	\$240,000.00

MISCELLANEOUS

Building Permits	
January	500.00
February	500.00
March	500.00
Permit issued, \$10.	
Estates, Hotels, etc.	
January	800.00
February	800.00
March	800.00
Permit issued, \$10.	
Tugs	
January	100.00
February	100.00
March	100.00
Permit issued, \$10.	
Taps	
January	100.00
February	100.00
March	100.00
Permit issued, \$10.	
Repairing Streets	
January	100.00
February	100.00
March	100.00
Permit issued, \$10.	
Meter-Reading Fund, Taxes	
January	100.00
February	100.00
March	100.00
	300.00

The above report is herewith submitted.

Very respectfully,

WM. G. BYRNE, Water Register.

DEPARTMENT OF WATER SUPPLY—OFFICE OF CHIEF ENGINEER
ROOM 1715, NO. 150 NASSAU STREET,
NEW YORK, April 6, 1898.

Hon. WILLIAM DALTON, Commissioner of Water Supply:

DEAR SIR.—Under section 1544 of the Charter, herewith please find statement of the operation of this Bureau for the quarter ending March 31, 1898.

BOROUGHS OF MANHATTAN AND THE BRONX

SUMMARY OF EXPENDITURES

Additional Water Fund	\$302,584.78
Aqueduct—Repairs, Maintenance and Supplies	59,210.82
Aqueduct—Repairs, Maintenance and Supplies—“Salaries”	7,545.65
Bridge over Harlem River at Third Avenue	1,083.33
Bronx River Works—Maintenance and Repairs	5,748.29
Bronx River Works—Maintenance and Repairs—“Salaries”	675.00
Bronx Avenue Archways	4,421.57
Croton Water Fund	40,450.87
Fire Hydrant Fund	4,371.86
Laying Croton Pipes	23,300.42
Laying Croton Pipes—Salaries	3,303.08
Repairing and Renewal Pipes, etc.	43,055.29
Revenue Bond Fund, Forty-second Street Reservoir	1,304.95
“Salaries,” Engineer	624.99
Water Main Fund	121,250.39
	\$802,696.26

STORAGE RESERVOIRS

The Croton river has furnished a full supply to the aqueducts during the quarter. All of the storage reservoirs are full. Work on the improvement of White Pond and channelway has commenced.

RAINFALL

	INCHES		
	JANUARY	FEBRUARY	MARCH

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RAINFALL.

The rainfall, as observed in this office in the Municipal Building and at our Storage Reservoir at Hauquon during the quarter, was as follows:

Inches	Inches			
	January	February	March	Total
Storage Reservoir	1.60	4.75	0.50	6.85
Hauquon	4.40	3.90	0.40	8.70

ANALYSIS.

The work done at our Mount Prospect Laboratory during the quarter was as follows:

Water Samples.

— 105 samples received; 465 physical examinations; 271 chemical analyses; 107 partial chemical analyses; 405 microscopic examinations; 323 bacteriological examinations; 104 special bacterial examinations; 12 general mineral analyses; 148 chlorine determinations at driven-well stations.

Manufacture.

Two analyses of sediment from shallow wells at Jamaica; 5 experiments on solution for hydraulic oil; 40 experiments on the action of water on the sulfate; 6 analyses of boiler scale; investigation of analyses for bisulfite oils; one inspection of all sources of supply and storage reservoirs; one special inspection of bisulfite-sulfuric sources.

DISTRIBUTION SYSTEM.

During the quarter 7,047 linear feet of 8-inch pipe were laid, and 23 hydrants and 28 eight-inch main gates were set.

WATER PLANT EXPENSES.

Work on the new 2,000-gallon pumping engine for the Mount Prospect high service, which was begun on November 1, 1897, was completed early this year, and was tested for five days beginning on February 14. The duty stipulated in the contract for this engine was 75,518,000 foot pounds. Under the terms of the contract it was stipulated that a bonus should be paid to the contractor of \$250 per week million foot pounds over and above the stipulated duty up to 100,000,000 foot pounds. The contract price was \$9,000, making the amount due the contractor at a final estimate, including deductions for alterations in the work and the premium due for excess of duty, \$1,000. The final estimate was made for the amount of the contract, having a balance due the contractor, Mr. M. T. Davidson, of \$1,100. The engine is of the triple-expansion, horizontal, cross-acting type, with main cylinders of 21½ inches, 20 inches and 24 inches diameter, respectively, and water cylinders of 21 inches, all having a 24-inch stroke. The engine is operating very satisfactorily.

MOUNT PROSPECT APPARATUS.

One of the three 20-inch Vennari meters purchased last year has been set upon the 20-inch high-service main leading from the stand-pipe. It was intended to use this meter in connection with the engine test, but it was thrown out of adjustment early in the test by a break in the force tube, and was not required in time to be of service in this connection. It has since been repaired, and is now ready for use.

Hempstead Pump Station.

Owing to the necessity of operating old engine No. 2 at this station, it was not possible until very recently to permit the work of erection of the last of the three new engines to be begun. At present arrangements are being made for illuminating the old engine, after which the erection will be at once commenced. Considerable work has been done on the two engines previously erected to insure their smooth operation, the work consisting mainly of making joints, reworking valves, and changing bearing or lifter-carriers. One of the engines has been covered with Koenig's magnesia and iron vitreous tile, which work has now completed; as also the lagging of one of the engines, while similar work on the second engine is nearly completed. Several of the accessories have been removed, the base strengthened, a number of joints put in and the pump rod set in. All in the piping on the pump main has been covered and the damper registers adjusted. The small rotary air-lifters have been replaced by electric lighting instead; and both sets of hoppers covered with Koenig's magnesia. Many improvements have been made in the stand-piping and others are still in progress, the work being done by the contractors without interruption of the service.

MOUNTAIN ENGINE.

Under the terms of the agreement entered into last year with Mr. M. T. Davidson, the engines at this station and 20-inch, were to be rented to the City for \$20 per day each, and the rental payments were to apply as part of the purchase price. On March 11 the Oceanus engine, under these conditions, became our property, and on May 1 the one at Sherwood will likewise belong to the City.

SHERWOOD PUMP.

The laying of the oceanus steel pipe has been completed and the ring satisfactorily tested to 50 pounds per square inch. Two more meters were placed on the 36-inch main main, making ten more stoppers at 100 pounds. They have not yet been connected to the regulating apparatus, nor has the preparation for the installation of the same been erected. Connections have been made between all four main 20-inch bypass, and also upon the bypass to the stand-pipe. The stand-pipe has been tested and the manholes completed. The hand-pump for operating the large 34-inch gate by hydraulic pressure has been set up and satisfactorily operated. All the work under the contract has been completed, except some filling between the ends of the pipe line and the foot of the reservoir and embankment.

HOUSTON BY-PASS.

The work to be done at this point is for the diversion of the polluted portion of the Hempstead stream, and consists principally in laying about 14,400 feet of 36-inch cast iron pipe from the head of the Hempstead Storage Reservoir to the lower end of Smith's Pond. The trench was partially opened last year, and during the past three months the pipe has been delivered and about 7,400 linear feet laid. Under the terms of this contract it was agreed that three and one-half months after the date of written notice to the contractor to begin work, the water in the Hempstead Reservoir should be held at an elevation of not more than 17.5 feet above water-supply datum. The failure to provide the increased supply heretofore frequently recommended by this Department made it impracticable to lower the storage reservoir to the stipulated height, as it would entail too serious a loss in our storage, on March 5, the contractor was, therefore, given written notice to stop laying pipe at such points where the increased depth of water would interfere with the work. He was, however, permitted to continue the work at the upper end of the reservoir. The concrete foundation at the intake has been made and a portion of the brick walls for the same built; the ditch at the intake is practically finished and a portion of the filling made.

NEW Utrecht Driven Wells.

The work of substituting deeper wells for the old wells at the New Utrecht Pumping Station, which was begun last fall, has been continued. At the present time nine wells, with a 6-inch outer casing and 4-inch section, have been completed, of which seven are connected and are in service; there yet remain four more wells to be driven. It is more than likely that the increased demand of the section which this plant supplies will require further extension of the driven wells at this station.

AMICO DRIVEN WELLS.

The shallow 2-inch driven wells at this station have all been taken up, cleaned and redriven, thereby increasing the supply.

SPRINGFIELD DRIVEN WELLS.

Six more 3-inch wells with 5½-inch section have been driven at this station during the past three months; these wells average from 136 to 166 feet in depth. There yet remain four more wells to be driven before the station is completed. This station was first put in service in December of last year, and the yield during the last three months has averaged about 2,500,000 United States gallons.

FOREST PARK RESERVOIR.

Additional cross sections required at this point, in order to make up detailed plans, have been made and mapped and the profiles partially completed. The area covered by the cross sections amounts to nearly 70 acres.

A portion of the Borough of Brooklyn is supplied by private water companies, the City paying for the use of the hydrants on same.

100 miles of mains laid.

1,116 hydrants on same.

At the price for use of same is very large, \$35 to \$40 per hydrant per annum, the City should take the necessary means to purchase these plants.

BOROUGH OF QUEENS.

EXPENDITURES FOR QUARTER.

Salaries—Office of Deputy Commissioner	\$1,462.51
Salaries etc., Pumping Stations	5,323.60
Maintenance and Repairs—Water Pipes	2,220.16
Fuel for Steam Pipe	34,490.00
Fuel for Steam Pump	3,754.66
Total	\$17,750.99

This borough is partially supplied with water by private water companies, who have the following hydrants on their mains, under contracts to be paid at a rate per year as follows:

	NO. OF HYDRANTS	RATE PER ANNUM
Queens County Water Company	392	\$20.00
Woodhaven Water Company	202	10.00
Cassons' Water Supply Company	262	10.00
Jamaica Water Supply Company	77	10.00

The City owns 6 water plants: 3 in Long Island City, 1 in Flushing, 1 in College Point and 1 Woodside.

Total pumping capacity, 16,000,000 gallons per day.

Total well, etc., capacity 5,000,000 gallons per day.

50 miles of mains laid, 600 fire hydrants, 45 stop-cocks, 1,000 houses on line of mains.

There is required to place these plants in proper working order and to distribute the water from same, the expenditure of \$100,000, to lay larger and new water-mains, and \$150,000 to drive new wells, furnish new machinery, build coal-houses and repair and renew present machinery.

BOROUGH OF RICHMOND.

EXPENDITURES DURING QUARTER.

Salaries—Office of Deputy Commissioner	\$683.60
Pumping Stations	160.00
Total	\$843.60

This borough is generally supplied with water by private water companies.

120 miles of mains.

304 hydrants, at \$30 per annum, and 556, at \$25 per annum.

This City owns one small plant at Tottenville that was completed in December, 1897, and, to the best of my knowledge, paid for. On account of the weather only 10 fire hydrants placed on the mains.

