

THE CITY RECORD.

OFFICIAL JOURNAL.

Vol. IX.

NEW YORK, THURSDAY, AUGUST 11, 1881.

NUMBER 2,491.



DEPARTMENT OF PUBLIC WORKS.

Report for the Quarter ending June 30, 1881.

DEPARTMENT OF PUBLIC WORKS,
COMMISSIONER'S OFFICE, ROOM 5, 31 CHAMBERS STREET,
NEW YORK, July 30, 1881.

Hon. WILLIAM R. GRACE, Mayor, etc.:

SIR—In accordance with the provisions of the charter, I have the honor to submit to you herewith a report of the transactions of the Department of Public Works for the three months ending June 30, 1881.

Summary of Expenditures.

(Being amount of requisitions drawn on the Comptroller during the quarter.)

On account of appropriations raised by taxation.....	\$458,492 83
On account of assessment fund for street improvements.....	124,239 61
On account of revenue bonds, in anticipation of collection of charges for water meters.....	12,985 07
On account of special fund, for restoration of pavements over street openings.....	12,730 25
On account of funded debt, for improvement and extension of water supply.....	51,687 61

Total..... \$660,135 37

Expenditures for the six months ending June 30, during the years 1874 to 1881.

Six months ending June 30, 1874.....	\$3,612,064 74
" " 1875.....	2,461,362 34
" " 1876.....	2,280,682 44
" " 1877.....	1,321,313 82
" " 1878.....	1,250,714 37
" " 1879.....	831,146 98
" " 1880.....	1,201,262 34
" " 1881.....	1,057,327 88

BUREAU OF CHIEF ENGINEER OF THE CROTON AQUEDUCT.

At the beginning of the quarter the volume of the Croton river was much greater than the capacity of the aqueduct, and during the entire three months water was running to waste over the Croton Dam at a depth of from two to sixteen inches, being equal to an average of 210 millions of gallons per day which could not be conveyed to the city through the aqueduct.

The rainfall was as follows:

At Boyd's Corner Reservoir.....	11.13 inches
At Middle Branch Reservoir.....	9.71 "
At Kensico on the Bronx river.....	9.41 "
This is nearly double the rain-fall for the corresponding quarter of last year, which was—	
At Boyd's Corner Reservoir.....	6.44 inches
At Middle Branch Reservoir.....	5.87 "

The storage reservoirs and lakes contain a full reserve supply to be drawn upon when the natural flow of the Croton river is less than the quantity required to keep the aqueduct running to its full capacity.

The improvements at the outlet of Lake Mahopac, to facilitate the drawing of stored water, have been continued.

A special inspection of the Croton Lake, river, and tributaries has been made, and all vegetation and other material which might cause injurious impregnation of the water have been removed.

BRONX RIVER SUPPLY.

The proceedings for acquiring the lands for the reservoirs at Kensico and at the Rye Ponds, and the right of way for the conduit pipe from Kensico to between Hartsdale and Scarsdale, have been completed and the Commissioners of Appraisal are about to make their awards for other portions of the conduit line.

An application is now being prepared for legal proceedings to acquire the land for the receiving reservoir at Williamsbridge, and the right of way for the pipe from this reservoir to Jerome avenue.

Considerable progress has been made in the construction of the reservoir dam at Kensico, the following being the principal items of work done:

7,790 cubic yards earth excavation.
1,960 " embankment.
1,734 " of masonry.
1,899 lineal feet of fence walls.
On the conduit line between Bronxville and Woodlawn the following work has been done:
888 tons of pipe delivered.
2,300 lineal feet 48-inch pipe laid.
2,100 cubic yards rock excavated.
2,800 " earth excavated.
2,600 " embankment built.
70 " dry stone wall built.

The Aqueduct.—The work of reinforcing the conduit by additional masonry and side embankment has been steadily continued, and all culverts, drains, and ditches on its line have been cleaned and put in order.

The following are the principal items of work done under this head during the quarter:

1,310 cubic yards brick masonry built.
8,444 " earth removed from top of arch.

23,075 cubic yards earth placed in side embankments.

1,645 " dry walls and culverts built.

1,709 lineal feet of fence built.

In order to establish prompt and sure communication between the Department officers and the Croton dam, telegraph poles have been erected and a wire suspended between the office in Yonkers, now connected with this office by telephone, to Croton dam, a distance of eleven miles.

The laying of the four-foot pipe, contracted for in 1880, to replace the old and unsafe six-foot pipes for conducting the water from the aqueduct gates at Ninety-third street and Tenth avenue into the Central Park reservoir has been completed.

Distribution of Water.—The water service has been extended by laying 3,616 lineal feet of 12-inch pipe; 5,806 lineal feet of 6-inch pipe; total, 9,422 lineal feet of pipe, with 77 new fire hydrants. The high service works at Ninety-eighth street and Ninth avenue and at High Bridge have been furnishing a constant supply of 11,000,000 gallons of water per day.

An examination of the relative performance of the new high service engines at Ninety-eighth street and the old engines at High Bridge shows that the latter use nearly twice the amount of fuel for the same work.

The High Bridge engines are required now to pump 4,000,000 gallons water 100 feet high every 24 hours, for which they consume 12,300 lbs. of coal. An engine of the same construction as those at the new high service works, will perform the same service with 6,200 lbs. of coal, being a saving of 6,100 lbs. per day, or 1,023 tons per annum, amounting, at \$5 per ton, to \$5,115 a year. To this may be added a saving of \$750 in oil and other stores, making a total of \$5,865.

A new engine of this pattern can be put up for \$25,000, consequently the cost of it would be paid by the saving of a little over four years in the running expenses. I therefore concur in the recommendation of the Chief Engineer that such an engine be procured, one of the old ones to be kept in reserve for use in case of accident to the new one.

During the comparatively cool weather which prevailed until the middle of June, a fair head of water was maintained throughout the city, but with the advent of hot weather the pressures have been so much diminished through increased consumption that in many houses the water does not rise within one story of the usual height.

This gives rise to many complaints, but it is to be presumed that the people of this city now generally understand that the water service cannot be improved until additional conduits and storage for bringing more water to the city are completed. For seven or eight years past the aqueduct has been used to its utmost capacity, while the population of the city has increased from 300,000 to 400,000. Could it be possible to maintain such pressure of water under these circumstances as to force it to the upper stories of buildings?

On the contrary, it may be considered quite an achievement of care and circumspection in the management of the water supply that abundant water is still delivered in every house; and without the measures for the suppression of waste commenced by my predecessor five years ago, and since steadily pursued and extended, it would be impossible now to deliver water in all parts of the city even on the lowest floors.

During the quarter, 443 additional water meters were placed, making the total number in use on the 30th of June, 4,658.

The rapid growth of the city and the demand for the extension of the water service to new streets will make it absolutely necessary to limit and control the waste in private houses or dwellings, which are now exempt from the compulsory use of meters; otherwise it will soon become impossible to maintain a fair distribution and head of water in all parts of the city. A bill authorizing the Commissioner of Public Works to accomplish this object by the use and application of stop-cocks and a pressure-gauge to service pipes outside the houses, and without the annoyance of entering private dwellings, was introduced in the Legislature this year, and it is greatly to be regretted that this measure, which is so essential to the continued efficiency of the water supply, did not become a law.

The fact that great waste of water occurs in private houses is undisputed, and the injury caused by such waste becomes greater as the number of consumers increases.

I cannot close this part of my report, relating to the city's water supply, without expressing deep regret and concern at the failure of the bill introduced in the Legislature to authorize the construction of another aqueduct. As the head of the department to which are intrusted the immense public and private interests involved in the maintenance of an adequate water supply for the city, I feel it a duty to express to you on behalf of these interests as well as personally, my sincere acknowledgments for the patient and intelligent labor which you have bestowed upon the study of this question, and the generous aid you have given to my efforts to secure proper legislation to enable me to meet and discharge this great trust.

When the Aqueduct bill had been amended with regard to the provisions relating to appropriations and expenditures in accordance with your views, it received your hearty approval, and that of the Comptroller, the Counsel to the Corporation, the Health Department, the public press, the Board of Fire Underwriters, and of other corporate bodies and citizens representing the best and largest interests of the metropolis, as a measure of immediate and pressing necessity, carefully drawn to secure economy and prudence in the execution of the work. A retrospect of the history of our water-supply, an intelligent view of its present condition and of the present and future growth of the city, furnish abundant evidence that before such a work can be completed, the city will have entirely outgrown the capabilities of its present supply. With the greatest energy in its prosecution a new Aqueduct with the necessary collecting and storage reservoirs cannot be built in less than five or six years. Last year's census gives the resident population of the city 1,206,000. With its present and prospective growth it will be more than 1,500,000 in six years from now, exclusive of a floating population of upwards of 300,000, and through the failure of the bill this year the completion of an Aqueduct is put off at least one year further, supposing that authority for its construction is obtained from the next Legislature. The utmost that can be expected from every practicable measure for the suppression of waste, from the most prudent and skilful management of the entire water system, and from the limited additional supply from the Bronx and Byram rivers which will become available two or three years hence, is to tide us safely over this period, though in the mean time further reductions in the pressures or head of water are inevitable. With all the care that is and can be bestowed to maintain the present Aqueduct in safe condition, and with all the improvements that are in progress and can be made to strengthen its weak points, a serious break in the structure, by which the supply would be completely shut off for days or weeks, is by no means an impossibility. The contemplation of the incalculable risk we incur in depending on this sole conduit for our water-supply should stimulate a much less progressive and wealthy community to even greater exertion than is needed in this instance to insure an absolutely safe and abundant supply.

The cost involved in the construction of a new Aqueduct, though large in itself, is insignificant in comparison to the interests concerned. The present Aqueduct and water system were planned and determined upon in 1835, when the population of the city was less than 270,000 and Fourteenth street was the northern limit of its habitations. Opposition to the undertaking was loud and urgent, but its wisdom and benefits have been splendidly demonstrated.

In like manner, opposition from narrow-minded people to the expenditure for a new Aqueduct will always be encountered, though the work should be put off until the city is overwhelmed with loss and calamity through the failure of an adequate supply of an element so necessary to its life and prosperity.

Impressed as I am with the great responsibility imposed upon this Department to maintain a sufficient supply of pure and wholesome water for the city, and with the urgent necessity of a new Aqueduct to meet this responsibility, I shall embrace every opportunity to advocate and secure its construction, and I am happy in the belief and assurance that in these efforts I have your cordial cooperation, as well as that of the Comptroller.

BUREAU OF WATER PURVEYOR.

Pavements.—A regular repair force was organized early in May, and gradually increased, until there are now thirty-four companies or gangs employed in repairing the pavements throughout the city. All complaints of bad pavements are filed and registered. If the place complained of is in dangerous condition it is immediately repaired, and all other complaints are attended to in the order in which they are received. The gradual improvement in the condition of the pavements by the substitution of stone blocks for cobble-stone enables the Department to cover a larger area with repairs. A considerable improvement is also noticeable through the operation of the ordinance which came into effect last September, under which pavements over plumbers' openings are now replaced by responsible and experienced parties under the direction of the Department, instead of unskilled and irresponsible persons employed by plumbers or builders. The benefit of this change will become more apparent as time advances, and the series of ridges and depressions which marked the places where pavements had been removed and improperly relaid will gradually disappear.

For various reasons the maintenance of smooth and solid pavements in our streets will always be a work of great difficulty and expense. Under the pavements there are 505 miles of water-pipes, 378 miles of sewers, and over 600 miles of gas-pipes, exclusive of house connections. Most of our principal streets are traversed by rail tracks. The frequency of excavations in the streets to repair and extend these various structures causes continual breaks in the pavements, which are not always properly restored. The franchises heretofore granted to some of the private corporations for using the public streets for their purposes impose little or no obligation or restriction as to the manner of taking up and restoring pavements. Constant watchfulness and frequent notices and requests by this Department to these corporations for the past few years have brought about some improvement and greater attention on their part to the maintenance of pavements disturbed or used by them. In the franchises recently granted to steam-heating companies and electric light companies for laying pipes and wires under the streets more stringent provision has been made in this respect, and in all future franchises of this kind care should be taken to impose strict obligations with regard to the restoration and maintenance of pavements.

The contracts for repaving the various streets out of the appropriation of 1881, as recommended by me and authorized by the Common Council, have all been signed, except one, on which the sureties have not yet been approved by the Comptroller. Two of last year's repaving contracts, which remained unfinished, have been completed. The length of streets to be repaved this year is about seven and a half miles.

BUREAU OF SEWERS.

During the quarter work has been in progress under twenty-three contracts for the construction of 28,896 lineal feet of sewers, and forty-three receiving basins. Seven contracts were completed. The deep sewer in Fifth avenue, from Fifty-fifth street to Fifty-ninth street was finished in June. This difficult work became necessary to drain this district, covered with the most valuable residences in the city, of the water coming from a deep natural water course which permeated the rock and earth filling and created malaria. Considering the depth at which this sewer had to be built—some thirty-four feet below the pavement—the net work of water and gas pipes on its line, and the difficult nature of the ground, consisting mostly of heavy rock filling, the work has been done quite promptly and with comparatively little annoyance to the people in the vicinity. An idea of the necessity and benefit of this sewer may be obtained from the fact that before any connections with it were made, a volume of water one foot in depth was constantly flowing through it, gathered from the saturated area. On the large collective sewer on West street, between Spring street and West Eleventh street, the work has advanced from the main outlet at Clarkson street northward to West Tenth street, and is progressing favorably.

The aggregate length of new sewers built during the quarter is 6,918 lineal feet, with three receiving basins and 67 feet of culverts, and the present extent of the sewerage on Manhattan Island is 378 4-10 miles, with 4,576 receiving basins.

A very large amount of work has been done during the three months in the repairs and reconstruction of old sewers, the minor repairs being made by skilled and experienced workmen in the employ of the Department, and larger works of reconstruction by contract.

The reconstruction work is principally on sewers built years ago on improper foundations in originally low and swampy ground, which was filled to the street level with loose earth, ashes and refuse.

The repairs comprise the following principal items:

- 3,461 lineal feet of sewers and culverts rebuilt.
- 168 lineal feet of spur pipe laid.
- 62 receiving basins rebuilt and repaired
- 33 new manholes built.
- 86 manholes repaired.
- 38 new basin heads and covers put on.
- 109 new manhole covers and
- 61 manhole heads put on.
- 113 lineal feet of new curb set.
- 1,775 square yards pavement relaid.
- 5,996 cubic yards earth excavated and refilled.
- 2,637 cart loads of sewer deposits removed from 662 basins and 12,375 lineal feet of sewers.

BUREAU OF STREET IMPROVEMENTS.