The pumping plant has a capacity of 500,000 gallons per day; wells, only 150,000 gallons per day.

15,476 linear feet of mains laid; 60 fire hydrants; 51 stop-cocks; 100 houses on line of mains.

There should be during the year two more 10-inch wells and one 10-inch well, with fire hydrants belonging to the City cleaned up and fenced, at an expense of \$7,000.

As fast as practicable the houses will be measured and placed on maps and books, so that the charges for fire-insurance rates (that is fire protection) will accrue against same, respectively.

G. W. BIRDSDALE, Line Engineer.

DEPARTMENT OF WATER SUPPLY.

BOROUGH OF BROOKLYN.

April 15, 1898.

Hon. William Dalton, Commissioner of Water Supply, City of New York:

Sir.—Statement of transactions of the Department of Water Supply, Borough of Brooklyn for the quarter ending March 31, 1898.

RECEIPTS.

Money Collected for Water Rent and other Services.

Month	Amount	Excess	Deficiency	Amount	Excess	Deficiency
Jan.	\$1,614.50	14,071.50	14,071.50	\$1,614.50	14,071.50	14,071.50
Feb.	1,279.40	10,669.40	10,669.40	1,279.40	10,669.40	10,669.40
Mar.	1,243.40	10,333.40	10,333.40	1,243.40	10,333.40	10,333.40
Apr.	1,213.50	10,003.50	10,003.50	1,213.50	10,003.50	10,003.50
May	974.50	9,674.50	9,674.50	974.50	9,674.50	9,674.50
June	1,000.50	9,700.50	9,700.50	1,000.50	9,700.50	9,700.50
July	1,250.50	10,250.50	10,250.50	1,250.50	10,250.50	10,250.50
Aug.	1,214.50	10,014.50	10,014.50	1,214.50	10,014.50	10,014.50
Sept.	1,214.50	9,984.50	9,984.50	1,214.50	9,984.50	9,984.50
Oct.	1,214.50	9,984.50	9,984.50	1,214.50	9,984.50	9,984.50
Nov.	1,214.50	9,984.50	9,984.50	1,214.50	9,984.50	9,984.50
Dec.	1,214.50	9,984.50	9,984.50	1,214.50	9,984.50	9,984.50
Jan.	1,214.50	9,984.50	9,984.50	1,214.50	9,984.50	9,984.50
Feb.	1,214.50	9,984.50	9,984.50	1,214.50	9,984.50	9,984.50
Mar.	1,214.50	9,984.50	9,984.50	1,214.50	9,984.50	9,984.50
Apr.	1,214.50	9,984.50	9,984.50	1,214.50	9,984.50	9,984.50
May	1,214.50	9,984.50	9,984.50	1,214.50	9,984.50	9,984.50
June	1,214.50	9,984.50	9,984.50	1,214.50	9,984.50	9,984.50
July	1,214.50	9,984.50	9,984.50	1,214.50	9,984.50	9,984.50
Aug.	1,214.50	9,984.50	9,984.50	1,214.50	9,984.50	9,984.50
Sept.	1,214.50	9,984.50	9,984.50	1,214.50	9,984.50	9,984.50
Oct.	1,214.50	9,984.50	9,984.50	1,214.50	9,984.50	9,984.50
Nov.	1,214.50	9,984.50	9,984.50	1,214.50	9,984.50	9,984.50
Dec.	1,214.50	9,984.50	9,984.50	1,214.50	9,984.50	9,984.50
Jan.	1,214.50	9,984.50	9,984.50	1,214		

Salaries—Office of Water Register.

	CR.	
Appropriation, 1898.		\$39,540.00
	DR.	
Payroll, January	53,195.72	
February	1,777.71	
March	3,245.10	
January, weekly	3,189.10	
February, weekly	300.00	
March, weekly	252.00	
Total	360.00	
Balance April 1, 1898.	12,319.73	
	\$47,220.73	

Contingencies—Office of Deputy Commissioner.

	DR.	
Appropriation, 1898.		\$1,000.00
	CR.	
March 28, 1898, voucher of E. Eastman for carfares and messenger service from January 1 to March 28, 1898.	15.32	
Balance April 1, 1898.	9984.70	

Account.	JANUARY	FEBRUARY	MARCH	TOTAL
Water Supply—Maintenance and Repair, Salaries and Wages.	\$34,217.35	\$22,240.00	\$21,032.75	\$77,490.10
Maintenance and Repair, Materials and Supplies	20,000.00	15,420.00	14,200.00	49,620.00
Distribution and Repair—Salaries and Wages	14,540.92	14,291.75	17,485.07	46,217.74
Distribution and Repair—Materials and Supplies	5,677.10	3,102.00	3,102.00	11,881.10
Tax Levy—Interest, Chief Engineer's Office	651.15	634.15	630.15	1,915.45
Salaries, Laboratory	419.00	419.00	419.00	1,257.00
Commissions, Laboratory	231.15	215.15	215.15	645.45
Total.	\$69,674.50	\$73,054.00	\$74,100.00	\$216,828.50

Water Construction.

Account.	JANUARY	FEBRUARY	MARCH	TOTAL
Resolution, July 1, 1894—Revised Ridgewood Engine and Holdings	\$7,400.00	890.00	82,800.00	90,090.00
Resolution, July 1, 1897—Old Ridgewood Reservoir	1,507.00	1,357.00	.....	2,864.00
Resolution, September 1, 1897—Diversion Hempstead Stream	26,120.40	16,932.00	31,068.20	74,120.60
Resolution, May 13, 1897—New Engine, Prospect Engine-house	.....	1,400.00	1,400.00	2,800.00
Resolution, December 28, 1897—Extension of Distribution	.....	7,000.00	7,000.00	14,000.00
Total.	\$20,907.00	8,797.00	122,171.00	\$210,875.00

JAMES MOFFETT, Deputy Commissioner of Water Supply.

DEPARTMENT OF WATER SUPPLY—DEPUTY COMMISSIONER'S OFFICE, / BOROUGH OF QUEENS, April 9, 1898.

Hon. WILLIAM DALTON, Commissioner of Water Supply, New York City:

DEAR Sir.—In accordance with section 1544 of the Greater New York Charter, I transmit herewith the following report and quarterly statement of the condition of the water supply in the Borough of Queens for the quarter ending April 1, 1898.

Annexed hereto, and forming portion of this report, is a tabulated statement showing the collections, miles of main, fire hydrants, taps, meters, etc., in the five wards of this borough.

The First and Third Wards of the Borough of Queens have water systems belonging to the City. The First Ward has three pumping stations, supplying to it at the present time about 2,500,000 gallons of water per day.

The Third Ward has three pumping stations and supplying to it about 1,500,000 gallons per day.

There are no reservoirs or stand-pipes in the First Ward.

In the Third Ward there are three stand-pipes, one erected in 1892, the other two erected last year, now in use but not completed.

There has been no material change in the condition of the borough reported to you in my letter of January 10.

No additional mains have been laid or wells driven, or any other steps taken looking into the increase of the water supply in the First Ward, as therein recommended.

I have endeavored, by promptly remedying all reported cases of wasteage, to maintain as full a supply as possible, but am still in receipt of numerous complaints.

I have not yet commenced the collection of the regular water rates in the First Ward. This should be done at once, if it is to be done. I am awaiting the determination of the Corporation Counsel on this point.

I have heretofore transmitted the contracts for hydrant service by private companies in the Second, Fourth and Fifth Wards.

If the contracts are sustained, and these hydrants placed under my jurisdiction, I should need three hydrant inspectors, in addition to my present force.

I also deem it necessary, in case we are to collect the Long Island City water rates, to have an additional Clerk here.

Yours truly,
JOS. FITCH, Deputy Commissioner.

BOROUGH OF QUEENS.	COLLEC-	MILES OF	PIPE HY-	TAPS,	METERS,	CAPACITY,	STAND-
RATES.....	COLLEC-	MILES OF	DRANTS,	TAPS,	METERS,	GALLONS,	PIPES,
First Ward	\$3,238.65	27.56	360	3,023	Esti- mated	1,273	.....
Taps.....	54.00	.....	.....	.....	.....	.....	.....
Second Ward, Private Companies.	.....	.....	298	.....	.....	.....	.....
Third Ward, Flushing.....	15.62	265	2,066	1,636	.....	900,000	.....
Third Ward, College Point.....	15.20	70	228	418	.....	850,000	.....
Third Ward, Whitestone.....	1,246.55	10.0	90	305	170	1,230,000	3
Fourth Ward, Private Companies.	.....	.....	307	.....	.....	.....	.....
Fifth Ward, Private Companies.....	.....	335	.....	.....	.....	.....	.....
Total.....	\$4,539.70	82.28	1,625	6,416	2,602	1,847,000	3

	Disbursed on Account of Appropriation.	
Office salaries.....	\$3,262.60	
Pumping stations.....	1,642.72	
Fuel, etc.....	375.00	
Maintenance.....	2,226.16	
Total.....	8,206.38	

APRIL 9, 1898.
JOSEPH FITCH, Deputy Commissioner Water Supply, Borough of Queens.

OFFICE OF THE
DEPUTY COMMISSIONER OF WATER SUPPLY OF THE CITY OF NEW YORK
FOR THE BOROUGH OF RICHMOND,
NEW BRITTON, N. Y., March 31, 1898.

REPORT OF THE TRANSACTIONS OF THE DEPARTMENT OF WATER SUPPLY, BOROUGH OF RICHMOND, FOR THE QUARTER ENDING MARCH 31, 1898.

HON. WILLIAM DALTON, Commissioner of Water Supply, No. 150 Nassau Street, New York City:

DEAR Sir—I herewith respectfully submit, as required by section 1544, chapter 378 of the Laws of 1897, a report of the operations of the branch of your Department located in the Borough of Richmond for the quarter ending March 31, 1898, simply prefacing the more detailed report with such general information concerning the work as I deem worthy of your consideration.

The piped water-supply of the island is, without exceptions, furnished by the artesian well system, there being three private companies operating plants, and one pumping-station with wells owned by The City of New York. The character of the water delivered is good, but regulations concerning the pollution of the water-sheds might, with profit, be authorized and enforced, as the underground source of the supply is no guarantee that surface contaminations have been entirely eliminated by the process of filtration.

Two of the private companies above mentioned have contracts for supplying fire-hydrants, draft-hydrants and sewer-flush tanks with water.

As to the quantity of water which can be secured from the island's sources, it would seem to be nearly inexhaustible, and it would further seem that a municipal ownership of the private plants would result in (assuming, of course, that the price paid represented true value) in a substantial annual profit to the City and at the same time a material saving to the residents of this borough, who are supplied by the private companies. This for the following reasons:

First—One of the companies mentioned has wells on low ground, near the Kill Von Kall and is obliged to supply the higher levels in the district covered by its franchises as well as the lower ones. This company, however, does own some of the water-bearing land at greater altitudes which it has only lately developed and to a very small extent.

Another company supplies both high and low levels from water-bearing land at high altitude. These two companies, if amalgamated or if owned by the City, could so arrange their plants as to give much better service at a much smaller cost. In some of the larger districts near St. George it is impossible now to get any water above the first floor.

Second—The people are burdened with exorbitant water rates made necessary to return profit on the invested capital, and also the wasted energy as noted above in the extravagant use of water-bearing land.

This could certainly be abated by the municipal ownership.

Third—The wording of the contracts between the City and the companies cause continual conflict between the authorities and the companies, to the detriment of the public service, which must continue for nearly five years under existing contracts.

Fourth—No appropriation has been made for repairing and renewing fire-hydrants, which are a great benefit to the poor, and there are several now out of use for this season.

A reduction of water rates would stimulate the use of water closets where one fixture is now in use, and thereby facilitate the flushing of sewers.

Others who are not now connected with sewers, because of the expense of a water service, would be induced to put in at least one faucet, and the increased amount of water thus passing through the sewers would render their frequent flushing by the City of less necessity than now.

During the quarter the Department in the borough has been engaged in organizing and in collecting data necessary for the conduct of its affairs.

A Cashier and two Inspectors have been appointed and the services of the Engine-men at the Tottenville plant retained. An official Tapper has been designated, and the collection of water-rates for the ensuing year are now in progress.

The transactions of the Department in detail will be found in the following pages:

Employes of the Department of Water Supply, Borough of Richmond.

Name.	Residence.	Position.	DATE OF APPOINTMENT, REASON OF DISMISSAL.	SALARY.
Henry P. Morrison.....	New Brighton.....	Deputy Commr.-in-Charge.....	Dec. 29, 1895, appointment.....	\$1,000.00
George Simons.....	Tottenville.....	Engineer.....	February 1, 1895, appointment.....	750.00
Frank N. Miller.....	Port Richmond.....	Inspector.....	February 1, 1895, appointment.....	500.00
David C. Butler.....	Tottenville.....	".....	March 4, 1895, appointment.....	500.00
Jaques Morrell.....	New Brighton.....	Cashier.....	March 4, 1895, appointment.....	1,000.00

STATEMENT.	
Permits for tapping water-mains.....	4
Money received—Annual rates.....	\$22.00
Maintenance and operation of Tottenville Plant—Wages of Pumping Engineer.....	\$180.00
Salaries.	
Deputy Commissioner.....	\$116.64
Inspectors.....	183.48
Cashier.....	82.19
Total.....	582.31

TRIAL BALANCE AND STATEMENT AS PER LEDGER—DEPARTMENT OF WATER SUPPLY—BOROUGH OF RICHMOND—FOR THE QUARTER ENDING MARCH 31, 1898.

TITLE OF APPROPRIATION.	SALARIES, INCLUSIVE OF THIRD SALARY OF DEPUTY COMMISSIONER AT \$1,000.	PUMPING STATIONS AT TOTTENVILLE, SALARIES AND SUPPLIES.	CONTIN- GENTIAL.

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CONTRACTS EXECUTED PRIOR TO JANUARY 1, 1898, AND REGISTERED DURING THE WEEK ENDING MAY 16, 1898.

No.	Date of Contract	Department	Name of Contractor	Name of Sub-contractor	Amount in Bills	Description of Work	Cost
1740	May 12, 1898	Public Parks	Barl. Dunn	Samuel Mahon, Andrew J. White	\$70,000.00	Modification of Contract No. 18103 for construction and improvement of the Riverside Park and Drive, between One Hundred and Twenty-ninth and One Hundred and Twenty-ninth streets in The City of New York.	\$129,322.98

CONTRACTS EXECUTED SINCE JANUARY 1, 1898, AND REGISTERED DURING THE WEEK ENDING MAY 16, 1898.

No.	Date of Contract	Department	Borough	Name of Contractor	Name of Sub-contractors	Amount in Bills	Description of Work	Cost
176	May 16, 1898	Police	Brooklyn and Queens	Dunn & Co.	Fidelity and Deposit Company of Maryland, The United States Fidelity and Guaranty Company	\$5,000.00	For supplying the Police Department with 1,762 tons of coal for station-houses, etc., in the Boroughs of Brooklyn and Queens. Total	\$7,270.14
177	May 17, 1898	Public Charities	Brooklyn and Queens	Brooklyn Hygiene Ice Company	John H. O'Rourke, John Gilgan	1,000.00	For furnishing and delivering 400 tons of ice for the year 1898 at institutions, Flatbush Central Office and Morgue, Total	1,000.00
178	May 17, 1898	Fire	Manhattan and The Bronx	Manufacturing Locomotive Works	The United States Fidelity and Deposit Company, Fidelity and Deposit Company of Maryland	1,000.00	For furnishing and delivering two fourth-size steam fire-engines	1,000.00
179	May 17, 1898	Fire	Manhattan and The Bronx	H. Ross Holloway, Inc., as Chem. T. Holloway	Holloway and Deposit Company of Maryland, The United States Fidelity and Guaranty Company	900.00	For furnishing and delivering one Holloway double horizontal tank chemical engine, to be drawn by two horses	1,700.00
180	May 17, 1898	Fire	Manhattan and The Bronx	Gilmore & Bailey Manufacturing Company	P. P. Gilmore, P. F. Albrecht	6,700.00	For furnishing and delivering one 65-foot Dredge hook and ladder truck	6,400.00
181	May 17, 1898	Fire	Manhattan and The Bronx	The United States Fire Hose Manufacturing Company	American Sprinkler Hose Co., W. W. Morris	2,800.00	For furnishing and delivering one thousand (1,000) feet of seamless, patent improved, carbonized, rubber-lined fire-hose, "Maltese Cross" brand	2,850.00
182	May 17, 1898	Fire	Manhattan and The Bronx	Brunks' Fire Hose Company	Henry H. Cogden, Jaspar R. Gallaher	4,800.00	For furnishing and delivering five thousand (5,000) feet of circular-woven, seamless, multiply, rubber-lined, cotton fire-hose, "Eureka fire-hose" brand	5,200.00
183	May 17, 1898	Fire	Manhattan	Adrien Nauert & Sons	American Sprinkler Company of New York, The United States Fidelity and Guaranty Company	14,000.00	For building to be erected for Engine Company No. 33, located on Lots Nos. 42 and 44 on the north side of Great Jones street, 189 feet 3 inches west of the Bowery and 235 feet 4 inches east of Lafayette place, New York City	37,973.00
184	May 18, 1898	Fire	The Bronx	Robert McArracy	William Neil, William C. Clegg	5,000.00	For raising and altering the building of the Fire Department No. 2304 Webster avenue, New York City, to be used as quarters of Engine Company No. 48, according to the plans, specification and directions of the Building Superintendent	14,850.00
185	May 18, 1898	Fire	Manhattan and The Bronx	The Columbia Rubber Works Company	Fidelity and Deposit Company of Maryland, The United States Fidelity and Guaranty Company	3,000.00	For furnishing and delivering three thousand (3,000) feet of seamless rubber-lined fire-hose, "White Anchor" brand of rubber fire-hose	3,050.00
186	May 18, 1898	Works	Brooklyn and Queens	Henry McGilane Manufacturing Company	American Sprinkler Company of New York, The United States Fidelity and Guaranty Company	750.00	For furnishing and delivering plumbers' supplies	750.00
187	May 18, 1898	Fire	Manhattan and The Bronx	E. Howard Brown and James J. Butler, managing the firm of Brown & Butler	The United States Fidelity and Guaranty Company, Fidelity and Deposit Company of Maryland	200.00	For furnishing and delivering five hundred (500) feet of cotton rubber-lined fire-hose, "Bay State Jacket" brand	400.00
188	May 18, 1898	Fire	Manhattan and The Bronx	E. Howard Brown and James J. Butler, managing the firm of Brown & Butler	The United States Fidelity and Guaranty Company, Fidelity and Deposit Company of Maryland	100.00	For furnishing and delivering one thousand (1,000) feet of seamless fabric insertion, "Maximum" brand	1,000.00
189	May 18, 1898	Fire	Manhattan and The Bronx	E. Howard Brown and James J. Butler, managing the firm of Brown & Butler	The United States Fidelity and Guaranty Company, Fidelity and Deposit Company of Maryland	4,000.00	For furnishing and delivering twelve thousand (12,000) feet of circular-woven, seamless, double jacket, cotton, rubber-lined fire-hose, "Maximum" brand	6,000.00
190	May 18, 1898	Corrections	Bronx	John J. O'Rourke	J. A. Morris, John C. McCarthy	1,000.00	For furnishing and delivering groceries for the Kings County Penitentiary, viz.: 5,000 pounds extra creamy butter, 150 gallons syrup, 10 pounds ground allspice, 150 pounds No. 3 barley, 20 pounds baking powder, 250 pounds macaroni, 100 pounds prunes, 40 pounds corn starch, 400 pounds laundry starch, 25 pounds indigo, 100 dozen canned pears, 100 dozen canned peaches, 10 dozen Chambord, 3 dozen boxes gelatin, 7,000 pounds currant jelly, 2 dozen best olive oil, 100 dozen paper thyme, 1,000 pounds rice, 2 box salt brick, 10 pounds ground cinnamon, 10 pounds cloves, 10 pounds ground ginger, 4,000 pounds plug raisins, 10 boxes peaches	2,400.00
191	May 18, 1898	Water Supply	Manhattan and The Bronx	Fox & Boggs, John Ryan Jr., and Charles E. Boggs	John Fox, Harry L. Gifford	5,000.00	For furnishing and delivering 1,350 barrels of flour for the Kings County Penitentiary	6,000.00
192	May 19, 1898	Water Supply	Manhattan and The Bronx	Wiseau, Fossell and Marshall Company	Fidelity and Deposit Company of Maryland, The American Banking and Trust Company of Baltimore	1,000.00	For furnishing cast-iron water pipes, branch pipes and special castings for the Department of Water Supply	3,420.00
193	May 19, 1898	Public Buildings, Lighting and Supplies	Brooklyn	Thomas Williams	Fidelity and Deposit Company of Maryland, The United States Fidelity and Guaranty Company	6,000.00	For repairing the free floating baths in the Borough of Brooklyn	3,000.00
194	May 19, 1898	Parks	Brooklyn and Queens	Philip J. Lanister	Francis Langford, John King	500.00	For furnishing and delivering blacksmithing materials	750.00
195	May 19, 1898	Fire	Manhattan and The Bronx	Minersville Rubber Company	The United States Fidelity and Guaranty Company, Fidelity and Deposit Company of Maryland	200.00	For furnishing and delivering five hundred (500) feet of carbonized rubber "Anchor" brand fire-hose	300.00
196	May 19, 1898	Fire	Manhattan and The Bronx	New York Baking and Packing Company	The United States Fidelity and Guaranty Company, Fidelity and Deposit Company of Maryland	2,700.00	For furnishing and delivering five thousand (5,000) feet of carbonized rubber "Test" brand fire-hose	5,150.00
197	May 19, 1898	Corrections	Bronx	W. M. Evans	William A. Wright, E. E. Wheeler	500.00	For furnishing and delivering fresh and condensed cow's milk to the Kings County Penitentiary, Borough of Brooklyn, during the year 1898	1,400.00

Opening of Proposals.