During the quarter seventeen contracts were in progress for regulating and grading streets, and four contracts were completed, including

- Lexington avenue, between Ninety-sixth and Ninety-seventh streets.
- Fourth avenue, between Ninety-fourth and Ninety-sixth streets.
- Fourth avenue, between One Hundred and Fifteenth and One Hundred and Sixteenth streets.
- Sixty-first street, between Tenth and Eleventh avenues.

The aggregate quantities of work done are—

- 9,926 cubic yards earth excavated.
- 9,888 cubic yards rock excavated.
- 41,479 cubic yards filling put in embankments.
- 2,699 lineal feet curb stones set.
- 14,349 square feet flagging laid.
- 2,016 lineal feet picket fence built.

BUREAU OF STREETS AND ROADS.

The suburban roadways, streets, and avenues under the charge of this Bureau include 25 miles of Macadam roads, about 10 miles of country roadways, made of broken stone, loam, and gravel, and about 50 miles of streets and avenues which have been graded but not paved.

The Macadam roadways had become much worn, because for some years past the appropriations for their maintenance had not been sufficient to allow the renewal of surface material to the extent which is necessary to keep this class of road structure from disintegration. The past severe winter has also caused unusual wear. The season for pavement and road work began late this year, but as soon as it was fairly opened the work of resurfacing and repairing the roads was begun and has since been prosecuted with all possible energy. Fifth avenue, between Seventieth to Seventy-third streets,

Sixth and Seventh avenues, from One Hundred and Tenth street to Harlem river, Tenth avenue, from One Hundred and Fifty-fifth street to One Hundred and Eightieth street, and One Hundred and Forty-fifth street, between Eighth and Tenth avenues, have had the surface material renewed. Broken stone, lime-stone chips, and gravel were placed on Kingsbridge road, Farmer's Bridge road and Inwood street, where necessary, and the culverts were cleaned and repaired. Repairs were also made on about eighteen different unpaved streets and avenues, to make them safe and convenient for local travel.

BUREAU OF LAMPS AND GAS.

During the quarter the number of gas-lamps in the streets was increased from 23,343 to 23,468. Up to June 1, the Brush Electric Light Company furnished 22 electric lights, free of charge, on Broadway, from Fourteenth street to Thirty-fourth street. The light having proved satisfactory, and an advantageous offer being made by the Company for lighting certain streets and public places, the officers designated in the charter to make contracts for lighting public streets made a contract with this Company to furnish electric lights for eleven months, commencing June 1, 1881, on

- Broadway, between Fourteenth and Thirty-fourth streets.
- Fifth avenue, between Fourteenth and Thirty-fourth streets.
- Fourteenth street, between Fourth and Fifth avenues.
- Thirty-fourth street, between Fifth avenue and Broadway.
- In Union Square and in Madison Square.

—the compensation to be at the rate of \$7,400 per annum. It is claimed by the company that these lights will displace 500 gas lamps, which costs \$8,875 per annum at this year's prices for lighting gas lamps. The electric lights are to be produced on the voltaic arc system.

The lights in Union and Madison squares are to be in an elevated group of six lights in each park, each light to have 6,000 candle power, and the lights to be increased if found necessary.

In the contracts with the gas light companies for lighting public lamps for the year commencing May 1, 1881, there is an advance of the prices charged by the companies south of Harlem river of \$2.50 per lamp, as follows:

New York, Manhattan, Metropolitan, New York Mutual, and Harlem Gas Light Companies, from \$15 to \$17.50 per lamp.

Harlem Gas Light Company from \$17 to \$19.50 per lamp.

The price paid to the Central Gas Light Company for lighting lamps in the Twenty-third Ward is reduced from \$45 to \$29 per lamp, and the price paid to the Northern Gas Light Company for lamps in the Twenty-fourth Ward, from \$50 to \$30.

BUREAU OF REPAIRS AND SUPPLIES.

The repairs and fitting-up of the rooms on the second floor of the City Hall, lately occupied by this Department, and afterwards assigned to the Marine Court, were completed in April, and the rooms have since been occupied by the Court.

The alterations and improvements in the basement of the City Hall for the offices of the City Record, have also been finished. A small extension has been built on the brown stone building in the City Hall Park, to provide necessary additional room for the Department of Taxes and assessments. Certain portions of the walls in the Tombs building were found unsafe, and have been strengthened and made secure.

Minor repairs were made on a number of other public buildings.

On the 20th of June proposals were received after due advertisement for rebuilding the Fulton street, Front street, and Beekman street sections of Fulton market. The sureties of the lowest bidder were approved by the Comptroller on the 14th instant, and the contract was signed the same day.

The whole work is to be completed in six months. The removal of stands and stalls to temporary quarters during the progress of the work was begun before the contract was signed.

PUBLIC BATHS.

In the spring the eight public baths were newly painted, the frame work and flooring repaired, and otherwise put in good condition.

They were placed in their respective berths and opened to the public on the 1st of June. The attendance in June was as follows:

	Males.	Females.
Bath foot of Gouverneur street, East river.....	65,540	23,402
" Fifth street, East river.....	70,485	24,400
" Nineteenth street, East river.....	50,172	22,916
" Thirty-seventh street, East river.....	28,000	11,155
" One Hundred and Twelfth street, East river.....	26,566	7,980
" Bethune street, North river.....	40,041	11,119
" Fifty-first street, North river.....	28,482	15,448
Bath at the Battery.....	38,553	23,808
Totals.....	347,839	140,228

Chapter 447 of the Laws of this session, passed June 3, 1881, directs that an additional bath be constructed, to be located in the Fifth Ward, the cost not to exceed the cost of one of the present baths. In accordance with this act I made requisition on the 9th of June upon the Board of Estimate and Apportionment for an appropriation of \$10,000 for the construction of the bath, and \$1,500 for its maintenance for the year 1881.

The appropriation was granted, and advertisement was made at once for proposals for the construction of the bath.

At the opening of the proposals, only one bid was received, which exceeded the amount of the appropriation, and it became necessary to readvertise.

BUREAU OF INCUMBRANCES.

This Bureau received during the quarter 828 complaints of obstructions on streets and sidewalks on which notices for removal were issued, and in 131 cases, where the notices were not complied with, the articles complained of were seized and removed by the Department. The bureau also removed 1,038 cart-loads of stone and other refuse material from streets.

The unusual activeness in building operations is shown by the fact that 2,779 permits were applied for and issued to builders for the temporary occupation of streets with building material in front of buildings to be erected or altered. It is a matter of considerable difficulty to keep the heaps or piles of material at these many places within proper bounds, so as to leave convenient and safe passages for foot and road travel, and to secure the prompt and complete removal of the material and the restoration of roadways and sidewalks to clean and good condition where the building operations are finished. It is my intention to enforce stricter compliance with the requirements of the permits hereafter in respect to these matters. The means or authority for the enforcement of notices to property owners to repair defective sidewalks are inadequate. The law requires owners to keep the sidewalks, curb and gutter, in front of their respective premises, in good condition, and directs this Department to do the work at the expense of such owners when they neglect to comply with a notice to make necessary repairs; but there is no fund from which such work could be paid, since the courts have decided that the provision of the charter which prohibits reassessments for repaving, applies to sidewalks, curb and gutter, as well as to roadway pavements.

The law should either be amended so as to permit assessments for repairs to sidewalks, curb-stones and gutters, or a severe penalty should be established for neglect on the part of owners to keep them in good condition.

The number of notices to owners to repair defective sidewalks, issued during the three months, is 167.

BUREAU OF WATER REGISTER.

The revenue from the Croton water service collected by the Department during the quarter is as follows:

For Croton Water Rents.....	\$466,648 39
For Penalties on Water Rents.....	1,490 85
For Permits to Tap Croton Pipes.....	3,466 50
Total.....	\$471,605 74

MISCELLANEOUS REVENUE.

The Department also collected and paid into the City Treasury during the quarter:

For Vault Permits.....	\$31,693 40
For Permits to Make Sewer Connections.....	7,769 30
For Furnishing and Setting Water Meters.....	11,402 38
For Restoration of Pavements.....	9,663 00
For Articles Sold at Corporation Yard.....	615 40
Total.....	\$61,143 48

CITY CONTRACTS.

On the 29th of April last a new law went into operation (chapter 147, Laws 1881), which has already shown a very beneficial effect in securing promptitude in the execution of city contracts. It

provides that each proposal for a contract shall be accompanied by a deposit of money (or certified check) to an amount not exceeding five per cent. and not less than three per cent. of the amount of surety required on the contract, to be returned to the unsuccessful bidders on the ascertainment of the lowest bid, and to be forfeited by the successful bidder if he fails to execute the contract within five days after notice to him to execute it.

The surety required on contracts with this Department is one-half the estimated amount involved in the contract. Since the law took effect bids or proposals have been advertised for and received up to June 30th for sixty-two contracts. The highest cash deposit required on any of these was \$1,750, and the lowest \$20.

The readiness with which good and responsible contractors enter into competition for contracts shows that this requirement is not considered onerous and does not prevent ample competition, while it shuts out such adventure and petty speculation as formerly prevailed when a large proportion of the proposals received were from irresponsible persons, with the intention of simply abandoning them (which could then be done without loss or penalty) if profitable arrangements for carrying out or selling the contract could not be made. The delays which thus occurred in the furnishing and examination of sureties, the signing of contracts, the dilatory manner of executing the works by inexperienced and impecunious contractors, the readvertisement of abandoned proposals or contracts were a source of great annoyance and loss.

Of the sixty-two contracts for which bids have been received since the operation of the new law, as above mentioned, all have been executed, except one, on which the sureties have not yet been approved by the Comptroller, and the average time intervening between the opening of bids and the execution of the contracts was only ten days.

Very respectfully,

HUBERT O. THOMPSON,
Commissioner of Public Works.

Document "A."

Showing Titles of Appropriations; Appropriations and Transfers of 1880; Requisitions on 1880 to April 1, 1881; Requisitions on 1880 in Second Quarter of 1881; Balances of 1880 on July 1, 1881; Appropriations for 1881; Requisitions, First Quarter, 1881; Requisitions, Second Quarter, 1881; Balances on July 1, 1881; and the Titles and Conditions of the Trust and Special Accounts on July 1, 1881.

TITLES OF APPROPRIATIONS.	Appropriations and Transfers of 1880.	Requisitions on 1880 to April 1, 1881.	Requisitions on 1880 in Second Quarter, 1881.	Balances of 1880, on July 1, 1881.	Appropriations for 1881.	Requisitions, First Quarter, 1881.	Requisitions Second Quarter, 1881.	Balances on July 1, 1881.
Aqueduct—Repairs, Maintenance, and Strengthening.....	\$214,153 20	\$214,143 65	.....	\$9 55	\$221,000 00	\$16,367 24	\$40,464 85	\$164,167 91
Aqueduct—Repairs, Maintenance, and Strengthening, Salaries.....	17,000 00	16,974 95	.....	25 05	49,000 00	3,868 60	10,890 72	34,240 62
Boulevard, Roads, and Avenues—Maintenance.....	46,000 00	45,992 32	.....	68	66,200 00	5,218 63	13,243 05	47,738 32
Boulevard, Roads, and Avenues—Maintenance, Salaries.....	4,500 00	4,498 96	.....	1 04	8,800 00	2,201 63	3,320 55	3,277 82
Contingencies—Department of Public Works.....	3,791 65	3,665 94	.....	125 71	2,500 00	313 00	455 58	1,731 42
Contract of Peter J. Masterson.....	225 69	225 00	.....	69	.....	.....	.....	.....
County Court-house Building, Completion of.....	12,800 00	1,805 37	.....	10,994 63	.....	.....	.....	.....
Expense of Altering Map of City.....	800 00	800 00	.....	.....	.....	.....	.....	.....
Expenses of Surveys and Maps.....	474 89	473 75	.....	1 14	.....	.....	.....	.....
Expenses of Laying four feet Croton Mains.....	78,337 70	74,775 02	2,309 86	1,252 82	.....	.....	.....	.....
Fitting up Fifth Regiment Armory—Essex Market.....	.....	.....	.....	.....	18,000 00	.....	.....	18,000 00
Fitting up Sixty-ninth Regiment Armory—Tompkins Market.....	1,600 00	1,515 43	.....	84 57	15,000 00	.....	.....	15,000 00
Flagging Sidewalks and Fencing Vacant Lots.....	8,000 00	7,945 65	.....	54 35	1,500 00	.....	158 28	1,341 72
Free Floating Baths.....	15,931 75	15,931 75	.....	.....	18,000 00	966 20	5,970 22	11,663 58
Free Floating Baths, Salaries.....	.....	.....	.....	.....	14,000 00	680 00	3,702 50	9,617 50
Forty-second Street Reservoir—Removing Pipes.....	.....	.....	.....	.....	12,500 00	.....	.....	12,500 00
Fulton Market—Alteration and Repairs.....	.....	.....	.....	.....	80,000 00	.....	2,657 50	77,342 50
Lamps and Gas.....	496,000 00	494,658 51	.....	1,341 49	530,000 00	78,038 67	121,719 19	330,242 14
Lamps and Gas, Salaries.....	6,000 00	5,999 74	.....	35	5,400 00	948 00	1,924 00	2,528 00
Laying Croton Pipes.....	250,000 00	220,735 54	5,392 94	23,871 32	235,000 00	4,677 31	9,576 54	220,746 15
Laying Croton Pipes, Salaries.....	.....	.....	.....	.....	15,000 00	4,408 90	3,603 47	6,987 63
Public Buildings—Construction and Repairs.....	35,400 00	35,342 09	.....	57 91	46,000 00	9,863 71	15,991 73	20,144 56
Public Buildings—Construction and Repairs, Salaries.....	.....	.....	.....	.....	1,900 00	460 50	477 00	950 50
Public Drinking Hydrants.....	5,000 00	4,997 11	.....	2 89	6,000 00	67 02	2,291 97	3,641 01
Removing Obstructions in Streets and Avenues.....	3,300 00	3,299 95	.....	05	4,200 00	282 75	1,050 31	2,866 94
Removing Obstructions in Streets and Avenues, Salaries.....	2,000 00	1,999 90	.....	04	1,800 00	410 66	611 37	777 77
Repairing and Renewal of Pipes, Stop-cocks, etc.....	87,044 92	86,613 33	.....	431 59	99,000 00	15,090 02	28,750 88	55,150 10
Repairing and Renewal of Pipes, Stop-cocks, etc., Salaries.....	34,000 00	33,916 17	.....	83 83	41,000 00	12,566 43	18,416 03	9,997 54
Repairs and Renewal of Pavements and Regrading.....	149,164 75	147,896 79	.....	692 96	156,000 00	1,135 35	17,321 13	137,543 52
Repairs and Renewal of Pavements and Regrading, Salaries.....	.....	.....	.....	.....	44,000 00	1,578 00	6,480 27	35,941 73
Repaving Streets and Avenues.....	296,000 00	237,323 88	36,840 56	23,835 56	391,000 00	.....	.....	391,000 00
Repaving Streets and Avenues, Salaries.....	7,000 00	6,980 37	.....	19 63	9,000 00	482 32	1,411 64	7,106 04
Roads and Avenues—Maintenance and Sprinkling.....	22,000 00	21,999 88	.....	12	.....	.....	.....	.....
Roads, Streets, and Avenues Unpaved, Maintenance, etc.....	.....	.....	.....	.....	29,100 00	3,205 98	6,439 43	19,454 59
Roads, Streets, and Avenues Unpaved, Maintenance, etc., Salaries.....	.....	.....	.....	.....	900 00	.....	.....	.....
Salaries—Department of Public Works.....	92,000 00	91,919 51	.....	80 49	81,800 00	20,663 66	21,276 94	39,859 40
Sewers, Repairing and Cleaning.....	53,700 00	53,454 70	.....	245 30	91,500 00	12,383 18	29,802 80	49,313 96
Sewers, Repairing and Cleaning, Salaries.....	11,500 00	11,548 18	.....	1 82	33,500 00	4,624 74	5,862 76	23,012 50
Sewerage System, Salaries.....	12,750 00	12,749 49	.....	51	13,000 00	2,202 21	4,231 75	6,566 04
Street Improvements for Surveying, etc.....	1,100 00	1,001 24	.....	98 76	1,000 00	.....	15 00	985 00
Street Improvements for Surveying, etc., Salaries.....	.....	.....	.....	.....	250 00	.....	.....	.....
Supplies for and Cleaning Public Offices.....	67,368 25	67,310 40	.....	57 85	63,500 00	21,866 05	23,611 23	18,021 82
Supplies for and Cleaning Public Offices, Salaries.....	15,200 00	15,078 62	.....	121 38	30,000 00	4,124 24	8,288 28	17,587 48
Supplying Water to Shipping, etc., Salaries.....	8,000 00	7,999 50	.....	50	8,000 00	2,121 00	2,036 00	3,843 00
Water Supply for the Twenty-fourth Ward.....	11,846 80	11,279 52	.....	567 28	12,250 00	.....	220 80	12,029 20
Water Supply for the Twenty-fourth Ward, Salaries.....	.....	.....	.....	.....	750 00	171 50	91 50	484 00
Wells and Pumps—Repairing and Cleaning.....	230 08	230 08	.....	.....	500 00	.....	39 06	460 94
Construction and Maintenance—Additional Public Baths.....	.....	.....	.....	.....	11,500 00	.....	.....	11,500 00
Janitors—Civil and Police Courts, Salaries.....	8,161 26	8,161 26	.....	.....	.....	.....	.....	.....
Totals.....	\$2,080,430 94	\$1,971,250 71	\$45,118 36	\$64,061 87	\$2,469,350 00	\$237,197 46	\$412,773 59	\$1,825,378 95