The Comptroller, by representative, attended the opening of bids at the following Departments, namely:

1898.
May 23. Furnishing hospital supplies and repairs, Department of Charities.
May 23. Furnishing drygoods, Department of Charities.
May 24. Alterations, repairs, etc., to Public Schools Nos. 17, 19, 20, etc.
May 27. Dredging in North river, north of Thirty-fourth street.
May 27. Furnishing shields to Police Department.

Approval of Sureties.

The Comptroller approved of the adequacy and sufficiency of the sureties on the following proposals, namely:

1898.	May 25. Limestone screenings for Department of Parks.
	Calvin Tomkins, No. 329 West Eighty-seventh street, Principal.
	Nicholas Ryan, No. 275 Carroll street, Brooklyn, Sureties.
	Richard Fitzpatrick, No. 324 West Twentieth street, Sureties.
	May 25. Coal for Department of Water Supply.
	Thomas F. Tone, Twelfth avenue and One Hundred and Thirty-third street, Principal.
	John J. Hopper, No. 215 West One Hundred and Twenty-fifth street, Sureties.
	James Rogers, foot West One Hundred and Thirty-second street, Sureties.
	May 27. Meats for Department of Correction.
	Armour & Co., Principal.
	May 26. Gravel for Department of Parks.
	Harris & Maguire, No. 125 St. Mark's avenue, Brooklyn, Principal.
	The Fidelity and Deposit Company, No. 35 Wall street, Sureties.
	United States Fidelity and Guaranty Company, No. 140 Broadway, Sureties.
	Official Designation.
	May 25. Michael T. Daly, Deputy Comptroller, to act as Comptroller from Wednesday, May 25, to Wednesday, June 8, 1898, both days inclusive.
	M. T. DALY, Deputy Comptroller.

May 23. Dredging for Department of Docks and Ferries.
Morris & Cummings Dredging Company, No. 22 State street, Principal.
James D. Leahy, No. 43 East Twenty-sixth street, Sureties.
Daniel J. Leahy, No. 109 East Twenty-fifth street, Sureties.
May 25. Repairing baths, etc., for Department of Public Buildings, Lighting and Supplies.
Thomas Williams, No. 105 Hayt street, Brooklyn, Principal.
Fidelity and Deposit Company of Maryland, No. 35 Wall street, Sureties.
United States Fidelity and Guaranty Company, No. 140 Broadway, Sureties.

DEPARTMENT OF SEWERS.

DEPARTMENT OF SEWERS—COMMISSIONER'S OFFICE,
CITY OF NEW YORK, October 17, 1898.

Supervisor of the City Record:

DEAR SIR.—In accordance with section 1546, chapter 378, Laws of 1897, I herewith transmit, for publication in the CITY RECORD, a statement of the transactions of the Department of Sewers for the week ending October 8, 1898.

JAS. KANE, Commissioner of Sewers.

	NUMBER OF	AMOUNT	AMOUNTS	
			Appropriation	Funds
<i>Moneys Received.</i>				
For sewer permits.....	.....	\$1,398 13	.....	.....
Number of permits issued	165	.....	.....	.....
For new sewer connections.....	122	.....	.....	.....
For old sewer connections (repairs).....	48	.....	.....	.....
For other purposes.....	5	.....	.....	.....
Requisitions drawn on Comptroller.....	18	\$12,000 95	\$8,099 93	\$23,951 03
Linear feet of sewer built.....	4,550	.....	.....	.....
Number of basins built.....	4	.....	.....	.....
Linear feet of sewer cleaned.....	11,992	.....	.....	.....
Number of basins cleaned.....	384	.....	.....	.....
Linear feet of sewer examined.....	39,688	.....	.....	.....
Number of basins examined.....	582	.....	.....	.....
Number of basins repaired.....	6	.....	.....	.....
Linear feet of culverts built.....	22	.....	.....	.....
Number of basin heads set.....	4	.....	.....	.....
Number of basin heads reset.....	4	.....	.....	.....
Number of manhole heads and covers set.....	4	.....	.....	.....
Number of manhole heads and cover reset.....	33	.....	.....	.....
Square yards of pavement relaid.....	41	.....	.....	.....
Number of catchways built.....	3	.....	.....	.....
Number of basin covers put on.....	4	.....	.....	.....
Linear feet of culverts, drains and discharge pipes and cleaned.....	2,570	.....	.....	.....
Number of basins relieved.....	6	.....	.....	.....
Number of manholes built.....	14	.....	.....	.....
Number of manhole covers put on.....	9	.....	.....	.....
Linear feet of pipe drain laid.....	46	.....	.....	.....
Cubic feet of brickwork built.....	100	.....	.....	.....
Square feet of flagging relaid.....	5	.....	.....	.....
Linear feet of sewer relieved.....	690	.....	.....	.....
Linear feet of pipe sewer relieved.....	3,070	.....	.....	.....

Laboring Force Employed during the Week.

Plumbers and Ammenities	Inspectors of Gasoline	Inspectors of Sewers and Connections	Foremen	Ass'to Foremen	Teamsters	Mechanics	Laborers	Hired and Carts
Sewer repairing and cleaning.....	3	7	27	42	22	8	200	47
Boring examinations.....	1	1	1	1	1	1	1	1

APPOINTMENTS.

Borough of The Bronx.

Borough of Brooklyn.

Horses and Carts, 2; Cement Laborers, 8; Toolmen, 6; Sounders, 2; Stableman, 1; Groundman, 1.

REMOVALS.

Borough of Manhattan.

Bricklayer, 1.

DIED.

Borough of The Bronx.

1 Laborer.

APPROVED PAPERS.

Approved Papers for the Week ending October 15, 1898.

No. 461.

Resolved, That permission be and the same is hereby given to J. W. Foote to place and keep storm-doors in front of his premises on the southwest corner of Myrtle avenue and Adams street, Borough of Brooklyn, provided said storm-doors shall not exceed the dimensions prescribed by law, the work to be done at his own expense, under the direction of the Commissioner of Highways; such permission to continue only during the pleasure of the Municipal Assembly.

Adopted by the Board of Aldermen, October 4, 1898.

Adopted by the Council, October 4, 1898.

Approved by the Mayor, October 8, 1898.

No. 462.

Resolved, That the following-named persons be and they hereby are appointed Commissioners of Deeds in and for The City of New York:

David Joyce, No. 100 Broadway, Manhattan.

Louis L. B. Barenkamp, No. 145 Norfolk street, Manhattan.

James F. L. Stuck.

John P. Bissenger, No. 24 East One Hundred and Third street, Manhattan.

William J. Carroll, No. 333 East Fifty-first street, Manhattan.

George Hahn, No. 160 East Ninety-fifth street, Manhattan.

Francis Murnagh, No. 64 Middleton street, Brooklyn.

Edward Grossman, No. 49 Chambers street, Manhattan.

William Grossman, foot East Fifty-seventh street, Manhattan.

Edward Grossman, No. 442 East Eighty-sixth street, Manhattan.

Isidor Koplik.

Reginald Sidney Durrant, No. 57 Centre street, Manhattan.

Frederick M. Livingston, Reid and Greene avenues, Brooklyn.

Siegmund Rothschild, No. 229 East Fifth street, Manhattan.

Fred Samuels, No. 45 Sixth avenue, Manhattan.

Max Hollander, No. 12 Buffalo street, Manhattan.

Harry Schacht, No. 423 East Fourteenth street, Manhattan.

Albert C. Lorey, No. 29 First street, Manhattan.

Louis L. B. Barenkamp, No. 145 Norfolk street, Manhattan.

Henry A. Raymond, Workhouse, Blackwell's Island.

John J. McCanna, No. 478 Clarkson street, Brooklyn.

A. Doeck, No. 317 Fulton street, Brooklyn.

William E. McFadden, No. 139 West Sixty-first street, Manhattan.

William A. Bergamini, No. 101 East One Hundred and Fifth street, Manhattan.

Edgar J. Kohler, No. 115 East Seventy-first street, Manhattan.

George H. Young, No. 240 Hull street, Brooklyn.

William Philipp, Lawrence street and Broadway, Manhattan.

Adopted by the Board of Aldermen, October 11, 1898.

No. 463.

Resolved, That the names of the following persons, recently appointed Commissioners of Deeds, be corrected so as to read as follows:

Leon Malraison to read Leon Malraison.

J. K. Trenchard to read T. K. Trenchard.

Adopted by the Board of Aldermen, October 11, 1898.

No. 464.

Resolved, That the ordinance relating to the discharge of fireworks in The City of New York be and the same is hereby suspended so far as to permit displays of fireworks by the Wymondham Club in the Twenty-fourth Assembly District, Manhattan, from the date of the approval of this resolution by his Honor the Mayor, until November 10, 1898.

Adopted by the Council, October 11, 1898.

Adopted by the Board of Aldermen October 11, 1898.

Approved by the Mayor, October 13, 1898.

P. J. SCULLY, City Clerk.

BOARDS OF LOCAL IMPROVEMENTS.

NINETEENTH DISTRICT, BOROUGH OF MANHATTAN.

Meeting Held in the Borough Office, City Hall, on September 15, 1898, at 12 M.

The roll was called and the following members answered in their names:

Augustus W. Peters (President) in the chair, Councilman Wise and Alderman Woodward.

The minutes of the previous meeting were read and approved.

The President submitted a communication from Mr. H. T. Andrews, asking for the naming of the corners at One Hundred and Twentieth street and Fifth avenue.

Alderman Woodward offered the following resolution:

Resolved, That the Board of Local Improvements of the Nineteenth District of the Borough of Manhattan recommend to the Board of Public Improvements that the curb and sidewalk at the southeast and southwest corners of One Hundred and Twentieth street and Fifth avenue be rounded.

Adopted.

On motion, the meeting adjourned.

I. E. RIDER, Secretary.

DEPARTMENT OF PARKS.

DEPARTMENT OF PARKS,
CITY OF NEW YORK,
THE ARSENAL, CENTRAL PARK,

October 14, 1898.