Amount Drawn, Second Quarter, 1881, on Liabilities of 1879, Croton Water Main Fund—from Taxation..... \$600 88

TITLES OF TRUST ACCOUNTS.	Amounts authorized by Board of Estimate and Apportionment.	Amounts called for by Commissioner of Public Works.	Amounts Expended to January 1, 1881.	Amounts Expended First Quarter, 1881.	Amounts Expended, Second Quarter, 1881.	Total Expenditures to July 1, 1881.	Amounts to Credit, July 1, 1881.
Croton Water Fund.....	\$1,960,000 00	\$1,960,000 00	\$1,659,789 34	\$19,231 65	\$50,032 52	\$1,729,053 51	\$230,946 49
Croton Water Main Fund.....	3,750,000 00	3,750,000 00	3,749,468 44	.....	.....	3,749,468 44	531 56
Croton Water Main Fund No. 2.....	1,500,000 00	1,500,000 00	1,490,745 78	7,577 55	1,655 09	1,499,978 42	21 58
Street Improvements above Fifty-ninth street.....	.....	.....	.....	570 94	1,095 21	1,666 15	.....
Street Improvement Fund.....	.....	.....	.....	42,322 70	123,144 40	165,467 10	.....
Meter Stock.....	50,000 00	75,000 00	45,803 30	1,859 50	12,985 07	60,647 87	14,352 13
Restoring and Repaving—Special Fund, D. P. W.....	.....	.....	4,246 65	1,124 00	12,730 25	18,100 90	7,659 10

C. T. McCLENACHAN, Bookkeeper D. P. W.

Statement of Bookkeeper, showing all Revenues of City received through the Department of Public Works, during the First and Second Quarters of 1881.

SOURCE OF REVENUE.	FIRST QUARTER, 1881.	SECOND QUARTER, 1881.	TOTAL, SIX MONTHS, 1881.	SOURCE OF REVENUE.	FIRST QUARTER, 1881.	SECOND QUARTER, 1881.	TOTAL, SIX MONTHS, 1881.
Water Rents.....	\$76,527 40	\$466,648 39	\$543,175 79	Sale at Seventy-fifth street.....	.....	\$88 00	\$88 00
Water Penalties.....	1,612 50	1,490 85	3,103 35	Totals.....	\$91,995 68	\$511,683 84	\$603,679 52
Pipe Tapping.....	1,341 50	3,466 50	4,808 00	Meter Stock Deposit—Special Fund.....	\$4,093 28	\$11,402 38	\$15,495 66
Sewer Permits.....	5,618 25	7,769 30	13,387 55				
Vault Permits.....	6,723 53	31,693 40	38,416 93				
Redemption and Sale of Street Obstructions.....	170 50	38 00	208 50				
Sales at Corporation Yards.....	.....	157 75	157 75				
Electric Light Permits.....	.....	331 65	331 65				

Document "B."

A Statement in Detail of Expenditures for which Requisitions were drawn upon the Comptroller by the Department of Public Works, during the Quarter ending June 30, 1881.

APPROPRIATIONS.

Aqueduct—Repairs, Maintenance and Strengthening—

Assessments.....	\$249 78
Brick, etc.....	412 70
Building stone.....	875 00
Cement.....	1,974 65
Coal.....	5,840 63
Coping stone.....	320 00
Grass seed and flower plants.....	198 75
Hardware.....	480 00
Lumber.....	1,375 95
Oil.....	602 68
Paint, etc.....	132 22
Pay-rolls, laborers, etc.....	24,145 41
Plumbing repairs.....	54 95
Repairing tools.....	227 45
Sand.....	800 00
Supplies.....	48 75
Taxes.....	530 85
Telegraph poles.....	720 00
Tools.....	831 54
Traveling expenses.....	279 04
Trucking pipe.....	304 00
Wire rope.....	60 50

Total.....\$40,464 85

Aqueduct—Repairs, Maintenance and Strengthening (Salaries) —

Pay-rolls, Engineers, etc.....	\$10,890 72
--------------------------------	-------------

Boulevard, Roads, and Avenues—Maintenance of—

Blacksmith's bellows.....	\$26 00
Broken stone.....	680 00
Coal.....	24 00
Gravel.....	1,800 00
Horsekeeping.....	10 50
Leather.....	10 71
Lumber.....	36 25
Pay-rolls, laborers, etc.....	9,408 27
Rent of engineer's office.....	90 00
Repairing tools.....	73 20
Repairing wagon.....	25 50
Road plane.....	90 00
Sand screen.....	40 00
Tools.....	68 62
Trap rock.....	860 00

Total.....\$13,243 05

Boulevards, Roads, and Avenues—Maintenance of (Salaries)—

Pay-rolls, engineers, etc.....	\$3,320 55
--------------------------------	------------

Contingencies—Department of Public Works—

Auctioneer's fees.....	\$15 77
Incidental expenses.....	300 00
Traveling expenses.....	139 81

Total.....\$455 58

Croton Water-Main Fund from taxation, for 1879—

Laying mains in Sixth avenue, etc.....	\$130 70
Laying mains in Eighty-seventh street, etc.....	470 18

Total.....\$600 88

Expense of Laying Four-Foot Croton Mains, for 1880—

Laying mains in Tenth avenue, Eighty-fifth street, and Central Park.....	\$2,309 86
--	------------

Flagging and Fencing in front of City Property—

Rivington street pipe yard.....	\$111 87
At 154 Clinton street.....	46 41

Total.....\$158 28

Free Floating Baths—

Repairing baths.....	\$4,043 46
Storing baths.....	1,180 00
Supplies.....	337 76
Towing baths.....	344 00
Unmooring.....	65 00

Total.....\$5,970 22

Free Floating Baths (Salaries)—

Pay-rolls, keepers, etc.....	\$3,702 50
------------------------------	------------

Fulton Market—Alterations and Repairs—

Architect, etc.....	\$1,737 50
Materials and labor.....	920 00

Total.....\$2,657 50

Lamps and Gas—

Crossheads.....	\$222 00
Drawing instruments.....	8 12
Gas-fitting.....	27 84
Lamp-globes.....	600 00
Lamp-irons.....	192 00
Lamp-posts.....	740 25
Lamp-tops.....	300 00
Lamps.....	1,400 00
Lettering lamp-globes.....	57 42
Lighting Armory, Battery "B".....	23 62
“ “ “E”.....	57 92
“ “ “K”.....	8 21
“ Sep. Troop "A".....	8 58
“ Fifth Regiment.....	131 78
“ Seventh “.....	916 08
“ Eighth “.....	183 75
“ Ninth “.....	359 79
“ Eleventh “.....	76 48
“ Twelfth “.....	232 59
“ Twenty-second Regiment.....	407 95
“ Sixty-ninth “.....	274 75
“ Seventy-first “.....	160 82
Lighting Brown Stone Building.....	30 50
“ City Hall.....	439 95
“ County Jail.....	551 43
“ Court-house, New.....	1,037 40
“ “ Third District Clock.....	284 54
“ “ Special Sessions.....	36
“ “ Civil, Second District.....	11 37
“ “ Fourth “.....	9 64

Lamps and Gas—

Lighting Court, Civil, Fifth District.....	\$9 27
“ “ “Sixth “.....	6 64
“ “ “Eighth “.....	2 28
“ “ “Ninth “.....	5 40
“ “ Police, First District.....	173 78
“ “ “Second “.....	81 74
“ “ “Third “.....	85 21
“ “ “Fourth “.....	59 68
“ “ “Fifth “.....	26 09
“ Department of Public Works.....	168 40
“ Engine-house, High Bridge.....	63 22
“ “ Ninety-eighth street.....	151 65
“ Market, Catharine.....	32 74
“ “ Centre.....	250 95
“ “ Clinton.....	179 37
“ “ Essex.....	79 97
“ “ Fulton.....	364 53
“ “ Jefferson.....	100 80
“ “ Tompkins.....	223 48
“ “ Union.....	8 05
“ “ Washington.....	395 68
“ Office, Corporation Attorney.....	49 36
“ Office, Receiver of Taxes.....	177 28
“ Photometrical Rooms.....	38 70
“ Rivington street yard.....	4 55
“ South Gate-house.....	5 84
“ Streets, Central Gas-light Co.....	14,515 45
“ “ Harlem.....	21,397 39
“ “ Manhattan.....	26,961 68
“ “ Metropolitan.....	17,480 68
“ “ New York.....	14,497 84
“ “ N. Y. Mutual.....	4,014 69
“ “ Northern.....	9,991 66
“ “ Vonkers.....	660 00
Pay-rolls, lighters, etc.....	400 00
Rent of Photometer Rooms.....	162 50
Traveling expenses.....	77 50

Total.....\$121,719 19

Lamps and Gas (Salaries)—

Pay-rolls, Inspectors, etc.....	\$1,924 00
---------------------------------	------------

Laying Croton Pipes—

Drawing instruments.....	\$37 72
Hydrants.....	3,096 00
Laying pipes in Morris avenue, etc.....	120 39
“ Lexington avenue, etc.....	230 97
“ Avenue A, etc.....	634 10
“ Sixty-fourth street.....	423 36
“ One Hundred and Third street.....	234 98
“ One Hundred and Thirty-ninth and One Hundred and Forty-second streets.....	819 59
Pay-rolls, laborers, etc.....	3,588 45
Repairing taps and pipes.....	305 58
Traveling expenses.....	85 40

Total.....\$9,576 54

Laying Croton Pipes (Salaries)—

Pay-rolls, Engineers, etc.....	\$3,603 47
--------------------------------	------------

Laying Croton Pipes for 1880—

Washington and Elm streets, etc.; E. Bradburn, Contractor.....	\$1,556 27
Washington and Beekman streets, etc.; Borstman and Cornwell.....	3,836 67

Total.....\$5,392 94

Public Buildings—Construction and Repairs—

Armory, Ninth Regiment.....	\$4 25
“ Sixty-ninth Regiment.....	31 58
Brown Stone Building.....	1,294 76
Bureau, Repairs and Supplies.....	287 60
City Arsenal.....	62 18
City Hall.....	8,161 76
City Prison.....	195 10
County Jail.....	18 75
Court, Civil, Fourth District.....	122 36
Court, Police, First.....	18 91
“ Fourth “.....	30 96
“ Fifth “.....	180 34
“ Sixth “.....	120 00
Court-house, Third.....	114 94
“ Seventh “.....	113 68
“ Ninth “.....	21 31
“ New.....	2,198 11
Dog Pound.....	277 11
Market, Jefferson.....	349 06
“ Washington.....	459 00
No. 31 Chambers street.....	1,519 13
No. 9 West Thirteenth street.....	26 25
Register Office.....	384 59

\$15,991 73

Public Buildings—Construction and Repairs (Salaries)—

Pay-rolls, Carpenters.....	\$477 00
----------------------------	----------

Public Drinking Hydrants—

Repairing and putting in hydrants.....	\$2,291 97
--	------------

Removing Obstructions in Streets and Avenues

Pay-rolls, laborers.....	\$274 56
Traveling expenses.....	62 50
Trucking.....	713 25

Total.....\$1,050 31

Removing Obstructions in Streets and Avenues (Salaries)—

Pay-rolls, Inspectors.....	\$611 57
----------------------------	----------

Repairing and Renewal of Pipes, Stop-cocks, etc—

Horsekeeping.....	\$57 75
Hydrant boxes.....	1,015 00
Hydrant cups and chains.....	193 75
Hydrants.....	660 00
Lumber.....	1,198 67
Meter seals.....	35 00
Pay-rolls, laborers, etc.....	21,846 05
Repairing hydrants.....	557 50
“ meters.....	136 81
“ roof.....	84 80
Stop-cock boxes and covers.....	290 00
Stop-cocks.....	698 15
Supplies.....	101 27
Tapping cocks and plugs.....	1,425 00
Tools.....	218 93
Traveling expenses.....	52 20
Wood and coal.....	180 00

Total.....\$28,750 88

Repairing and Renewal of Pipes, Stop-cocks, etc. (Salaries)—	
Pay-rolls, Inspectors, etc.	\$18,416 03
Repairs and Renewal of Pavements, and Regrading—	
Bridge stone	\$879 12
Horsekeeping	28 50
Laying pavement	1,562 31
Pay-rolls, laborers, etc.	10,277 34
Relaying pavement	2,018 97
Repairing tool chests	630 00
“ tools	61 25
“ wagon	195 23
Sand	493 75
Tools	613 37
Trucking stones	501 29
Total	\$17,321 13
Repairs and Renewal of Pavements, and Regrading (Salaries)—	
Pay-rolls, Inspectors, etc.	\$6,480 27
Repairs and Renewal of Pavements for 1880—	
Sand	\$575 00
Repaving Streets and avenues (Salaries)—	
Pay-rolls, Inspectors, etc.	\$1,411 64
Repaving streets and avenues for 1880—	
Centre and Marion streets, J. G. Smith, contractor	\$884 44
Front and Walker streets, J. G. Smith, contractor	743 22
Fulton, etc., streets, J. Everard, contractor	1,776 40
Gold, Forty-second, and Twelfth streets, J. Loomam, contractor	1,091 21
Madison and Jefferson streets, W. A. Cumming, contractor	9,303 18
West street, Tenth avenue, etc, J. H. Perkins, contractor	1,139 29
Seventh street and Second avenue, J. Loomam, contractor	16,240 77
Eleventh, Thirteenth, and Gansevoort streets, J. Loomam, contractor	1,263 93
Twenty-second street, Sixth avenue to Hudson railroad, W. A. Cumming, contractor	1,544 05
Fifty-seventh street, Sixth and Seventh avenues, Thos. Murray, contractor	211 54
Seventh and Greenwich avenues, L. W. Johnson, contractor	1,155 09
Tenth avenue, between Twenty-second and Thirty-first streets, D. McGrath, contractor	1,487 44
Total	\$36,840 56
Roads, Streets, Avenues, Unpaved, Maintenance of and Sprinkling—	
Broken stone, etc.	\$1,865 00
Horsekeeping, etc.	84 00
Pay-rolls, laborers, etc.	3,539 93
Road plane and truck	90 00
Stone chips	800 00
Tools	60 50
Total	\$6,439 43
Roads, Streets, and Avenues Unpaved, Maintenance of and Sprinkling (Salaries)—	
Pay-rolls, Foreman	\$366 00
Salaries, Department of Public Works—	
Pay-rolls, Officers, etc.	\$21,276 94
Sewerage System (Salaries)—	
Pay-rolls, Engineers, etc.	\$4,231 75
Sewers, Repairing, and Cleaning—	
Brick and sand	\$92 50
Building basin	202 00
“ manholes	717 15
Cement	31 25
Cleaning sewers	1,625 00
Horsekeeping	84 00
Lumber	42 00
Manhole heads and covers	1,594 61
Pay-rolls, laborers, etc.	6,730 36
Relaying pavement	86 00
Repairing basins	3,131 08
“ sewers	15,169 20
“ wagons	82 00
Supplies	33 24
Tools	182 47
Total	\$29,802 86
Sewers, Repairing and Cleaning (Salaries)—	
Pay-rolls, Engineers, etc.	\$5,862 76
Street Improvements, for Surveying, Monumenting, and Numbering Streets—	
Removing Monument stones	\$15 00
Supplies for and Cleaning Public Offices—	
Armory, Battery “E”	\$37 25
“ “ “K”	222 00
“ 5th Regiment	339 00
“ 7th “	120 00
“ 11th “	57 00
Board of Aldermen	378 53
Brown Stone Building	309 91
Bureau, Repairs and Supplies	1,081 23
City Hall	792 99
Court, Common Pleas	119 43
“ General Sessions	23 17
“ Marine	774 32
“ Special Sessions	35 47
“ Superior	68 52
“ Supreme	6 50
“ Civil, First District	54 56
“ “ Second “	38 00
“ “ Fourth “	123 06
“ “ Fifth “	5 00
“ “ Sixth “	18 50
“ “ Seventh “	27 00
“ “ Eighth “	16 00
“ “ Ninth “	28 76
“ “ Tenth “	11 60
“ Police, First	50 10
“ “ Third “	27 00
“ “ Fourth “	60 46
“ “ Fifth “	53 25
Court-house, Fifth	125 00
“ Ninth “	26 00
“ New	1,184 39
Department of Finance	674 70
“ Public Works	1,039 34
“ Taxes and Assessments	82 70
Ludlow street Jail	22 49
No. 49 Beekman street	45 17
No. 27 Chambers street	7 66
No. 9 West Thirteenth street	3 00

Supplies for and Cleaning Public Offices—	
Office of Assessment Commissioners	\$72 50
“ City Record	128 90
“ Commissioners of Jurors	2 00
“ “ Taxes	16 13
“ Corporation Attorney	6 00
“ “ Counsel	47 00
“ County Clerk	27 50
“ District Attorney	20 25
“ Mayor	47 69
“ Surrogate	48 80
Pay-rolls, Cleaners, etc.	15,105 40
Total	\$23,611 23
Supplies for and Cleaning Public Offices—Salaries—	
Pay-rolls, Janitors, etc.	\$8,288 28
Supplying Water to Shipping, and for Building Purposes—Salaries—	
Pay-rolls, Superintendent, etc.	\$2,036 00
Water Supply for the Twenty-fourth Ward—	
Furnishing water	\$220 80
Water Supply for the Twenty-fourth Ward—Salaries—	
Pay-roll, Inspector	\$94 50
Wells and Pumps—Repairing and Cleaning—	
Repairing and cleaning pumps	\$39 06

RECAPITULATION OF APPROPRIATIONS.

Aqueduct—Repairs, Maintenance, etc.	\$40,464 85
Aqueduct—Repairs, Maintenance, etc—Salaries	10,890 72
Boulevard, Roads, etc., Maintenance, etc.	13,243 05
Boulevard, Roads, etc., Maintenance, etc—Salaries	3,320 55
Contingencies—Department of Public Works	455 58
Croton Water-Main Fund—Taxation, for 1879	600 88
Expense of Laying 4-feet Croton Mains, for 1880	2,309 86
Flagging and Fencing City Property	158 28
Free Floating Baths	5,970 22
Free Floating Baths—Salaries	3,702 50
Fulton Market—Alterations and Repairs	2,657 50
Lamps and Gas	121,719 19
Lamps and Gas—Salaries	1,924 00
Laying Croton Pipes	9,576 54
Laying Croton Pipes—Salaries	3,603 47
Laying Croton Pipes, for 1880	5,392 94
Public Buildings—Construction and Repairs	15,991 73
Public Buildings—Construction and Repairs—Salaries	477 00
Public Drinking Hydrants	2,291 97
Removing Obstructions in Streets and Avenues	1,050 31
Removing Obstructions in Streets and Avenues—Salaries	611 57
Repairing and Renewal of Pipes, Stop-cocks, etc.	28,750 88
Repairing and Renewal of Pipes, Stop-cocks, etc—Salaries	18,416 03
Repairs and Renewal of Pavements, etc.	17,321 13
Repairs and Renewal of Pavements, etc—Salaries	6,480 27
Repairs and Renewal of Pavements, etc., for 1880	575 00
Repaving Streets and Avenues—Salaries	1,411 64
Repaving Streets and avenues, for 1880	36,840 56
Roads, Streets, and Avenues, etc., Maintenance, etc.	6,439 43
Roads, Streets, and Avenues, etc., Maintenance, etc.—Salaries	366 00
Salaries—Department of Public Works	21,276 94
Salaries—Sewerage System	4,231 75
Sewers—Repairing and Cleaning	29,802 86
Sewers—Repairing and Cleaning—Salaries	5,862 76
Street Improvements—For Surveying, etc.	15 00
Supplies for and Cleaning Public Offices	23,611 23
Supplies for and Cleaning Public Offices—Salaries	8,288 28
Supplying Water to Shipping, etc.—Salaries	2,036 00
Water Supply for the Twenty-fourth Ward	220 80
Water Supply for the Twenty-fourth Ward—Salaries	94 50
Wells and Pumps—Repairing and Cleaning	39 06
Total	\$458,492 83

FUNDS AND TRUST ACCOUNTS.

CROTON WATER FUND.

Laying conduit pipe	\$22,702 50
Lumber	58 50
Pay-rolls	13,134 89
Professional services	5,495 00
Printing testimony, etc.	883 27
Rent of mill seat	300 00
Reservoir at Kensico	6,019 37
Right to quarry stone	100 00
Taxes	85 39
Traveling expenses	316 10
Walling, etc., at Lake Gleneida	937 50
Total	\$50,032 52

CROTON WATER-MAIN FUND, NO. 2.

Oiling brick work, etc.	\$175 00
Painting tower, etc.	530 00
Pay-rolls	108 00
Repairing truss	842 09
Total	\$1,655 09

METER STOCK.

Setting water meters	\$8,726 17
Supplying water meters	4,258 90
Total	\$12,985 07

RESTORING AND REPAVING—“SPECIAL FUND.”

Cement	\$57 50
Pay-rolls	2,031 75
Restoring pavement	10,441 00
Sand	200 00
Total	\$12,730 25

STREET IMPROVEMENTS ABOVE FIFTY-NINTH STREET.

Eleventh avenue—	
Pay-rolls Engineers, etc.	\$1,095 21

STREET IMPROVEMENT FUND.

Fencing—		
Sixty-fifth street, at Fifth avenue, P. Larney, Contractor.....	\$94 71	
Eighty-third street, at Ninth avenue, M. Mahony, Contractor.....	313 41	
One Hundred and Fourteenth street, between First and Second avenues, P. Larney, Contractor.....	16 50	
One Hundred and Twenty-third street, at Madison avenue, P. Larney, Contractor.....	85 11	
Flagging—		
Fourth avenue, between Sixty-first and Sixty-second streets, E. Dwyer, Contractor.....	\$28 75	
Fifty-eighth street, between Sixth and Seventh avenues, M. A. Kellogg, Contractor.....	567 46	
Paving—		
Lexington avenue, between Sixty-ninth and Seventieth streets, R. A. Cunningham, Contractor.....	\$31 75	
Lexington avenue, between Ninety-fourth and Ninety-fifth streets, D. McGrath, Contractor.....	84 40	
Fourth avenue, between Sixty-seventh and Seventy-second streets, D. McGrath, Contractor.....	842 60	
Ninth avenue, between Boulevard and Seventy-seventh street, Assawassuc Granite Co., Contractors.....	7,717 50	
Forty-second street, between First avenue and East river, P. H. Fitzgerald, Contractor.....	347 01	
Forty-third street, between First avenue and East river, J. W. Barry, Jr., Contractor.....	129 07	
Forty-seventh street, between Madison avenue and Harlem river, William Kelly, Contractor.....	47 62	
Fifty-sixth street, between Tenth and Eleventh avenues, J. W. Barry, Jr., Contractor.....	247 20	
Sixty-third street, between Eighth and Tenth avenues, J. W. Barry, Jr., Contractor.....	4,304 28	
Sixty-fourth street, between Tenth avenue and Boulevard, J. W. Barry, Jr., Contractor.....	278 87	
Sixty-fifth street, between Eighth and Ninth avenues, W. A. Cumming, Contractor.....	272 30	
Seventy-sixth street, between Second avenue and Avenue A, John Berkery, Contractor.....	432 00	
Eightieth street, between Second avenue and Avenue A, F. McCullough, Contractor.....	3,737 37	
Eighty-first street, between First and Second avenues, D. McGrath, Contractor.....	2,962 96	
Ninety-fourth street, between Lexington and Fourth avenues, F. McCullough, Contractor.....	133 52	
One Hundred and Fourth street, between Fourth and Fifth avenues, D. McGrath, Contractor.....	285 10	
One Hundred and Fifteenth street, between Third and Fourth avenues, P. H. Fitzgerald, Contractor.....	304 50	
One Hundred and Twenty-sixth street, between Seventh and St. Nicholas avenues, J. W. Barry, Jr., Contractor.....	7,074 54	
Regulating, Grading, etc.—		
Fourth avenue, between Ninety-fourth and Ninety-sixth streets, T. F. Kane, Contractor.....	\$2,846 82	
Fourth avenue, between Ninety-sixth and One Hundred and Second streets, T. F. Kane, Contractor.....	5,708 50	
Fourth avenue, between One Hundred and Fifteenth and One Hundred and Sixteenth streets, J. J. Jones, Contractor.....	1,295 77	
Lexington avenue, between Ninety-sixth and Ninety-seventh streets, A. J. Riss, Contractor.....	140 24	
Sixty-first street, between Tenth and Eleventh avenues, W. E. Dean, Contractor.....	1,151 90	
Seventy-first street, between Fifth avenue and East river, T. Gearty, Contractor.....	1,932 00	
Seventy-third street, between Third avenue and East river, P. Farley, Contractor.....	2,436 00	
Ninety-fourth street, between Eighth avenue and Boulevard, J. Slattery, Contractor.....	1,386 00	
Ninety-seventh street, between Eighth avenue and Boulevard, A. J. Riss, Contractor.....	2,248 33	
One Hundred and Twenty-fifth street, between Manhattan street and Boulevard, John Phelan, Contractor.....	2,551 50	
One Hundred and Seventeenth street, between Fifth and Sixth avenues, T. F. Kane, Contractor.....	1,058 40	
Sewers—		
Lexington avenue, between One Hundred and Tenth and One Hundred and Fifteenth streets, J. F. Gallagher, Contractor.....	\$3,055 20	
Madison avenue, between One Hundred and Tenth and One Hundred and Thirteenth streets, J. D. Moore, Contractor.....	213 75	
Mount Morris avenue, between One Hundred and Twenty-third and One Hundred and Twenty-fourth streets, L. Rock, Contractor.....	63 00	
Fourth avenue, between Tenth and Charles streets, J. B. Healy, Contractor.....	758 64	
Fifth avenue, between Fifty-fifth and Fifty-ninth streets, J. Baird, Contractor.....	5,310 40	
Ninth avenue, east of Morningside Park, W. E. Dean, Contractor.....	1,025 70	
Tenth avenue, between Eighty-third and Ninety-second streets, P. T. Masterson, Contractor.....	2,288 87	
Front street, between Dover and Roosevelt streets, R. A. Cunningham, Contractor.....	91 50	
Jackson street, between Grand and Madison streets, L. Rock, Contractor.....	58 80	
Prince street, between Broadway and Crosby street, J. B. Healy, Contractor.....	560 57	
Suffolk street, between Delancey and Rivington streets, W. E. Dean, Contractor.....	1,434 64	
Washington street, between Gansevoort and Twelfth streets, J. Mulholland, Contractor.....	65 70	
Water street, between Roosevelt and James streets, J. F. Smith, Contractor.....	110 40	
West street, between Spring and Eleventh streets, J. Baird, Contractor.....	11,580 80	
Forty-third street, between Second and Third avenues, J. Everard, Contractor.....	183 30	
Sixty-eighth, Sixty-ninth, and Seventieth streets, between Avenue A and First avenue, J. McDonald, Contractor.....	448 50	
Sixty-ninth street, between Eighth and Ninth avenues, J. Mulholland, Contractor.....	1,965 43	
Seventy-third street, between Eighth and Tenth avenues, J. G. Smith, Contractor.....	514 80	
Seventy-sixth street, between Eighth and Tenth avenues, Hayden & Curry, Contractors.....	2,832 69	
Eightieth street, between Tenth avenue and Boulevard, R. H. Tracy, Contractor.....	2,853 20	
Eightieth and Eighty-first streets, between Avenues A and B, M. P. H. Casey, Contractor.....	3,020 74	
Eighty-first street, between Tenth avenue and summit east, J. J. Jones, Contractor.....	1,087 38	
Eighty-second street, between First avenue and Avenue B, M. P. H. Casey, Contractor.....	1,550 31	
Eighty-second street, at Avenue A, M. H. Moore, Contractor.....	150 40	
Ninety-sixth street, between Fifth and Madison avenues, J. F. Gallagher, Contractor.....	119 40	
One Hundred and Third street, between Third and Lexington avenues, J. D. Moore, Contractor.....	155 70	
One Hundred and Twenty-eighth street, between Second and Third avenues, P. Mulholland, Contractor.....	206 40	
One Hundred and Twenty-eighth street, between Seventh and Eighth avenues, J. F. Gallagher, Contractor.....	1,899 30	

Sewers—

One Hundred and Thirty-fifth street, between Fifth avenue and Hudson river, E. Bradburn, Contractor.....	\$5,460 39
One Hundred and Fifty-eighth street, at Hudson river, M. H. Moore, Contractor.....	3,549 56
Inspectors—Paving.....	\$52,615 47
“Regulating, Grading, etc.....	969 50
“Sewers.....	4,494 00
Engineers—Sewers.....	4,140 00
Surveyors’ Fees.....	4,990 35
“.....	2,841 09
Total.....	\$123,144 40

RECAPITULATION OF TRUST ACCOUNTS.