Supervisor of the City Record:

SIR.—The Park Commissioner for the Boroughs of Manhattan and Richmond has taken the following action in connection with employees of the Department:

OCTOBER 13.

Resignation Accepted.

Wm. J. Cotter, Laborer.

OCTOBER 14.

Appointed.

Wm. J. Bell, No. 400 East One Hundred and Twenty-fifth street, Sounder.

Richard McInerney, No. 2412 First avenue, Laborer.

Thomas Kelly, No. 345 East One Hundred Twenty-first street, Sounder.

Patrick Shanahan, No. 301 East One Hundred and Twentieth street, Sounder.

Jacob Eschwege, No. 2239 Third avenue, Sounder.

Chas. M. Daniel, No. 406 East One Hundred and Twenty-second street, Sounder.

E. P. Brown, No. 117 East One Hundred and Twenty-sixth street, Sounder.

Owen Smith, No. 243 Madison street, Cement Worker.

Ferdinando Oliviere, No. 423 East One Hundred and Fourteenth street, with team.

Restored to Duty.

George Brickner, Fireman, No. 67 Columbus avenue, absent since August last on account of sickness.

Pay Fixed.

John F. Minz, Laborer, at \$2 per day.

TO TAKE EFFECT OCTOBER 15.

Discharged.

John Monahan, with team.

Henry Wingrove, Inspector.

Respectfully,

WILLIS HOLLY,

Secretary, Park Board.

THE CITY OF NEW YORK,

DEPARTMENT OF PARKS,

OFFICE OF COMMISSIONER FOR THE

BOROUGH OF THE BRONX,

ZBROWSKI MANSION, CLAREMONT PARK,

October 14, 1898.

Supervisor of the City Record:

DEAR SIR.—Pursuant to section 1546, chapter 378, Laws of 1897, I hereby notify you, for publication in the CITY RECORD, that, by order of the Commissioner for the Borough of The Bronx, the resignation of Hugh P. O'Rourke, Carpenter, has this day been accepted.

Respectfully yours,

MAX K. KAHN,

Private Secretary.

MUNICIPAL ASSEMBLY.

OFFICE OF THE BOARD OF ALDERMEN,
NEW YORK, October 15, 1898.

The Committee on Railroads of the Board of Aldermen will hold public hearings at the City Hall as follows:

"An ordinance to promote the safety of pedestrians, by compelling the equipment of street surface railroad cars with automatic fenders," Friday, October 21, 1898, at 1 p.m.

On a resolution permitting the Atlantic Terra Cotta Company to lay asphalt or spot across Broadway, between Fisher avenue and Church street, Tottenville, Borough of Richmond, Friday, October 21, 1898, at 1 p.m.

The Joint Committee of Railroads and Streets and Highways of the Board of Aldermen will hold a public hearing at the City Hall on the petition of property-owners and residents of DeKalb avenue, Borough of Brooklyn, calling attention to the condition of the trolley system of said avenue, particularly between Cumberland and Raymond streets, Friday, October 21, 1898, at 2.30 p.m.

OFFICE OF THE BOARD OF ALDERMEN,
NO. 8 CITY HALL,

NEW YORK, October 10, 1898.

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MUNICIPAL ASSEMBLY.

The Council
BANNSHAW, Commissioner, President of the Council.
E. J. SCHULZ, City Clerk.
Clerk's office open from 8 A.M. to 4 P.M., Saturdays
10 A.M. to 12 M.

BOARD OF ALLEGRIES.

THOMAS F. WOODS, President.
MICHAEL F. BLAKE, Clerk.

BOROUGH PRESIDENTS.

Borough of Manhattan.
Office of the President of the Borough of Manhattan,
No. 101 Broadway, City Hall, 9 A.M. to 4 P.M., Sat-
urdays, 10 A.M. to 12 M.

CHARLES W. PARKER, President.

EDWARD RILEY, Secretary.

Borough of The Bronx.

Office of the President of the Borough of The Bronx,
corner Third Avenue and One Hundred and Seventy-
seventh street, 9 A.M. to 4 P.M., Saturdays, 10 A.M. to
12 M.

LUCILLE F. HARRIS, President.

Borough of Brooklyn.

President's Office, No. 101 Borough Hall, 9 A.M. to 4 P.M., Sat-
urdays, 10 A.M. to 12 M.

EDWARD M. GARNETT, President.

Borough of Queens.

FREDERIC BOEKER, President.
Office, Long Island City, 9 A.M. to 12 M., Sat-
urdays, from 10 A.M. to 12 M.

Borough of Richmond.

JOHN C. CONNELL, President.
Office of the President, 1001 New York Building,
New Brighton, 9 A.M. to 4 P.M., Saturdays, 10 A.M. to
12 M.

PUBLIC ADMINISTRATOR.

No. 202 Nassau street, 9 A.M. to 4 P.M.

WILLIAM M. HORN, Public Administrator.

BOARD OF PUBLIC IMPROVEMENTS.

No. 101 Broadway, 9 A.M. to 4 P.M., Saturdays,
10 A.M. to 12 M.

MATTHEW J. HOWARD, President.

JAMES H. MORSE, Secretary.

Department of Highways.

N. 101 Nassau street, 9 A.M. to 4 P.M.
JAMES P. KEELEY, Commissioner of Highways.
WILLIAM N. SCHAFFER, Deputy for Manhattan.
THOMAS K. FARRELL, Deputy for Brooklyn.
JAMES H. MALONEY, Deputy for Bronx.
JAMES P. MARSH, Deputy for Queens.
HENRY P. MURKIN, Deputy and Chief Engineer for
Richmond, Office, Richmond Building, corner Rich-
mond Terrace and York Avenue, New Brighton, S. I.

Department of Sewers.

No. 202 and 204 Broadway, 9 A.M. to 4 P.M.
JAMES KATE, Commissioner of Sewers.
MATTHEW F. DODDING, Deputy for Manhattan.
THOMAS J. HEALEY, Deputy for Bronx.
WILLIAM BRONSON, Deputy for Brooklyn.
MATTHEW J. O'NEILL, Deputy Commissioner of
Sewers, Borough of Queens.

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

Department of Bridges.

No. 101 Stewart Building, Chambers street and
Broadway, 9 A.M. to 4 P.M., Saturdays, 10 A.M. to 12 M.
JOHN H. VINE, Deputy.

SAMUEL H. FISHER, Chief Engineer.

MATTHEW H. MORSE, Deputy for Bronx.

HENRY HORN, Deputy for Brooklyn.

JAMES F. DODDING, Deputy for Queens.

Department of Water Supply.

No. 101 Nassau street, 9 A.M. to 4 P.M.
WILLIAM CALLOW, Commissioner of Water Supply.
JAMES H. HALL, Deputy Commissioner.
GEORGE W. BREWER, Chief Engineer.
W. G. BYRNE, Water Inspector.

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

JAMES FITCH, Deputy Commissioner, Borough of
Queens, Old City Hall, Long Island City.
THOMAS J. MCGINNIS, Deputy Commissioner,
Borough of Bronx, County Park Building.

HENRY P. MURKIN, Deputy Commissioner, Borough
of Richmond, 1001 New York Building, corner
Richmond Terrace and York Avenue, New Brighton, S. I.

Department of Sewer Cleaning.

JAMES MCGRATH, Commissioner, No. 101 Broad-
way, Manhattan.
F. M. GRIFFIN, Deputy Commissioner for Borough of
Manhattan, No. 101 Broadway.

PATRICK H. QUIGLEY, Deputy Commissioner for
Borough of Brooklyn, Municipal Building.

JOSEPH LINDNER, Deputy Commissioner for Borough
of The Bronx, No. 615 East One Hundred and Fifty
second street.

JAMES P. MARSH, Deputy Commissioner for Borough of
Queens, Municipal Building, Long Island City.

Department of Buildings, Lighting, and Supplies.
No. 101 Broadway, Room 100, 9 A.M. to 4 P.M.

HENRY S. KESTER, Commissioner of Public Build-
ings, Lighting and Supplies.

PETER J. DODDING, Deputy Commissioner for Man-
hattan.

WILLIAM WALTON, Deputy Commissioner for Bronx
Isle.

HENRY S. KESTER, Deputy Commissioner for Queens.

EDWARD J. MILLER, Deputy Commissioner for Rich-
mond.

DEPARTMENT OF FINANCE.

Clerk's Office:
Stewart Building, Chambers street and Broadway, 9
A.M. to 4 P.M.

FRANCIS S. COLE, Comptroller.

MICHAEL T. DALY, Deputy Comptroller.

EDWARD GRAY, Collector of Assessments and
Asses.

DAVID O'BRIEN, Collector of City Revenue and
Superintendent of Markets, Borough of Manhattan.

DAVID E. AYERS, Receiver of Taxes.

JAMES J. McDONALD, Deputy Receiver of Taxes,
Borough of Manhattan.

LEONARD B. BOECK, Deputy Receiver of Taxes, Borough
of Brooklyn.

JOHN F. COURTOIS, First Auditor of Accounts,
Borough of Manhattan.

WILLIAM McKNIGHT, First Auditor of Accounts,
Borough of Brooklyn.

MICHAEL O'KEEFE, Deputy Collector of Assess-
ments and Arrears, Borough of Brooklyn.

WALTER H. HOLT, Auditor, Borough of Richmond.

JOHN J. FEARNSIDE, Deputy Receiver of Taxes,
Borough of Richmond.

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

EDWARD J. COFFEL, Auditor, Borough of The Bronx.

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

FRANCIS R. CLARK, Auditor, Borough of Queens.

Secretary of the City Chamberlain.

No. 202 and 204 Stewart Building, Chambers street and
Broadway, 9 A.M. to 4 P.M.

PATRICK KEEES, City Chamberlain.

Office of the City Paymaster.

No. 202 Nassau street, Stewart Building, 9 A.M. to 4 P.M.

JOHN H. THOMPSON, City Paymaster.

LAW DEPARTMENT.

Clerk's Office, Chambers street.

Stuart Building, 9 A.M. to 4 P.M., Saturdays, 10 A.M. to
12 M., Sundays, 10 A.M. to 12 M.

JOHN WHALEY, Corporation Counsel.

THOMAS CUSHNEY, W. W. LANE, JR., CHAS. B.
BLANTON, Assistants.

ALBERT F. JESKE, Assistant Corporation Counsel for
Bronx.

Replies to the Collection of Taxes of Queens. James
Stewart Building, Broadway and Chambers street, 9
A.M. to 4 P.M.

Reply for the Recovery of Taxes. Arthur F. JESKE
and Francis J. COOK, 1001 Broadway.

ARTHUR T. KIRKMAN, Assistant Corporation Counsel.

Recovery of Money Owed. No. 202 Nassau street.

JOHN F. DURE, Assistant to Corporation Counsel.

Police Department. Clerks' Office.

No. 202 Mulberry street, 9 A.M. to 4 P.M.

ROBERT J. YORK, President of the Board; JOHN
E. STANNON, Jacob H. HORN, Henry E. ALLEN, Com-
missioners.

DEPARTMENT OF PUBLIC CHARITIES.

Clerk's Office.

First or East Tremont Avenue, 9 A.M. to 4 P.M.
JOHN W. NAPOLI, President of the Board; COMMISSIONERS
for Manhattan and Bronx.

FRANKLIN S. HARRIS, Deputy Commissioner.

ARTHUR S. SULLIVAN, Commissioner for Bronx and
Queens.

ARTHUR A. QUINN, Deputy Commissioner.

JAMES MURRAY, Commissioner for Brooklyn.

FRANCIS J. KELLY, Commissioner for Bronx, Brooklyn,
Queens and Richmond.

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Queens and Richmond.

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. 120 East One Hundred and Twenty-first street, northeast corner of Sylvan place. Court opens every morning at 9 o'clock except Sundays and legal holidays, and continues open to close of business.

JOSSEPH P. FALLON, Justice. WILLIAM J. KENNEDY, Clerk.

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

Tenth District—Twenty-second Ward, and all that portion of the Twelfth Ward which is bounded on the north by the centre line of One Hundred and Tenth street, on the south by the centre line of Eighty-sixth street, on the east by the centre line of Sixth avenue, and on the west by the North river. Court-room, No. 218 West Fifty-fourth street. Court opens daily Sundays and legal holidays excepted from 9 A.M. to 1 P.M.

JAMES A. O'GORMAN, Justice. JAMES J. GALLAGHER, Clerk.

Eleventh District—That portion of the Twelfth Ward which lies north of the centre line of West One Hundred and Tenth street and west of the centre line of Lenox or Sixth avenue, and of the Harlem river north of the terminus of Lenox or Sixth avenue. Court-room, corner of One Hundred and Twenty-first street and Columbus avenue. Court opens daily Sundays and legal holidays excepted from 9 A.M. to 1 P.M.

FRANCIS J. WOCESTER, Justice. ARTHUR N. DROMM, Clerk.

Borough of The Bronx.

First District—All that part of the Twenty-fourth Ward which was lately annexed to the City and County of New York by chapter 105 of the Law 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 daily Sundays and legal holidays excepted from 9 A.M. to 1 P.M.

WILLIAM W. FREDERICK, Justice. JOHN N. STEWART, Clerk.

Second District—Twenty-third and Twenty-fourth Wards. Court-room, corner of Third avenue and One-Hundred and Fifty-eighth street. Office hours from 9 A.M. to 4 P.M. Court open at 9 A.M.

JONES M. FREEMAN, Justice.

Borough of Brooklyn.

First District—Comprising First, Second, Third, Fourth, Fifth, Sixth, Seventh and Twelfth Wards of the Borough of Brooklyn.

JACOB NIC, Justice. EDMUND MORSE, Clerk. Clerk's office open from 9 A.M. to 4 P.M.

Second District—Seventh, Eighth, Ninth, Eleventh, Twentieth, Twenty-first, Twenty-second and Twenty-third Wards. Court-room located at No. 72 Broadway, Brooklyn.

GEORGE H. 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, No. 340 Lenox Avenue, Brooklyn.

WILLIAM SCHNEIDER, Justice. CHARLES A. CONNELL, Clerk.

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

Fourth District—Twenty-fourth, Twenty-fifth, Twenty-sixth, Twenty-seventh and Twenty-eighth Wards. Court-room, No. 120 Broadway.

ALFRED H. GOETZINGER, Justice. HENRY THOMPSON, Clerk. JAMES P. SAWYER, Assistant Clerk.

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

Fifth District—Twenty-ninth, Thirtieth, Thirtysixth and Thirtysixth Wards. Court-room on Park Avenue and Bay Twenty-second Street, Park Plaza.

CHARLES FURNESS, Justice. JEROME J. O'BRIEN, 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, Queens County Court-house, located separately.

THOMAS C. KAHLER, Justice. THOMAS F. KAHN, Clerk.

Clerk's office open from 9 A.M. to 4 P.M. Court held each day, except Saturday, from 9 A.M. to 1 P.M.

Second District—Second and Third Wards, which includes the territory of the late Towns of Neversink and Flushing. Court-room in Chargehouse of late No. 10 of Neversink, corner of Broadway and Court street, Elmhurst, New York. P.O. address, Elmhurst, New York.

WILLIAM T. MONTEFUSCO, Justice. HENRY WALTON, Jr., Clerk.

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

Third District—James F. McLOUGHLIN.

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. KAVANAGH, Justice. FRANCIS P. LUSTIG, Clerk. Court office open from 9 A.M. to 4 P.M. Court held each day, except Saturday, from 9 A.M. to 1 P.M.

Second District—Second, Fourth and Fifth Wards (Towns of Middlefield, Southfield and Westfield). Court-room, former Edgewater Village Hall, Stapleton Park, Stapleton.

ALBERT KEELEY, Justice. PERCY TIERNEY, Clerk.

Court office open from 9 A.M. to 4 P.M. Court held each day from 9 A.M. to 1 P.M. and continues until close of business.

OFFICIAL PAPERS.

MORNING—"MORNING JOURNAL," "TELEGRAPH." Evening—"Daily News," "Evening Sun." Weekly—"Weekly Union," "Irish American." German—"Morgen Journal."

WILLIAM A. BUTLER, Supervisor, City Record. JANUARY 10, 1898.

DEPARTMENT OF SEWERS.

DEPARTMENT OF SEWERS—COMMISSIONER'S OFFICE, NO. 265 AND 267 BROADWAY. October 1, 1898.

TO CONTRACTORS.

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

WEDNESDAY, OCTOBER 19, 1898, at 10 o'clock A.M., when they will be publicly opened and read.

CONSTRUCTING A TEMPORARY PRIVATE SEWER IN EIGHTEENTH AVENUE, BETWEEN FIFTY-SEVENTH AND SEVENTY-FIFTH STREETS, for the drainage of the Disciplinary Training School.

Each bid or estimate shall contain and state the name and place of residence of each of the persons making the same, the names of all persons interested with him therein, and if no other person be interested it shall distinctly state that fact; that it is made without any connection with any other person making an estimate for the same purpose, and is in all respects fair and without collusion or fraud, and that no measures of any kind are taken to interfere with the work or to affect the price of the same; that he is a householder or freholder in The City of New York, and is worth the amount of the security required for the completion of this contract and herein stated, over and above all his debts of every nature, and over and above his liabilities as bail, surety and otherwise; and that he has offered himself as a surety in good faith, with the intention to execute the bond required by law. The adequacy and sufficiency of the security offered will be subject to approval by the Comptroller of The City of New York after the award is made and prior to the signing of the contract.

Should the person or persons to whom the contract may be awarded neglect or refuse to accept the contract within five days after written notice that the same has been awarded to his or their bid or proposal, and that the adequacy and sufficiency of the security offered has been approved by the Comptroller, or if he or they accept but do not execute the contract and give the

affidavit of the Corporation, is directly or indirectly interested therein, or in the supplies or in the work to which it relates or in any portion of the profits thereof.

Each estimate must be signed by the oath, in writing, of the party making the same, that the several matters therein stated are true, and must be accompanied by the consent in writing, of two householders or freeholders in The City of New York, to the effect that if the contract is awarded to the person making the estimate, they will, upon its being so awarded, become bound as his sureties for its faithful performance, and that it shall release or neglect to execute the same will pay to the Corporation any difference between the sum in which he would be entitled upon its completion and the amount of the security required for the faithful performance of the contract. Such check or money must not be included in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same, within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and be retained by The City of New York as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

The amount last above mentioned must be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freholder in The City of New York, and is worth the amount of the security required for the completion of the contract and that which the Corporation may be obliged to pay to the person to whom the contract shall be awarded at any subsequent letting; the amount to be calculated upon the estimated amount of the work by which the bids are tested.

The amount last above mentioned must be accompanied by either a certified check upon one of the State or National banks of The City of New York, drawn to the order of the Comptroller, or money to the amount of *one per centum* of the amount of the security required for the faithful performance of the contract. Such check or money must not be included in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct.

Blank forms for estimates may be obtained by application to the undersigned at his office in the Central Department, or at the office of the Superintendent of Estimates.

By order of the Board.

WILLIAM H. KIPP, Chief Clerk,
New York, October 8, 1898.

POLICE DEPARTMENT—CITY OF NEW YORK, 1898.

OWNERS WANTED BY THE PROPERTY CLERK of the Police Department of The City of New York, No. 26 Mulberry street, Room No. 9, for the following property, now in his custody, without claimants: Books, rope, iron, lead, male and female clothing, boots, shoes, wine, blankets, diamonds, canned goods, liquors, etc.; also small amount money taken from prisoners and found by Patrolmen of this Department.

JOHN F. HARRINGTON, Property Clerk.

POLICE DEPARTMENT—CITY OF NEW YORK, BOROUGH OF BROOKLYN.

OWNERS WANTED BY THE DEPUTY PROPERTY CLERK of the Police Department of The City of New York—Office, Municipal Building, Borough of Brooklyn—for the following property now in his custody without claimants: Books, rope, iron, lead, male and female clothing, boots, shoes, wine, blankets, diamonds, canned goods, liquors, etc.; also small amount money taken from prisoners and found by Patrolmen of this Department.

CHARLES D. BLATCHFORD, Deputy Property Clerk.

DEPARTMENT OF HEALTH.

DEPARTMENT OF HEALTH,
CRIMINAL COURT BUILDING,
Center, White, Elm and Franklin Streets,
October 1, 1898.

TO CONTRACTORS.

SEALED BIDS OR ESTIMATES FOR SUPPLYING THE POLICE DEPARTMENT WITH EQUIPMENT will be received at the Central Office of the Department of Police, in The City of New York, until 10 o'clock A.M. of **FRIDAY, THE 21ST DAY OF OCTOBER, 1898.**

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

The Board of Health reserves the right to reject all bids or estimates, as provided in section 420, chapter 28, Laws of 1897, if deemed to be for the public interest. No bid or estimate will be accepted from, or contract awarded to, any person who is in arrears to the Corporation upon debt or contract, or who is a defaulter, or surety or otherwise, upon any obligation to the Corporation.

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

The entire quantity of books are to be completed on or before November 1, 1898, and are to be delivered in such quantities and at such places within The City of New York as may be required by the Superintendent of Education.