Croton Water Fund.....	\$50,032 52
Croton Water-man Fund, No. 2.....	1,055 09
Meter Stock.....	12,985 07
Restoring and Repaving.....	12,730 25
Street Improvements above Fifty-ninth street.....	1,095 21
Street Improvement Fund.....	123,144 40
Total.....	\$201,642 54

GENERAL SUMMARY.

Appropriations.....	\$458,492 83
Funds and Trust Accounts.....	201,642 54
Grand Total.....	\$660,135 37

Document “C.”

Contracts entered into during the Three Months ending June 30, 1881.

DATE.	NATURE AND LOCATION OF WORK.	CONTRACTOR.	SURETIES.	ESTIMATED COST.
1881.	Regulating and Grading Contracts.			
June 13	Regulating, grading, etc., Ninety-eighth street, from Third to Fourth avenue.....	Michael Finn, Ave. A and 58th st..	Timothy Donovan, 412 E. 114th street.. Michael Kane, 126 E. 70th street...	\$8,205 00
“ 13	Regulating, grading, etc., Ninetieth street, from Fourth to Fifth avenue.....	A. Dowdney, 28 E. 75th street....	J. D. Crimmins, 40 E. 63th street.... Thos. Crimmins, 252 E. 60th street....	6,101 50
“ 25	Regulating, grading, etc., One Hundred and Twelfth street, from Madison to Sixth avenue.....	John Phelan and N. Houghton, 127 E. 16th street....	James Fay, 558 Greenwich street Robert B. Worney, 100 E. 26th street....	10,359 50
“ 25	Regulating, grading, etc., One Hundred and Twenty-first street, Sixth to Seventh avenue.....	John Phelan and N. Houghton, 127 E. 16th street....	James Fay, 558 Greenwich street Robert B. Worney, 100 E. 26th street....	3,336 00
“ 25	Regulating, grading, etc., Eighty-first street, from Boulevard to Riverside drive.....	Thomas L. Butler and Thos J. Reilly, 154 E. 48th street...	Thomas Reilly, 1021 First avenue... Patrick Reilly, 324 E. 56th street....	8,828 90
				\$36,830 90
	Sewer Contracts.			
“ 6	Sewer in Water street, between Dover and Roosevelt streets.....	James Everard, Hoffman House.....	Sheridan Shook, B'way and 14th st... Charles Guidet, 41 Park avenue.....	\$1,465 00
“ 6	Sewer in One Hundred and Twenty-third street, between Fourth and Madison avenues.....	James Everard, Hoffman House.....	Sheridan Shook, B'way and 14th st... Charles Guidet, 41 Park avenue.....	2,385 50
“ 6	Sewer in One Hundred and first street, between Tenth avenue and Boulevard.....	James Everard, Hoffman House.....	Sheridan Shook, B'way and 14th st... Charles Guidet, 41 Park avenue.....	1,687 50
“ 13	Sewer in Sixty-eighth street, between Eighth avenue and Boulevard....	J. D. Nutt and Patrick Kerrins, 34 John street.....	Charles Jones, Prospect ave., 163d st Matthew Baird, 306 E. 57th street....	10,447 25
“ 13	Sewer in Seventy-eighth street, between Ninth and Tenth avenues....	J. D. Nutt and Patrick Kerrins, 34 John street.....	Charles Jones, Prospect ave., 163d st Matthew Baird, 306 E. 57th street....	9,102 00
“ 13	Ninth avenue, east side, between One Hundred and Forty-eighth and One Hundred and Fifty-second streets, etc., etc.....	J. D. Nutt and Patrick Kerrins, 34 John street.....	Charles Jones, Prospect ave., 163d st Matthew Baird, 306 E. 57th street....	5,410 75
“ 10	Sewer in Lexington avenue, between Thirty-eighth and Thirty-ninth streets, from end of present sewer.....			
“ 15	Sewer in First avenue, between Forty-sixth and Forty-seventh streets.....	C. J. McKim, 326 E. 58th street...	James Williams, 442 E. 57th street... M. B. Flynn, 242 E. 12th street....	4,210 00
“ 15	Sewer in Second avenue, east side, between Sixtieth and Sixty-first streets, and west side, between Sixty-first and Sixty-second streets.....	C. J. McKim, 326 E. 58th street...	James Williams, 442 E. 57th street... M. B. Flynn, 242 E. 12th street....	2,571 00
“ 17	Sewer in Eighty-fifth street, between Eighth and Ninth avenues.....	John Slattery, 788 Fourth avenue..	A. J. Kerwin, 58th st. and 3d ave.. P. H. Slattery, 161st st., Concord ave	5,544 00
“ 21	Sewer in Fifteenth street, between Irving place and Fourth avenue, from end of present sewer in Fifteenth street.....	John McQuade, 138 Lexington ave...	James Lynch, 118 E. 88th street... Geo. N. Manchester, 321 E. 116th street..	4,458 00
“ 23	Sewer in Eighty-second street, between Eighth and Tenth avenues....	P. N. R. H. Casey, 1523 First avenue...	Michael Casey, 1523 First avenue... Fred. J. Schroeder, 1642 Second avenue.	16,500 00
“ 23	Sewer in First avenue, between Twenty-first and Twenty-fourth streets.....	James Slattery, 207 W. 57th street...	W. Hullman, 349 W. 53d street... Henry Tene, 114th st. and 10th ave.	7,125 00
“ 25	Sewer in Ninety-sixth and Ninety-seventh streets, between Third and Lexington avenues.....	Abraham Dowdney, 28 E. 75th street...	Thos. Crimmins, 252 E. 60th street... John D. Crimmins, 45 E. 68th street....	10,942 50
“ 28	Sewer in One Hundred and Eightieth street, between Sixth and Seventh avenues.....	D. K. Gallagher, 306 E. 112th street..	Robert Boyd, 350 E. 82d street.... Thomas McManus, 709 Lexington ave...	2,280 00
“ 28	Sewer in One Hundred and Ninetieth street, between Sixth and Seventh avenues.....	D. K. Gallagher, 306 E. 112th street..	Robert Boyd, 350 E. 82d street.... Thomas McManus, 709 Lexington ave...	2,857 50
				\$86,986 00
	Paving Contracts.			
“ 23	Paving Fifth avenue, from Ninety-second to One Hundred and Tenth street, with Macadam pavement.)	James Everard, Hoffman House.....	A. J. Dittenhoeffer, 291 Broadway..... Sheridan Shook, B'way and 14th st...	\$39,852 10
	Awarded under Chap. 476, Laws of 1875.			
“ 2	Paving Seventh street, from Fourth avenue to Avenue A, with trap-block pavement.....	Denis McGrath, Weehawken, N. J....	James Slattery, 207 W. 57th street... Joseph Kersir, 556 W. 41st street...	\$12,080 50

DATE.	NATURE AND LOCATION OF WORK.	CONTRACTOR.	SURETIES.	ESTIMATED COST.
June 6	Paving Ann street, between Broadway and Gold street; Frankfort street, between Nassau and Jacob streets; Jacob street, between Frankfort and Ferry streets; and Front street, between Fulton and Roosevelt streets, with granite-block pavement.....	Wm. A. Cumming, Stamford, Conn.....	Alexander Milne, 413 E. 29th street... James Mulry, 309 E. 12th street...	\$22,538 20
" 6	Paving Rivington street, between Bowery and Clinton street, with trap-block pavement.....	Wm. A. Cumming, Stamford, Conn.....	Alexander Milne, 413 E. 29th street... James Mulry, 309 E. 12th street...	11,953 50
" 6	Paving Avenue A, between Twenty-third and Twenty-fourth streets; Rutherford place, between Fifteenth and Sixteenth streets; Eighth street, between Avenue B and D; and Gouverneur street, between Grand and Water streets, with trap-block pavement.....	Thomas Gearty, 415 E. 83d street....	M. Regan, 484 Third avenue... Patrick Sheehy, 251 E. 83d street....	18,678 30
" 6	Paving Thirty-third street, between Lexington and First avenues, with granite-block pavement.....	L. W. Johnson, 414 W. 34th street...	David Babcock, 32 Broadway..... John G. Smith, 329 W. 48th street...	13,350 90
" 6	Paving First avenue, between Twenty-third and Thirtieth streets, with granite-block pavement.....	John G. Smith, 329 W. 48th street...	David Babcock, 32 Broadway..... L. W. Johnson, 414 W. 34th street...	26,070 50
" 22	Paving Thirtieth street, between Eighth avenue and Broadway, and Fifteenth street, between Second and Third avenues, with granite-block pavement.....	James W. Barry, Jr., 363 Fifth avenue....	John Lynch, 304 Eighth avenue... Henry Reilly, 422 W. 42d street...	20,572 50
" 24	Paving One Hundred and Twenty-fourth street, from First to Third avenues, with Macadam pavement.....	James Everard, Hoffman House.....	Sheridan Shook, B'way and 14th st... John Nesbit, 213 Lexington ave...	6,739 20
" 24	Paving One Hundred and Twenty-second street, between Second and Third avenues, and One Hundred and Twenty-ninth street, between Third and Sixth avenues, with trap-block pavement.....	Thomas Murray, 130th st., near 10th avenue.....	T. F. Tone, 130th st., North river Caspar Handell, 133d st. and 8th ave.	21,382 00
" 30	Paving Avenue A, between Houston and Seventh streets, with granite-block pavement.....	James W. Barry, Jr., 363 Fifth avenue....	C. C. Ellis, 443 Ninth avenue... James Fitzpatrick, 529 W. 42d street...	18,785 00
" 30	Paving Christopher street, between Greenwich avenue and West street, with granite-block pavement.....	James W. Barry, Jr., 363 Fifth avenue....	C. C. Ellis, 443 Ninth avenue... James Fitzpatrick, 529 W. 42d street...	27,332 00
<i>Miscellaneous Contracts.</i>				\$199,492 60
May 7	Painting the Eight Free Floating Baths.....	C. W. Jessup, 247 Division street...	Patrick O'Connor, 58 Sheriff street.... Moses Nehrbach, 433 Grand street....	\$1,837 00
" 25	Furnishing and Lighting with Electric Light of the Voltaic Arc System, Broadway, from Fourteenth to Thirty-fourth streets; Fifth avenue, from Fourteenth to Thirty-fourth street; Fourteenth street, from Fourth to Fifth avenue; Thirty-fourth street from Broadway to Fifth avenue; also Union and Madison parks.....	The Brush Electric Illuminating Co., W. L. Strong, President...	W. A. Wheelock, 13 W. 48th street... W. L. Strong, 25 W. 30th street...	7,400 00
June 28	Cast Iron Water-pipes, branches, and special castings.....	Theodore Sturgis, Brooklyn.....	Percy R. Pyne, 25 E. 2d street.... Samuel Sloan, 21 W. 17th street...	46,725 00
" 9	Alteration to sewer in Fifth avenue, between Sixty-ninth and Seventieth streets.....	L. Rock, 459 W. 40th street...	Bernard Maloney, 123 E. 116th street..	900 00
" 9	Sewer in Lexington avenue, between Thirty-eighth and Thirty-ninth streets, from end of present sewer in Lexington avenue.....	G. Palmer, 49 E. 78th street....	Bernard Maloney, 123 E. 116th street..	800 00
May 31	Fencing vacant lots on west side of Seventy-eighth street, between Fourth and Madison avenues, and on west side of Fourth avenue, between Seventy-eighth and Seventy-ninth streets.....	Patrick Larney, 325 E. 38th street....		138 64
" 31	Fencing vacant lots on block bounded by Eighty-first and Eighty-second streets, Madison and Fifth avenues.....	Patrick Larney, 325 E. 38th street....		272 16
				\$2,110 80

RECAPITULATION.

Five regulating and grading contracts.....	\$36,830 90
One paving contract.....	86,986 00
Eleven paving contracts, awarded under chap. 476, Laws of 1875.....	139,492 60
Three miscellaneous contracts.....	55,962 00
Four sewer and fencing contracts, amounting to less than \$1000 each.....	2,110 80
Thirty-nine contracts, etc.....	\$421,231 40

Contracts completed during the Three Months ending June 30, 1881.