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

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

Each bid or estimate shall be accompanied by the consent in writing, of two householders or freeholders in The City of New York, with their respective places of business or residence, to the effect that if the contract is awarded to the person making the estimate, they will, upon its being so awarded, become bound as his sureties for its faithful performance; and that if he shall omit or refuse to execute the same, they will pay to the Corporation any difference between the sum to be calculated upon the estimated amount of the work by which the bids are tested.

The amount last above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freholder in The City of New York, and is worth the amount of the security required for the completion of the contract and herein stated, over and above all his debts of every nature, and over and above his liabilities as bail, surety and otherwise; and that he has offered himself as a surety in good faith, with the intention to execute the bond required by law. The adequacy and sufficiency of the security offered will be subject to approval by the Comptroller of The City of New York after the award is made and prior to the signing of the contract.

Should the person or persons to whom the contract may be awarded neglect or refuse to accept the contract within five days after written notice that the same has been awarded to his or their bid or proposal, and that the adequacy and sufficiency of the security offered has been approved by the Comptroller, or if he or they accept but do not execute the contract and give the

affidavit of the Corporation, he or it is considered as having abandoned it and as in default to the Corporation, and the contract will be readvertised and let, as provided by law.

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

The amount last above mentioned must be accompanied by either a certified check upon one of the State or National banks of The City of New York, drawn to the order of the Comptroller, or money to the amount of *one per centum* of the amount of the security required for the faithful performance of the contract. Such check or money must not be included in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct.

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the contract will be conducted and rules as provided by law.

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

The *terms of the contract, including specifications, and showing the names of persons, can be obtained at the office of the Department of Public Charities, Bureau of Brokers and Owners, or the office of the Mayor, Brooklyn, and Holders are cautioned to examine such and all of the provisions carefully, as the Board of Public Charities will not accept absolute responsibility in every particular.*

JOHN W. KELLER, President
ADOLPH SIMES, Jr., Commissioner
JAMES FELNY, Commissioner
Department of Public Charities.

BOARD OF ESTIMATE AND APPORTIONMENT.

BOARD OF ESTIMATE AND APPORTIONMENT, NEW YORK, September 26, 1898.

NOTICE TO TAXPAYERS.

A T A M EETING OF THE BOARD OF ESTIMATE AND APPORTIONMENT, held this day, the following resolution was adopted:

Resolved, That this Board does hereby designate Tuesday, the 17th day of October, 1898, at eleven o'clock in the forenoon, at the office of the Mayor, as the time and place for the commencement of the consideration of the Budget for 1899, and that notice thereof, duly signed by the Secretary, be published in the City Record, inviting the taxpayers of this city to appear and be heard on that date in regard to appropriations to be made and included in said budget.

CHAS. V. ADDEE, Clerk.

DEPARTMENT OF STREET CLEANING.

SALE OF PROPERTY OF THE DEPARTMENT OF STREET CLEANING.

PUBLIC NOTICE.

NOTICE IS HEREBY GIVEN THAT THE following described articles of property of the Department of Street Cleaning will be sold, pursuant to section 50 of the Greater New York Charter, at public auction, at Stable "A," of the Department of Street Cleaning, Seventh-avenue and Avenue C, Borough of Manhattan, at 10:30 a.m., on

TUESDAY, THE 28TH DAY OF OCTOBER, 1898:

10 Horses (more or less).
1000 boxes of bags (paper bags more or less).
100 boxes of canvas cart covers, horse covers and feed bags.
2000 pounds (more or less), Old Tim, Malleable, Cast and Scrap Iron.
100 Horse Collars.
100 Cart Hobbles.
100 Horseshoes.
100 pairs of Harness.
100 pairs of Harnessed & Bedfolds, 2 Traps, 2 Halters.
10 Bushel Horse Covers, 2 Stem Axles.
10 old Blankets.
1 lot of old Saddles-pads.
1 lot of Horseshoe Irons.
1 lot of Rubber Hose (Fire and Garden).
1 lot of Braces.
1 Wire Drawing Machine.
1 Lampstand.
60 barrels of Lead Formation Varnish, etc.
(Signed) JAMES McCARTNEY,
Commissioner of Street Cleaning.

PERSONS HAVING BULK HEADS TO FILL, IN THE vicinity of New York Bay, can practice material for the improvement of street sweepings, etc., such as collected by the Department of Street Cleaning, or else, by applying to the Commissioner of Street Cleaning, 140 Broadway, 8th floor of Manhattan. JAMES McCARTNEY,
Commissioner of Street Cleaning.

MUNICIPAL CIVIL SERVICE COMMISSION.

MUNICIPAL CIVIL SERVICE COMMISSION OF THE CITY OF NEW YORK,
COURT, 8TH FLOOR AND WHITE STREETS,
NEW YORK, October 13, 1898.

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

Wednesday, October 18, POLICE INSPECTOR. Subjects: Physical examination, experience, duties, handwriting, reading, arithmetic.

Friday, October 20, SUPERVISING ENGINEER. Subjects: Handwriting, arithmetic, experience and technical knowledge.

Monday, October 23, FILE-DRIVING ENGINEER. Subjects: Special paper, hand-writing, arithmetic, experience and technical knowledge.

Monday, October 23, DYNAMO ENGINEER with knowledge of storage batteries. Subjects: Special paper, handwriting, arithmetic, experience and technical knowledge.

Monday, October 23, ENGINEER STEAM ROLLER. Subjects: Special paper, handwriting, arithmetic, experience and technical paper.

LEE PHILLIPS,
Secretary.

BOROUGH OF BROOKLYN.

I HAVE RECEIVED THE FOLLOWING petitions, now on file in my office for inspection, and will submit them to the Local Board of the Ninth District on Thursday, October 27, 1898, at 4:30 p.m., in the office of the President of the Borough, Room 1, Borough Hall.

Manor street, paving, between Florence place and Marion avenue.

Scott avenue, opening Scott avenue, between Metropolitan and Flushing avenues.

Belmont avenue, removal of obstruction at railroad crossing at Vista avenue and Belmont avenue.

Belmont avenue, construction of proper railroad crossing at the intersection of Belmont and Vista avenues.

Crescent street, repaving Crescent street with asphalt from Jamaica avenue to Atlantic avenue.

Granite street, grading and paving of Granite street, from Bushwick avenue to Evergreen avenue.

Central avenue, grading Job on west side of Central avenue north of Hoyland street, known as Lot No. 39, Block 48, Twenty-seventh Ward Map.

Cook street, fencing vacant lot on the southeast corner of Cook street and Evergreen avenue, known as Lot No. 1, Block 48, Eighteenth Ward Map.

Cook street, flagging sidewalk in front of Lot No. 1, Block 48, Eighteenth Ward Map, and at the southwest corner of Cook street and Evergreen avenue.

Miller avenue, flagging sidewalk on the east side of Miller avenue, between Fulton street and Atlantic avenue, in front of Lot No. 1, Block 30, Twenty-sixth Ward Map.

Miller avenue, flagging sidewalk on the east side of Miller avenue, between Jamaica avenue and Arlington avenue, in front of Lots Nos. 1 and 19, Block 264, Twenty-sixth Ward Map.

Eldert street, grading lot on the north side of Eldert street, between Hamburg avenue and Knickerbocker avenue, known as Lot No. 18, Block 190, Twenty-eighth Ward Map.

Gates avenue, flagging sidewalk on the south side of Gates avenue, between St. Nicholas avenue and Wyckoff avenue, and on the west side of St. Nicholas avenue, between Grove avenue and Beecker street, in front of Lot No. 46, Block 81, Twenty-eighth Ward Map.

Gates avenue, fencing lot on the south side of Gates avenue, between Irving avenue, in front of lot known as No. 1, Block 81, Twenty-eighth Ward Map.

Central avenue, grading lots on the west side of Central avenue, between Grove street and Linden street, known as Lots Nos. 33 to 39, inclusive, Block 23, Twenty-eighth Ward Map.

Central avenue, flagging sidewalks on the west side of Central avenue, between Grove and Linden streets, and on the south side of Grove street, running 100 feet west of Central avenue, and on the north side of Linden street running 100 feet west of Central avenue, in front of Lots Nos. 35 to 45, inclusive, Block 23, Twenty-eighth Ward Map.

Irving avenue, flagging vacant lots on the west side of Irving avenue, between Stockholm street and DeKalb avenue; also on the north side of Stockholm street 100 feet from the northwest corner of Irving avenue; and on the south side of DeKalb avenue 100 feet from the southwest corner of Irving avenue, in front of lots known as Nos. 24 to 28, Twenty-eighth Ward Map.

Irving avenue, flagging sidewalks on the northwest corner of Miller avenue and Fulton street, in front of lots known as Nos. 25 and 26, Block 279, Twenty-eighth Ward Map.

Jamaica avenue, flagging sidewalks on the northerly side of Jamaica avenue, between Crescent street and Cypress Hills road, in front of lot known as No. 1, Block 244, Twenty-sixth Ward Map.

Irving avenue, fencing vacant lots on the west side of Irving avenue, between Stockholm street and DeKalb avenue; also on the north side of Stockholm street 100 feet from the northwest corner of Irving avenue; and on the south side of DeKalb avenue 100 feet from the southwest corner of Irving avenue, in front of lots known as Nos. 24 to 28, Twenty-eighth Ward Map.

Knickerbocker avenue, fencing lots on the west side of Knickerbocker avenue, between Grattan street and Harrison place, and on the north side of Grattan street, running 100 feet from the northwest corner of Irving avenue; and on the south side of Harrison place running 77 feet 7 inches from the corner of Knickerbocker avenue, known as Lots Nos. 6 to 13, inclusive, Block 202, Eighteenth Ward Map.

Starr street, flagging sidewalk on the south side of Starr street, between Knickerbocker avenue and Harrison avenue, in front of lots Nos. 22 and 23, Block 75, Twenty-seventh Ward Map.

Harr street, flagging sidewalk on the south side of Harr street, between Hamburg avenue and Knickerbocker avenue, in front of Lot No. 24, Block 78, Twenty-seventh Ward Map.

Bushwick avenue, flagging sidewalk on the east side of Bushwick avenue, between Aberdeen street and de Sales place, in front of lot known as No. 39, Block 192, Twenty-eighth Ward Map.

Bushwick avenue, flagging sidewalk on the west side of Bushwick avenue, between Aberdeen street and de Sales place, in front of lots known as Nos. 69 and 70, Block 192, Twenty-eighth Ward Map.

Aberdeen street, flagging sidewalk on the south side of Aberdeen street, between Bushwick avenue and Evergreen Cemetery, in front of lots known as Nos. 32 and Nos. 33 to 38, inclusive, Block 159, Twenty-eighth Ward Map.

Centrif avenue, fencing vacant lots on the west side of Central avenue, between Grove and Linden streets, and on the south side of Grove street, running 100 feet west of Central avenue, and on the north side of Linden street, running 100 feet west from Central avenue, known as Lots Nos. 33 to 40, inclusive, Block 23, Twenty-eighth Ward Map.