DATE.	NATURE AND LOCATION OF WORK.		COST.
1881.			
April 6	Outlet sewer	In One Hundred and Thirty-fifth street, between Harlem and Fifth avenue, with connections to present sewer.....	\$20,295 53
" 8	Fencing vacant lots.....	On east side of Fifth avenue, from Sixty-fifth to Sixty-sixth street, and on west side of Sixty-fifth street and south side of Sixty-sixth street, east of Fifth avenue.....	111 58
" 20	Sewer.....	In Suffolk street, between Delancey and Rivington street.....	1,841 32
" 20	Regulating, grading, etc....	Four feet wide in Sixty-first street, from the west curb of Tenth avenue to the east curb of Eleventh avenue.....	1,703 20
May 6	Paving	In Prince street, between Broadway and Crosby street.....	708 61
" 21	Sewer.....	Eightieth street, from Second avenue to Avenue A, with trap-block pavement.....	6,851 77
" 7	Sewer.....	In Eightieth street, between Tenth avenue and Boulevard.....	3,784 14
" 16	Regulating, grading, etc....	Fourth avenue, from One Hundred and Fifteenth to One Hundred and Sixteenth street	1,586 16
" 16	Sewer.....	In West Fourth street, between West Tenth and Charles streets	998 55
" 18	Paving	Sixty-third street, from Eighth to Tenth avenue, with trap-block pavement.....	7,761 28
" 20	Paving.....	One Hundred and Twenty-sixth street, from Seventh avenue to Avenue St. Nicholas, with trap-block pavement.....	7,832 80
" 20	Regulating and grading....	Lexington avenue, from Ninety-sixth to Ninety seventh street.	916 99
" 23	Regulating and grading....	Four feet wide in Fourth avenue, from Ninety-fourth to Ninety-sixth street.....	3,444 07
" 31	Flagging.....	North and south sidewalks of Fifty-eighth street, between Sixth and Seventh avenues.....	621 76
June 4	Paving	In Eighty-second street, at Avenue A.....	276 44
" 10	Sewer.....	Eighty-first street, from easterly crosswalk of Second avenue to the westerly crosswalk of First avenue.....	3,417 78
" 24	Fencing vacant lots.....	In Lexington avenue, between One Hundred and Tenth and One Hundred and Fifteenth streets.....	3,822 61
" 24	Fencing vacant lots.....	On block bounded by Madison and Fifth avenues, Eighty-fifth and Eighty-sixth streets	216 66
" 29	Fencing vacant lots.....	On both sides of Forty-fifth street, between Ninth and Tenth avenues	55 50
May 10	Paving	Madison street, between Clinton and Grand streets ; and Jefferson street, between Division and South streets, with trap-block pavement.....	19,463 47
June 1	Paving	Seventh street, between Avenue A and East river, with trap-block pavement.....	22,130 33
" 7	Laying Croton-mains.....	For Aqueduct purposes in Tenth avenue, Eighty-fifth street, and Central Park, from Ninety-third street to aqueduct in Central Park.....	22,292 82
Total.....			\$130,133 47

RECAPITULATION.

Seven sewer contracts.....	\$31,727 30
Four regulating and grading contracts.....	7,650 42
Four paving contracts.....	25,863 63
Two paving contracts, awarded under chap. 476, Laws of 1875.....	41,593 80
One Croton-main contract.....	22,292 82
Four flagging and fencing.....	1,005 50
Twenty-two contracts.....	\$130,133 47

Document "D."

DEPARTMENT OF PUBLIC WORKS,
BUREAU OF CHIEF ENGINEER, ROOM 10, No. 31 CHAMBERS STREET,
NEW YORK, July 11, 1881.

Hon. HUBERT O. THOMPSON, Commissioner of Public Works:

SIR—I have the honor to submit the following report for the quarter ending June 30, 1881.

During the quarter there has been expended in this Bureau, for work done and materials furnished, and for which bills have been transmitted, as follows:

Aqueduct—Repairs, Maintenance and Strengthening.....	\$41,068 39
Aqueduct—Repairs, Maintenance and Strengthening—"Salaries".....	8,794 20
Croton Water Fund.....	56,317 02
Croton Water-main Fund, No. 2.....	1,017 09
Croton Water-main Fund, from Taxation.....	600 88
Contingencies—Department Public Works.....	39 35
Expenses Laying 4-foot Main.....	2,309 86
Laying Croton Pipes.....	10,427 47
Laying Croton Pipes—"Salaries".....	3,016 99
Meter Stock.....	14,932 22
Repairing and Renewal of Pipes, Stop-cocks, etc.....	6,697 08
Repairing and Renewal of Pipes, Stop-cocks, etc.—"Salaries".....	12,660 45
Supplying Water to Shipping and Building—"Salaries".....	2,036 00
Water Supply for the Twenty-fourth Ward.....	220 80
Water Supply for the Twenty-fourth Ward, 1880.....	431 16
Total.....	\$160,568 96

STORAGE RESERVOIRS.

The Croton river has furnished a full supply of water to the Aqueduct during the quarter, and from ten to sixteen inches running over Croton Dam.

All of the Reservoirs and Lakes are full, except Lakes Gilead and Gleneida.

The roads around South East Reservoir have been put in order.

The work of walling and paving and improving the outlet of Lake Mahopac has been carried on with a full force.

The mill and machinery of the Red Mills were sold at auction June 14, 1881, and they will be removed.

Rain-fall.

	APRIL.	MAY.	JUNE.	TOTAL INCHES.
Boyd's Corners Reservoir.....	1.67	3.74	5.72	11.13
South East Reservoir.....	1.20	3.89	4.62	9.71
Kensico.....	0.96	2.99	5.36	9.41

The Commission for Appraising Damages along the Muscoot river, by the taking of Lakes Kirk and Mahopac, have had two meetings during the quarter, and will, in a few days, make their award.

BRONX RIVER SUPPLY.

The Commission appointed to appraise the value of lands and damages to same for a reservoir at Kensico, for a conduit line from Kensico to between Hartsdale and Scarsdale, and for a reservoir at Rye Ponds, have made their award as to the lands for a reservoir at Kensico, and the award was confirmed by the Supreme Court, May 28, 1881; they have closed the testimony preparatory to making an award for the lands for a conduit line from Kensico to Hartsdale, and have taken testimony as to water rights in and to Rye Ponds.

The searching of the titles of the lands for the balance of the conduit lines to Jerome avenue, and for a reservoir at Williamsbridge are nearly completed, and a petition is now being prepared by the Counsel to the Corporation to the Supreme Court, to appoint Commissioners to appraise the values of and damages to the same; as to several of the parcels of land required, no one can give title; the owners of other parcels would rather leave the value to Commissioners, and others ask an excessive price for same.

The maps of the Byram river surveys are being completed as fast as the searches of titles and description of lands required are obtained and defined.

The following work has been done during the quarter ending June 30, 1881, at the reservoir at Kensico.

8 cubic yards rock excavation.
7,790 cubic yards earth excavation.
1,960 cubic yards embankment.
31 cubic yards cut stone masonry.
1,429 cubic yards stone masonry.
22 cubic yards brick masonry.
252 cubic yards concrete masonry.
1,899 lineal feet fence wall.
420 lineal feet round timber.
8,950 feet B. M. lumber and plank.
160 wrought iron.
—and on conduit pipe-line between Bronxville and Woodlawn.
814 tons straight pipe delivered on work.
74 tons branches and special castings.
2,100 cubic yards rock excavation.
2,800 cubic yards earth excavation.
2,600 cubic yards embankment.
70 cubic yards dry stone wall.
2,300 lineal feet of 48-inch pipe laid.

Aqueduct, Repairs, Maintenance and Strengthening.

The work done during the quarter ending June 30, 1881, was as follows:

The culverts, drains and ditches of the aqueduct were cleaned and put in order, and the grass and bushes have been cut and cleaned away all along the line.

The inspector of the Croton river and tributaries, has caused the removal of all material on the shores that might be deemed injurious to the water, and reports the streams as being free from nuisances.

In addition to the above, on eleven miles of the First and Second Division, telegraph poles have been erected on which the wire will be placed in a few days.

This telegraph when constructed, will give independent means of communication between the Croton dam and the office at Yonkers, from thence connection can be made with the city by means of a telephone wire which is now in operation.

An unusual amount of cleaning, pointing and painting has been accomplished in the gate-houses, keepers' houses and tower at High Bridge; and also on the bridges and gate-houses of the Central Park Reservoir.

The following table gives a detailed statement of special repairs and reinforcement of the conduit along the first six divisions of the Croton Aqueduct.

Estimate of Work done for the Quarter ending June 30, 1881.

DIVISION.	MASONRY ARCH STRENGTHENING.		MASONRY CULVERTS BUILT.		TOTAL MASONRY.	EARTH EXCAVATION.			RETAINING DRY WALLS AND CULVERTS.		FENCE BUILT.
	Lineal Feet.	Cubic Yards.	Lineal Feet.	Cubic Yards.		STRIP-PING ARCH.	GRADING EMBANKMENT.	TOTAL.	Lineal Feet.	Cubic Yards.	
First.....	65	50	....	....	50	332	300	632	....	10	....
Second.....	273	223	....	....	223	1,405	293	1,698	....	17	684
Third.....	498	451	....	....	451	2,545	949	3,494	....	....	175
Fourth.....	300	270	....	....	270	1,533	1,344	2,877	....	....	850
Fifth.....	156	120	15	22	142	990	7,470	8,460	566	1,335	....
Sixth.....	225	174	....	....	174	1,639	4,278	5,917	850	283	....
Total....	1,519	1,288	15	22	1,310	8,444	14,631	23,075	1,416	1,645	1,709

LAYING CROTON PIPES.

Pipes have been laid during the quarter in the following streets and avenues :
Morris avenue, between One Hundred and Twentieth and One Hundred and Twenty-fourth streets.

Sixty-fourth street, between Ninth and Tenth avenues.
One Hundred and Third-street, between Third and Lexington avenues.
Avenue A, between Fifty-Fifth and Fifty-seventh streets.
Lexington avenue, between One Hundred and Third and One Hundred and Fourth streets.
One Hundred and Forty-second street, between Third and Ryder avenues.
One Hundred and Thirty-ninth street, between Willis and Brook avenues.
Morris avenue, between One Hundred and Sixty-fourth and One Hundred and Sixty-fifth streets.
One gang of men have been employed placing hydrants where called for by the Fire Department.

Amount of Pipe Laid.

12-inch pipe.....	3,616 feet
6 " ".....	5,806 "
Total lineal feet.....	9,422

Hydrants placed, 77.

The work of laying 4-foot Croton Mains for aqueduct purposes have been completed and water is now running through same to supply the old reservoir.

The high-service engines at High Bridge and at Ninety-eighth street have steadily performed their work. Amount pumped per day, 11,000,000 gallons.

The examination of buildings for defective plumbing and waste has been continued, as shown by following report :

Waste of Water from April 1 to June 30, 1881.

DISTRICTS.	Whole Number of Buildings Inspected.	Number in which Plumbing was Defective or Water Wasted.	FAUCETS.		WATER CLOSETS OR URINALS.		HYDRANTS IN YARD.		Pipes Burst.	Ball Cocks Wanted.
			Leak.	Waste.	Leak.	Waste.	Leak.	Waste.		
First.....	316	54	34	3	3	7	8	2	1	..
Third.....	10	2	2	..	..	1	..	..	..	..
Fifth.....	386	102	46	..	12	..	3	..	..	..
Sixth.....	535	58	51	21	4	13	9	5	..	..
Seventh.....	32	..	..	..	..	..	..	..	..	..
Eighth.....	513	42	27	3	2	1	..	2	..	..
Ninth.....	2,168	80	19	1	1	1	..	1	..	..
Tenth.....	931	105	141	3	18	..	..	..	..	..
Eleventh.....	1,127	208	25	..	10	..	17	..	..	..
Twelfth.....	978	15	1	..	..	..	2	4	..	..
Thirteenth.....	868	64	316	2	2	..	1	3	..	..
Fourteenth.....	760	27	42	..	..	..	8	..	..	..
Fifteenth.....	787	52	27	4	4	3	1	..	..	..
Seventeenth.....	1,105	109	6	5	..	..	..	..	..	..
Eighteenth.....	1,128	41	4	..	..	..	1	..	..	..
Nineteenth.....	870	12	31	1	2	..	..	2	..	2
Twentieth.....	761	8	229	6	16	2	5	1	..	..
Twenty-first.....	269	51	31	2	2	..	..	..	..	..
Twenty-second.....	202	18	2	2	..	..	2	..	1	1
Twenty-third.....	1,325	416	308	30	15	11	4	..	..	3
WARDS.										
Twenty-third & Twenty-fourth.....	1,083	100	100	10	..	20	..	6	..	..
Total.....	14,404	1,564	1,442	93	91	59	61	26	2	6

The placing of meters has been continued.

Number of Meters placed during the quarter.....	443
Number of Meters now in use.....	4,658

The inspection of the pipes and hydrants along the wharves, piers and bulkheads, and of the use of water for shipping and building purposes has been steadily carried on. During the quarter there has been issued—

13 permits to engines on wharves, amounting to.....	\$880 80
262 " for building purposes, ".....	9,242 60
172 " for shipping, ".....	6,782 08
By meter.....	11,485 58

Total..... \$28,391 06

The season having been, until the past two weeks, wet and cool, a fair pressure has been kept up throughout the city ; but since, the pressures have been gradually falling off, so that a large number of houses have lost at least one story in height to which the water would flow, although all the water the aqueduct can convey is delivered to the consumers daily.

I desire to call attention to the following results of an examination of the pumping machinery of the high-service works at High Bridge :

The pumps at High Bridge raise about 4,000,000 gallons per day to an elevation of 100 feet, with a consumption of 12,300 pounds of coal, while the pumps at the new Ninety-eighth street works raise about 8,000,000 gallons per day to an elevation of seventy-five feet with but 9,260 pounds of coal.

The comparative efficiency of these pumps is as follows : the duty performed at the Ninety-eighth street works is about 54,000,000 pounds raised one foot with 100 pounds of coal, while the duty at the High Bridge Works is little less than 29,000,000 pounds raised one foot with 100 pounds of coal.

To recapitulate in tabular form :

HIGH BRIDGE WORKS.

Amount of coal consumed to pump 4,000,000 gallons 100 feet high.....	12,300 pounds.
Amount of coal that would be required to pump 4,000,000 gallons 100 feet high, with pumps of efficiency equal to those at Ninety-eighth street Works.....	6,200 "

Saving in coal..... 6,100 pounds.

Or, 1,023 tons per year, which at \$5 per ton amounts to \$5,115 per year; to this should be added the saving in oil and other stores, estimated at \$750, which would be effected by the use of pumps similar to those at Ninety-eighth street ; the total saving by such a change would therefore be \$5,865 per annum.

I estimate that it will cost \$25,000 to take out one of the present engines at High Bridge and replace it with an engine similar to those at Ninety-eighth street, set up complete ready for operation. One of the old engines could remain, to be used in case of accident to the proposed new engine.

As the saving in fuel and other items would amount in little over four years to the total cost of a new engine, I would recommend that the change suggested be made as soon as practicable.

Respectfully submitted,

ISAAC NEWTON, Chief Engineer.

Document "E."

DEPARTMENT OF PUBLIC WORKS,
WATER PURVEYOR'S OFFICE, 31 CHAMBERS STREET, ROOM 1,
NEW YORK, July 15, 1881.

Hon. HUBERT O. THOMPSON, Commissioner of Public Works :

SIR—I have the honor to report to you the transactions of this Bureau for the months of April, May, and June, 1881, as follows :

REPAIRING PIPES, STOP-COCKS, ETC.

During the three months just passed the work under the above head has been promptly and well done. Complaints from all sources have had immediate attention, and the public has suffered no inconvenience caused by breaks in the water mains or fire-hydrants.

REPAIRS AND RENEWAL OF PAVEMENTS.

This work was begun about the middle of May by the organization of twenty-four companies, which number was increased, until now thirty-four companies, which are scattered throughout the city, are at work.

The numerous complaints received from all sections of the city are attended to as quickly as possible in the order in which they are received, except in the case of places reported dangerous, when immediate repairs in all cases are made.

The substitution of the new stone block pavement in many of the streets for the old cobble pavement is making the work of repairs to pavements more satisfactory, and enables me to cover a much larger area, since so much time and labor is necessarily expended in repairing the latter. It is to be hoped that all of the cobble left will speedily be removed.

REPAVING UNDER CHAP. 476, LAWS OF 1875.

The two contracts under this head uncompleted last year have now been finished, and work on five of this year's contracts is progressing. The extent of the pavement to be laid under the contracts repaving let and to be let this year, will be about seven and one-half miles, which when completed, with the work of this kind heretofore done, will show in the greatly improved condition of many of the important thoroughfares the wisdom of the requests of this Department for large appropriations for this work.

The increased price of labor and materials will preclude the Department from doing as much work the present season for a given sum of money as it has been able to for the past few years, the difference in prices being about fifteen per centum increase this year over last.

PUBLIC DRINKING HYDRANTS.

These hydrants are being repaired whenever reported out of order, and a few new ones are erected where most needed in different parts of the city. A great deal of attention is required to keep the hydrants for man and beast in good order, their liability to become broken or the flow of water in them impeded, being very great. I am happy to be able to report that during the past quarter fewer complaints in regard to them have been received than during the same quarter in any previous year.

The following shows the number of men employed on the different appropriations with amounts of pay rolls on each.

MONTHS. 1881.	REPAIRS AND RENEWAL OF PAVEMENTS, ETC.				REPAIRS AND RENEWAL OF PIPES, STOP-COCKS, ETC.				LAYING CROTON PIPES.			
	No. of Men.	Labor.	No. of Men.	Salaries.	No. of Men.	Labor.	No. of Men.	Salaries.	No. of Men.	Labor.	No. of Men.	Salaries.
April....	14	\$594 05	12	\$762 00	77	\$4,105 58	9	\$912 73	10	\$513 78	3	\$218 99
May.....	150	4,178 71	62	2,608 07	78	4,352 68	9	1,012 30	10	492 02	3	200 37
June.....	339	13,379 67	125	6,835 85	80	4,282 28	9	978 37	9	144 31	2	72 02
Total..	503	\$18,152 43	199	\$10,205 92	235	\$12,740 54	27	\$2,903 46	29	\$1,150 11	8	\$491 98

The number of vault permits issued during the quarter was fifty-six, for which was received the sum of thirty-one thousand and fifty-four dollars and twenty-eight cents.

Respectfully,

DANIEL O'REILLY, Water Purveyor.

Document "F."

DEPARTMENT OF PUBLIC WORKS,
OFFICE OF ENGINEER IN CHARGE OF SEWERS,
NO. 31 CHAMBERS STREET, ROOM 9,
NEW YORK, July 7, 1881.

Hon. HUBERT O. THOMPSON, Commissioner of Public Works :

SIR—In compliance with your instructions, I beg leave to hand you herewith a report of the transactions of this office for the quarter ending June 30, 1881.

Respectfully,

STEVENSON TOWLE,
Engineer in Charge of Sewers.

REPORT OF THE TRANSACTIONS OF THE OFFICE OF THE ENGINEER IN CHARGE OF SEWERS FOR THE QUARTER ENDING JUNE 30, 1881.

Credits to General Fund—

Amount received for 404 permits for sewer connections..... \$8,385 14

Engineers' Fees—

Amount of Engineers or Surveyors' fees assessed on property benefited ; charged on Assessment Lists and credited to Street Improvement Fund..... \$1,154 62

Sewers—Repairing and Cleaning—

Balance on hand March 31, 1881..... \$76,921 18

Vouchers transmitted to the Commissioner of Public Works—

Pay-rolls of laborers..... \$6,879 28
Special repairs..... 22,910 28
Materials and sundries..... 1,206 67
Balance on hand June 30, 1881..... 45,924 95
76,921 18

Salaries—Sewers—Repairing and Cleaning—

Balance on hand, March 31, 1881..... \$28,875 26

Vouchers transmitted to the Commissioner of Public Works—

Pay-rolls, Inspectors, etc..... \$5,862 76
Balance on hand, June 30, 1881..... 23,012 50
28,875 26

Salaries—Sewerage System—

Balance on hand, March 31, 1881..... \$9,669 85

Vouchers transmitted to the Commissioner of Public Works—

Pay-rolls of Engineers, etc..... \$3,103 81
Balance on hand, June 30, 1881..... 6,566 04
9,669 85

Work done by Mechanics and Laborers—William Webb, Foreman—

- 1 new bulkhead built.
- 11 lineal feet of new gutter stone laid.
- 113 lineal feet of new curb set.
- 16 lineal feet of curb reset.
- 288 square feet of flagging relaid.
- 96 square feet of new flagging laid.
- 1,775 square yards pavement relaid.
- 168 cubic feet of stone wall built.
- 5,996 cubic yards of earth excavated and refilled.
- 2,637 cart loads of dirt and stone removed.

Work done by Contract—

6,918 lineal feet of sewer built.
67 lineal feet of culvert built.
3 receiving basins built.

Making the present total length of sewerage in the city 1,997,983 linear feet, (378 40-100 miles) with 4,576 receiving basins.

Document "G."

DEPARTMENT OF PUBLIC WORKS,
BUREAU OF STREET IMPROVEMENTS, ROOM 5, 31 CHAMBERS ST.,
NEW YORK, July 8, 1881.

Hon. HUBERT O. THOMPSON, Commissioner of Public Works :

SIR—In compliance with your instructions, I beg to hand you herewith a report of the transactions of the Bureau of Street Improvements, for the quarter ending June 30, 1881.

Respectfully,
GEO. A. JEREMIAH,
Superintendent of Street Improvements.

Statement of Works in Progress in the Bureau of Street Improvements, on the 30th day of June, 1881.

LOCATION OF WORK.	CONTRACTOR.	SURVEYOR.	INSPECTOR.	CONTRACT TIME.	ESTIMATED COST.	EARNED.	AMOUNTS RETAINED.	PAID.	REMARKS.
Regulating, Grading, Curb, Gutter, and Flagging—									
Fourth avenue, Ninety-sixth street to One Hundred and Second street.	Thomas F. Kane.....	W. V. Smith.....	W. S. Edwards.....	150 days.	\$17,100 00	\$17,961 00	\$5,388 30	\$12,572 70	
Seventieth street, Eighth avenue to Tenth avenue.....	John Brady.....	M. Lovell.....	J. J. Fitzgerald.....	300 "	18,305 00	15,000 00	4,500 00	10,500 00	
Seventy-first street, Fifth avenue to East river.....	Thomas Gearty.....	W. V. Smith.....	G. W. Nash.....	120 "	6,536 00	2,760 00	828 00	1,932 00	
Seventy-third street, Third avenue to East river.....	Patrick Farley.....	W. V. Smith.....	J. Lawrence.....	300 "	40,397 00	19,594 00	5,878 20	13,715 80	
Eighty-first street, Boulevard to Riverside drive.....	Butler and Reilly.....	H. V. M. Dennis.....	J. E. Kraft.....	150 "	8,328 90	.....	.....	.....
Ninety-fourth street, Eighth avenue to Boulevard.....	James Slattery.....	F. E. Towle.....	J. McNany.....	200 "	12,661 10	3,660 00	1,188 00	2,772 00	
Ninety-fifth street, Lexington avenue to Fifth avenue.....	James Williams.....	F. E. Towle.....	E. Roach.....	100 "	7,114 50	6,592 50	1,977 75	4,614 75	
Ninety-seventh street, Eighth avenue to Boulevard.....	Albert J. Riss.....	W. V. Smith.....	A. Moser.....	170 "	14,462 50	8,570 00	2,571 00	5,999 00	
Ninety-eighth street, Eighth avenue to Boulevard.....	Thomas L. Butler.....	W. V. Smith.....	D. C. Tefft.....	150 "	8,242 50	.....	.....	.....
Ninety-eighth street, Third avenue to Fourth avenue.....	Michael Finn.....	F. E. Towle.....	Ch. M. Jeroloman.....	100 "	8,205 00	.....	.....	.....
Ninety-eighth street, Fourth avenue to Fifth avenue.....	A. Dowdney.....	M. A. Kellogg.....	John Brown.....	350 "	6,101 50	.....	.....	.....
One Hundred and First street, Ninth avenue to New avenue.....	Charles Devlin.....	M. A. Kellogg.....	Patrick Brown.....	300 "	4,932 40	.....	.....	.....
One Hundred and Twelfth street, Madison avenue to Sixth avenue.....	Phelan & Haughton.....	W. V. Smith.....	Not yet appointed.....	320 "	10,350 50	.....	.....	.....
One Hundred and Thirteenth street, Fourth avenue to Fifth avenue.....	Joseph F. Gallagher.....	W. V. Smith.....	J. J. Finley.....	100 "	2,955 00	.....	.....	.....
One Hundred and Seventeenth street, Fifth avenue to Sixth avenue.....	Thomas F. Kane.....	W. V. Smith.....	R. J. Wilkinson.....	175 "	5,741 00	3,052 00	915 60	2,136 40	
One Hundred and Twenty-first street, Sixth avenue to Seventh avenue.....	Phelan & Haughton.....	John E. Eustis.....	Not yet appointed.....	90 "	3,351 00	.....	.....	.....
One Hundred and Twenty-fifth street, Manhattan street to Boulevard.....	John Phelan.....	W. V. Smith.....	P. H. Kedney.....	450 "	17,911 47	7,830 00	2,349 00	5,481 00	
One Hundred and Fifty-third street, St. Nicholas avenue to Tenth avenue.....	James Reilly.....	E. E. McLean.....	Israel H. Kinch.....	60 "	910 00	.....	.....	.....
<i>Special Contracts.</i>									
Regulating and Grading—									
Ninth avenue, One Hundred and Fiftieth street to avenue St. Nicholas.	James Reilly.....	W. V. Smith.....	.....	20 "	633 50	.....	.....	.....
Flagging—									
Ninth avenue, Seventy-first street to Seventy-second street	Michael Mahony.....	F. E. Towle.....	.....	20 "	554 88	.....	.....	.....
Fencing Vacant Lots—									
North side Fifty-eighth street, Sixth avenue to Seventh avenue.....	Michael Mahony.....	E. E. McLean.....	.....	20 "	178 25	.....	.....	.....
South side Fifty-ninth street, Seventh avenue to Sixth avenue.....	Michael Mahony.....	E. E. McLean.....	.....	20 "	150 55	.....	.....	.....
North side Seventy-eighth street, Fourth avenue to Madison avenue, etc.	Patrick Larney.....	E. E. McLean.....	.....	20 "	140 64	.....	.....	.....
Eighty-first and Eighty-second street, Madison and Fifth avenues.....	Patrick Larney.....	W. V. Smith.....	.....	20 "	272 16	.....	.....	.....
Boulevard and Avenues—Regulating, Grading, Curb, Flagging, etc.—									
Eleventh avenue, One Hundred and Fifty-fifth street to Kingsbridge road.....	Michael Noonan.....	G. E. Babcock.....	J. L. Florence.....	300 "	65,523 20	53,545 60	16,063 68	37,481 92	
Total.....					\$261,413 55	\$138,865 10	\$41,659 53	\$97,205 57	

AMOUNT OF WORK DONE DURING THE QUARTER ENDING JUNE 30, 1881.

Earth excavation, cubic yards.....	9,926.34
Rock " "	9,888.49
Filling furnished	41,479.03
Curbstones set, lineal feet.....	2,699.43
Flagging laid, square feet.....	14,349.18
Picket fence built, lineal feet.....	1,023.23

In Front of City Property—

Picket fence, lineal feet.....

AMOUNT OF VOUCHERS DRAWN.

On account of—	
Street Improvement Fund, contracted for after June 9, 1880.....	\$23,207 25
“ “ June 9, 1880.....	3,582 75
Street Improvements above Fifty-ninth street, June 9, 1880.....	947 11
Contingencies—Department of Public Works.....	62 50
Street improvements, for surveying, monumenting, and numbering of streets.....	15 00
Flagging sidewalks, and fencing vacant lots in front of City property.....	581 49
Flagging sidewalks, and fencing vacant lots in front of City property, appropriation 1880.....	52 08
Total.....	<u>\$28,448 18</u>

WORKS COMPLETED.

Regulating, Grading, etc.—		
Lexington avenue, from Ninety-sixth to Ninety-seventh street.....	\$916 99	
Fourth avenue, from Ninety-fourth to Ninety-sixth street.....	3,444 07	
Fourth avenue, from One Hundred and Fifteenth to One Hundred and Sixteenth street.....	1,586 16	
Sixty-first street, from Tenth to Eleventh avenues.....	1,703 20	
		\$7,650 42
Flagging—		
Fifty-eighth street, from Sixth to Seventh avenue.....		621 76
Fencing Vacant Lots—		
Madison and Fifth avenues, Eighty-fifth and Eighty-sixth streets....	\$216 66	
East side Fifth avenue, Sixty-fifth and Sixty-sixth streets, etc.....	111 58	
North side Forty-fifth street, Ninth and Tenth avenues.....	55 50	
		383 74
Total		\$8,655 02

APPROPRIATIONS.

Flagging Sidewalks and Fencing Vacant Lots in Front of City Property—	
Appropriation, 1881.....	\$1,500 00
Amount of vouchers drawn.....	581 49
Balance June 30, 1881.....	<u>\$918 51</u>

Street Improvements for Surveying, Monumenting, and Numbering of Streets--

Appropriation, 1881.....		\$1,250 00
Amount of voucher drawn.....	\$15 00	
Outstanding liabilities, estimated.....	139 16	

Balance June 30, 1881.....	\$1,095 84
----------------------------	------------

NEW YORK, June 30, 1881.

GEO. A. JEREMIAH,
Sup't of Street Improvements.

Document "H."

DEPARTMENT OF PUBLIC WORKS,
BUREAU OF STREETS AND ROADS, NO. 31 CHAMBERS STREET,
NEW YORK, July 13, 1881.

HUBERT O. THOMPSON, Esq., *Commissioner of Public Works:*

SIR—In compliance with your instructions, I have the honor to submit my report of the transactions of the Bureau of Streets and Roads for the quarter ending June 30, 1881.