DeKalb avenue, street lighting, between Myrtle avenue and Harrison avenue.

Knickerbocker avenue, electric light at the corner of Knickerbocker avenue and Grattan street; and also at the corner of Knickerbocker avenue and Harrison place.

Jerome street, complaint about factory situated on Jerome street, between Eastern parkway and Glenmore avenue.

Prinslands avenue, complaint about barn at the corner of Pennsylvania avenue and Glenmore avenue.

EDWARD M. GROUT,
President, Borough of Brooklyn.

DEPARTMENT OF FINANCE.

NOTICE TO TAXPAYERS.

DEPARTMENT OF FINANCE,
BUREAU FOR THE COLLECTION OF TAXES,
No. 57 CHAMBERS STREET (STEWART BUILDING),
NEW YORK, October 3, 1898.

NOTICE IS HEREBY GIVEN THAT THE Assessment Rolls in the following entitled matters have been completed, and the authority for the collection of the various assessments mentioned therein has this day been delivered to the Receiver of Taxes, and are now due, and all persons liable to pay such assessments are required to pay the same without delay at his office, under the penalty of the law.

Opening Seventy-fifth street, from the Shore road to Fort Hamilton avenue.

Opening Seventy-first street, from Sixth avenue to Eighth avenue.

Opening Eighty-second street, from Fourth avenue to Twelfth avenue.

Closing Kings Highway, from Fort Hamilton avenue to Seventh avenue.

Closing De Bruyn's lane, from Eighty-sixth street to Benson avenue.

Fencing Newell street, west side, between Norman avenue and Meserve avenue.

Fencing Park place, south side, between Franklin avenue and Classon avenue.

Flagging Macen street, south side, between Saratoga avenue and Howard avenue.

Flagging McDougal street, south side, between Howard avenue and Saratoga avenue.

Flagging Pacific street, south side, between Columbia street and East river.

Flagging Rochester avenue, east side, between Dean street and Bergen street.

Flagging Rochester avenue, west side, between Dean street and Bergen street.

Flagging Rochester avenue, east side, between Pacific street and Dean street.

Flagging Remond street, west side, between Pacific street and Main street.

Flagging Saratoga avenue, east side, between Main street and McDougal street.

Estimates soon to be made.

Chapter 141 Laws of 1898, title 1, section 14, and title 19, section 14, contained by chapter 141, Laws of 1898, and chapter 288, Laws of 1898, as amended by section 142, chapter 141, Laws of 1898, and chapter 318, Laws of 1898.

On all taxes and on all assessments except assessments for grading and paving, which shall become due to the Receiver of Taxes before the expiration of thirty days from the time the same shall become due and payable, an allowance shall be made to the person or persons making such payment at the rate of seven and three-quarters per centum per annum, for the unexpired portion thereof.

On all taxes, assessments and water rates paid after the expiration of thirty days from the time the same shall have become due and payable, there shall be added to and collected, as part of every such tax, assessment or water rate, interest at the rate of one per cent. per annum, to be computed from the time the same became due and payable, to the date of said payment.

By order of

BIRD S. COLER,
Comptroller,
DAVID E. AUSTEN,
Receiver of Taxes,
JAMES G. BOUCK,
Deputy Receiver of Taxes, Borough of Brooklyn.

INTEREST ON CITY BONDS AND STOCKS.

THE INTEREST DUE NOVEMBER 1, 1898, ON THE REVENUE BONDS AND STOCKS OF THE CITY OF NEW YORK, which have been certified to be valid obligations of said city, will be paid on that day by the Comptroller of the Board of Education, in the Stewart Building, corner of Broadway and Chambers street, Brooklyn.

The Transfer Books will be closed from September 30 to November 1, 1898.

The interest due November 1, 1898, on the Corporate Bonds of the former City of New York will be paid on that day by the Knickerbocker Trust Company, No. 64 Broadway.

BIRD S. COLER, Comptroller.

THE CITY OF NEW YORK—DEPARTMENT OF FINANCE, COMPTROLLER'S OFFICE, SEPTEMBER 13, 1898.

DEPARTMENT OF WATER SUPPLY.

DEPARTMENT OF WATER SUPPLY,
COMMISSIONER'S OFFICE,
No. 12 NASSAU STREET,
NEW YORK, October 3, 1898.

TO CONTRACTORS.

BIDS OR ESTIMATES INCLUDED IN A sealed envelope, with the title of the work and the name of the bidder enclosed therein, showing number of the work to be so constructed, will be received at No. 120 Nassau street, corner of Service street, in Room No. 1044 until 10 a.m. on

THURSDAY, OCTOBER 20, 1898.

The bids will be publicly opened by the head of the Department, in Room 1044, No. 120 Nassau street, at the hour above mentioned.

For the BOROUGH OF BROOKLYN.

No. 1 FOR FURNISHING THE DEPARTMENT OF WATER SUPPLY WITH ANTHRACITE PEAT COALS FOR THE FOLLOWING AMOUNT.

Section 12, page 1000, Title of Anthracite Peat Coal.

Borough of Queens.

No. 2 FOR THE IMPROVEMENT OF PUMPING PLANT, COLLEGE POINT, BOROUGH OF QUEENS.

Boroughs of MANHATTAN and THE BRONX.

No. 3 FOR FURNISHING, DELIVERING AND LAVING WATER-MAINS IN SOUTHERN BROADWAY, between Horne and One Hundred and Forty-ninth streets.

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

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

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

The City of New York, do hereby give notice of the following, to-wit: At the amount of five per cent of the amount of security required, such check or money must not be included in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and retained by The City of New York as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time above-mentioned the amount of his deposit will be returned to him.

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

JOHN J. SCANNELL,
Commissioner.

HEADQUARTERS FIRE DEPARTMENT,
New York, October 1, 1898.

TO CONTRACTORS.

SEALED PROPOSALS FOR REPAIRING, ETC. The following-mentioned Steam Fire Engines to be used by the Department in the **Boroughs of Brooklyn and Queens**, will be received by the Fire Commissioner, at the office of said Department, Nos. 137 and 139 East Sixty-seventh street, in the Borough of Manhattan, in The City of New York, until 10 o'clock a.m.

WEDNESDAY, OCTOBER 26, 1898.

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

Two Small Fire Engines to be furnished with new live steam and auxiliary boiler, etc.

For the repairing, etc., to replace above-mentioned fire-engine, required to be repaired the time allowed for the completion of the repairs to state date.

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

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

For information as to the amount and kind of work to be done, bidders are referred to the specifications.

The form of the agreement with specifications, showing the manner of payment for the work, may be seen, and forms of proposals may be obtained at the office of the Department.

Bidders will write out the amount of their estimate in addition to inserting the same in figures, stating the price per ton for each, etc., and the total amount.

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

Any person making an estimate for the work shall present the same in a sealed envelope at said office, on or before the day and hour above named, which envelope shall be indexed with the name or names of the person or persons presenting the same, the date of its presentation, and a statement of the work to which it relates.

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

An bid or estimate will be accepted from, or contract awarded to, any person who is in arrears to the Corporation, upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

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

A bid or estimate will be accepted from, or contract awarded to, any person who is in arrears to the Corporation, upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

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

Each bid or estimate shall be accompanied by the amount in writing of two hundred dollars or freeholders of The City of New York, with its respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as sureties for its faithful performance in the sum of Four Thousand (4,000) Dollars; and that if he shall unit or refuse to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled on its completion and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting, the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested. The amount above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in The City of New York, and is worth the amount of the security required for the completion of this contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety or otherwise, and that he has offered himself as a surety in good faith and with the intention to execute the bond required by law. The adequacy and sufficiency of the security offered is to be approved by the Comptroller of The City of New York before the award is made and prior to the signing of the contract.

An estimate will be considered unless accompanied by either a certified check upon one of the banks of The City of New York, drawn to the order of the Comptroller, or money to the amount of Five (5) per cent of the amount of the security required.

Such check or money must not be included in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and retained by The City of New York as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time above-mentioned the amount of his deposit will be returned to him.

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

HEADQUARTERS FIRE DEPARTMENT,
NEW YORK, October 1, 1898.

SEALED PROPOSALS FOR FURNISHING ANTHRACITE COAL.

5,250 tons fire size.

750 tons straw size.

1,000 tons size size.

—will be received by the Fire Commissioner, at the office of the Fire Department, Nos. 137 and 139 East Sixty-seventh street, in the Borough of Manhattan in The City of New York, until 10 o'clock a.m.

WEDNESDAY, OCTOBER 19, 1898,

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

The coal is to be fire-burning, of the first quality of either of the kinds known and named as follows:

"Scranton," by the Delaware, Lackawanna and Western Railroad Company.

"Lackawanna," by the Delaware and Hudson Canal Company, or by the New York, Ontario and Western Railroad Company.

"Pittston," by the Pennsylvania Coal Company.

"Wilkesbarre," by the Lehigh and Wilkesbarre Coal Company.

"Jermyn," by the New York, Susquehanna and Western Railroad Company, or any other fire-burning coal.

—all to weigh 2,000 pounds to the ton, and be well screened and free from slate.

The bidder must state the particular kind of coal proposed to furnish, and state observed by whom it is mixed.

All of the coal is to be delivered at the various houses of the Department, in the Boroughs of Brooklyn, and in the Bronx, in such quantities as may be required.

The articles to be inspected and weighed at the several places of delivery by the officer or other employee in charge. The weighing to happen beam scales furnished by the Department and transported by the contractor.

All bid or estimate will be accepted from, or contract awarded to, any person who is in arrears to the Corporation, upon debt or contract, or who is a defaulter as surety or otherwise, upon any obligation to the Corporation.

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

The form of the agreement, with specifications, showing the manner of payment for the work, may be seen, and forms of proposals may be obtained at the office of the Fire Department.

Bidders will write out the amount of their estimate in addition to inserting the same in figures, stating the price per ton for each, etc., and the total amount.

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

Any person making an estimate for the articles shall present the same in a sealed envelope at said office, on or before the day and hour above named, which envelope shall be indexed with the name or names of the person or persons presenting the same, the date of its presentation, and a statement of the articles in which it relates.

The Fire Department reserves the right to decline any and all bids or estimates, as may be deemed to be for the public interest.

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

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

Each bid or estimate shall be accompanied by the amount in writing of two hundred dollars or freeholders of The City of New York, with its respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as sureties for its faithful performance in the sum of Four Thousand (4,000) Dollars; and that if he shall unit or refuse to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled on its completion and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting, the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested. The amount above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in The City of New York, and is worth the amount of the security required for the completion of this contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety or otherwise, and that he has offered himself as a surety in good faith and with the intention to execute the bond required by law.

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