The severe winter weather, which extended into March, delayed the commencement of the much needed repairs to the Macadam roadways, now under the charge of this bureau, but the work was taken in hand as early as possible, and steadily prosecuted. A marked improvement in the condition of these drives has already taken place, and before the close of the season, they will all be in good condition.

The following is the principal repairs on the Macadam roadways:
Fifth avenue, from Seventieth to Seventy-third street, has been resurfaced and is now in good condition.

Sixth avenue, from One Hundred and Tenth street to Harlem river, has been repaired and resurfaced with earth and gravel, and is now in good condition.

Seventh avenue, from One Hundred and Tenth street to Harlem river has been repaired and resurfaced with earth and gravel, and is in good condition.

Tenth avenue, from One Hundred and Fifty-fifth to One Hundred and Eightieth street has been cleaned and resurfaced with broken stone and gravel, and is in good condition.

One Hundred and Forty-fifth street, from Eighth to Tenth avenue, has been repaired and resurfaced with lime-stone chips, soil, and gravel, with the exception of four feet on each side where the Macadam has been removed, and the gutters paved with cobble stones, curb stones have been laid at right angles with the street, at distances of about fifteen feet, to prevent the washing-out of the cobble stones.

Several blocks on the Western boulevards have been repaired and resurfaced with trap rock, gravel and soil, and are now in good condition.

Avenue St. Nicholas, from One Hundred and Tenth street to One Hundred and Fifty-fifth street, has been partly resurfaced, and is also now in good condition.

All the monitors have been thoroughly repaired and painted, and several relined throughout.

The Following is the Amount Appropriated and Expended for the First and Second Quarters.

Amount Appropriated for Boulevards, Roads, and Avenues, Maintenance of, for 1881 . . .	\$66,200 00
Amount expended for First Quarter	6,000 27

Balance April 1	\$60,190 73
-----------------------	-------------

Amount expended for Second Quarter is as follows :

Cleaning Roads and Gutters.....	\$3,471 29
Cleaning Basins.....	151 80
Cultivating Trees.....	228 80
Repairing Monitors, etc.....	520 68
Sprinkling.....	2,590 88
Material.....	3,665 45
Spreading Gravel, Broken Stone, and Soil.....	532 55
Repairing Roads and Gutters.....	3,789 80

Total expended for Quarter..... \$14,951 25

Balance July 1, 1881..... \$45,239 48

At present the labor force consists of 3 foremen, 5 skilled laborers, 58 laborers, 2 carts, 27 two-horse teams, 1 blacksmith, 2 carpenters, 1 painter, 1 steam engineer, 1 rodman, 1 watchman, and 1 messenger.

The following is the amount appropriated and expended for the first and second quarters :

Amount appropriated for Boulevards, Roads, and Avenues, Maintenance of, and for "Incidental Surveys, Salaries Account," for 1881.....	\$8,800 00
Amount expended for first quarter.....	3,174 93

Balance April 1..... \$5,625 07

Amount expended for second quarter is as follows :

Pay-roll of Engineer, Foreman, etc., for April.....	\$836 73
" " " " May.....	808 90
" Rodman " " June.....	701 62

Total expended for quarter..... 2,347 25

Balance July 1, 1881..... \$3,277 82

The following is a statement of the amount expended, the force employed, quantities of material used, and quantities of material excavated over sewer and water connections on the Macadam boulevards, Streets, and Avenues during the quarter ending June 30, 1881, and charged to the account of Restoring and Repaving Special Fund.

The following is the amount expended :

Pay-rolls of Foremen, Skilled Laborers, Laborers, Teams, and Horses and Carts.

Pay-roll for April.....	\$63 60
" May.....	99 45
" June 15.....	135 70
" June 30.....	275 81

Total for quarter ending June 30, 1881..... \$574 55

Quantities of material used was as follows :

13 cubic yards of sharp gravel.

39 " broken stone.

25 " Telford.

Quantities of material excavated was :

48 cubic yards of earth.

The following is the force employed during the quarter ending June 30, 1881 :

1 inspector, 1 foreman, 1 skilled laborer, 6 laborers, 2 two-horse teams, and 2 horses and carts.

The following is the principal work done on the unpaved streets, roads, and avenues :

Repairing Eighty-fourth street, from Tenth avenue to the Boulevard.

Repairing Eighty-sixth street, from Fourth to Fifth avenue.

Repairing Eighty-sixth street, from Boulevard to Riverside drive.

Repairing Eighty-seventh street, from Boulevard to Riverside drive.

Repairing Eighty-seventh street, from Fourth to Fifth avenue.

Repairing Eighty-eighth street, from Fourth to Fifth avenue.

Repairing Eighty-ninth street, from Fourth to Madison avenue.

Repairing Ninety-first street, from Fourth to Fifth avenue.

Repairing Ninety-third street, from Ninth avenue to the Boulevard.

Repairing Ninety-fourth street, from Fourth to Fifth avenue.

Repairing One Hundred and First street, from Boulevard to Riverside drive.

Repairing One Hundred and Second street, from Fifth to Madison avenue.

Repairing One Hundred and Fourth street, from Eighth avenue to Boulevard.

Repairing One Hundred and Seventh street, from Fifth to Madison avenue.

Repairing Fifth avenue, from One Hundred and Third to One Hundred and Tenth street.

Repairing Fourth avenue, from One Hundred and One Hundred and Second street.

Repairing Tenth avenue, from One Hundred and Forty-second to One Hundred and Fifty-fifth street.

Repairing Tenth avenue, from Ninety-third to One Hundred and Twelfth street.

Repairing Ninth avenue, from One Hundred and One Hundred and Fourth street.

Repairing Inwood lane, from Kingsbridge road to Hudson river, with large broken stone, gneiss, and lime-stone chips.

Repairing Farmer's bridge road, from Kingsbridge road to Harlem river, with broken stone, gneiss, and lime-stone chips.

Repairing Kingsbridge road, from One Hundred and Sixty-second street to Kingsbridge, with broken stone, lime-stone chips, and sharp gravel.

New culverts have been built on One Hundred and Forty-third street, from Tenth avenue to Boulevard, also rebuilt and extended culverts on Kingsbridge road and on Eleventh avenue.

In addition to the Macadam roads, twenty-five miles in length, the following roads, streets, and avenues have been sprinkled :

Tenth avenue, from One Hundred and Forty-fourth street to One Hundred and Fifty-fifth street.

One Hundred and Fifty-fourth street, from Seventh to Eighth avenue.

McComb's Dam road, from One Hundred and Forty-fifth street to Harlem river.

Avenue St. Nicholas, from One Hundred and Fifty-fifth to One Hundred and Sixty-third street.

Kingsbridge road, from One Hundred and Sixty-second street to Kingsbridge.

Farmer's bridge road, from Kingsbridge road to Harlem river.

Inwood lane, from Kingsbridge road to Hudson river.

At present the labor force consists of 1 foreman, 17 laborers, 2 carts, and 7 two-horse teams.

The following is the amount appropriated and expended for the first and second quarters of the appropriation of Roads, Streets, and Avenues, Unpaved, Maintenance of and Sprinkling.

Amount appropriated for 1881..... \$29,100 00

" expended for the first quarter..... 3,727 31

Balance April 1..... \$25,372 69

Amount expended for second quarter, is as follows :

Pay-roll of laborers, etc., for two weeks ending April 15..... \$533 57

" " " " 30..... 539 30

" " " " May 15..... 649 67

" " " " 31..... 732 58

" " " " June 15..... 653 51

" " " " 30..... 686 95

William McDonald, broken stone..... 850 00

" lime-stone chips..... 800 00

" broken stone..... 935 00

" building stone..... 80 00

James J. Mooney, horse keep and shoeing..... 168 00

Motley & Sterling, striking hammer, handles, and shovels..... 60 50

P. Daly, repairing tools, etc., January, February and March..... 82 85

Total expended for quarter..... \$6,771 93

Balance July 1, 1881..... \$18,600 76

The following is the amount appropriated and expended for the first and second quarters of the appropriation of Roads, Streets, and Avenues Unpaved, Maintenance of and Sprinkling, "Salaries Act."

Amount appropriated for 1881..... \$900 00

" expended for first quarter..... 267 00

Balance April 1..... \$633 00

Amount expended for second quarter is as follows :

Pay-roll of foremen, for the month of April.....	\$90 00
" " " May.....	93 00
" " " June.....	90 00
Total expended for quarter.....	\$273 00
Balance July 1, 1881.....	\$360 00

Respectfully,

JAMES J. MOONEY,
Superintendent of Streets.

Document "I."

DEPARTMENT OF PUBLIC WORKS,
BUREAU OF LAMPS AND GAS,
NEW YORK, July 15, 1881.

Hon. HUBERT O. THOMPSON, Commissioner of Public Works :

SIR—In compliance with your directions, I herein submit a report of the transactions of the Bureau of Lamps and Gas for the quarter ending June 30, 1881.

In Exhibit "A" will be found a statement showing the amounts paid for gas to the various public markets, offices, armories, etc., and for the lighting and maintenance of the public lamps. Exhibit "B" is a summary of the appropriation for "Lamps and Gas," showing an expenditure during the quarter of one hundred and twenty thousand four hundred and forty dollars and twenty-eight cents (\$120,440.28), and for the six months of two hundred and one thousand eight hundred and fifty-three dollars and seventy-five cents (\$201,853.75), with liabilities amounting to forty-four thousand two hundred and sixty dollars and fifty-seven cents (\$44,260.57), leaving an available balance of two hundred and eighty-three thousand eight hundred and eighty-five dollars and sixty-eight cents (\$283,885.68). Exhibit "C" is a summary of the appropriation for "Salaries—Lamps and Gas," and shows an expenditure during the quarter of fourteen hundred and thirty-nine dollars and fifty cents (\$1,439.50), and for the six months of twenty-eight hundred and seventy-two dollars (\$2,872), leaving an available balance of twenty-five hundred and twenty-eight dollars (\$2,528). Exhibit "D" is a summary of the "Lamp Account," and shows the number of new lamps lighted, old lamps relighted, and lamps discontinued by each gas company during the quarter; the total number of gas lamps lighted on June 30 was 23,468, and the total number of electric lamps 22; the net increase of gas lamps during the quarter being 125. Exhibit "E" is a statement showing the lowest, highest, and average illuminating power of the gases supplied by the several gas-light companies during the quarter.

The following table will show the amount of impurities found in the gases of the several companies by the analyses made by Dr. E. G. Love, our Gas Examiner, in the laboratories of this Department :

OF WHAT COMPANY.	SULPHUR. Grs. in 100 cu. ft.)	AMMONIA. Grs. in 100 cu. ft.)	SULPHURETTED HYDROGEN.
New York Gas-light Co.....	9.86	Trace.	None.
Manhattan Gas-light Co.....	9.14	5.55	"
New York Mutual Gas-light Co.....	3.11	0.32	Occasional.
Municipal Gas-light Co.....	2.71	Trace.	None.
Metropolitan Gas-light Co.....	17.73	4.85	"
Harlem Gas-light Co.....	32.40	0.39	Occasional.

The tests for the above were made with the "Referee's" apparatus; the amount of gas burned for each test was ten cubic feet, the volume being corrected to the standard barometric pressure of thirty inches of mercury, and the temperature of sixty degrees Fahr.

The following shows the specific gravity of the gases :

New York Gas-light Company, specific gravity.....	.625 to .686
Manhattan Gas-light Company, ".....	.402 to .420
N. Y. Mutual Gas-light Company, ".....	.730 to .802
Municipal Gas-light Company, ".....	.643 to .656
Metropolitan Gas-light Company, ".....	.564 to .593
Harlem Gas-light Company, ".....	.436 to .447

The following will show the average maximum and minimum pressure on the mains of the several gas companies during the quarter, as recorded on the pressure registers in the photometrical rooms of this Department, the average being taken from the night pressure :

OF WHAT COMPANY.	AVERAGE MAXIMUM PRESSURE.	AVERAGE MINIMUM PRESSURE.	WHERE TAKEN.	DISTANCE FROM GAS-WORKS.
	Inches.	Inches.		
New York Gas-light Co.....	1.53	1.41	Grand and Centre streets.....	2 4-100 miles
Manhattan Gas-light Co.....	1.74	1.20	" ".....	1 33-100 "
New York Mutual Gas-light Co....	2.31	1.84	" ".....	1 79-100 "
Municipal Gas-light Co.....	2.66	1.21	" ".....	3 50-100 "
Metropolitan Gas-light Co.....	1.95	0.88	{ Seventy-ninth street, between Second and Third avenues.. }	3 33-100 "
Harlem Gas-light Co.....	2.77	1.52	{ Seventy-ninth street, between Second and Third avenues.. }	1 75-100 "

Contracts for the lighting and maintenance of the public lamps for the term of one year, commencing May 1, 1881, and ending April 30, 1882, have been entered into, as follows :

CONTRACTOR.	For Gas to and Lighting each Lamp. Per Year.	FOR WHAT DISTRICT.	Price Paid from 1880 to 1881.
New York Gas-light Co.....	\$17 50	All the city south of Grand street.....	\$15 00
Manhattan Gas-light Co.....	17 50	Between Grand and Thirty-fourth streets.....	15 00
Metropolitan Gas-light Co.....	17 50	{ A portion of city between Thirty-fourth and Seventy- ninth streets..... }	15 00
New York Mutual Gas-light Co....	17 50	{ A portion of the city between Thirty-fourth and Sev- enty-ninth streets, and Washington and Tompkins parks, and Jackson square..... }	15 00
Harlem Gas-light Co.....	19 50	All the city between Seventy-ninth street and Harlem river.	17 00
Central Gas-light Co.....	29 00	All the Twenty-third Ward.....	45 00
Northern Gas-light Co.....	32 00	The Twenty-fourth Ward, formerly West Farms.....	50 00
Yonkers Gas-light Co.....	30 00	The Twenty-fourth Ward, formerly town of Kingsbridge..	30 00
Brush Electric Illuminating Co....	7,400 00	{ Broadway and Fifth avenue, from Fourteenth to Thirty- fourth street; Fourteenth street, from Fourth to Fifth avenue; Thirty-fourth street, from Fifth avenue to Broadway, and Union and Madison parks..... }	

All of which is respectfully submitted,

S. MCCORMICK, Superintendent of Lamps and Gas.

EXHIBIT "A."

Statement showing the Amounts on Vouchers drawn for Gas to the various Public Markets, Armories, Offices, etc., and for Fitting up, Repairing, and Lighting the Public Lamps, etc., for the Quarter ending June 30, 1881.

Washington Market.....	\$355 77
Catharine Country Market.....	18 91
Catharine Meat Market.....	10 33
Fulton Meat Market.....	105 89
Fulton Country Market.....	238 87
Essex Market.....	71 92
Centre Market.....	229 43
Clinton Market.....	160 99
Union Market.....	7 00
Tompkins Market.....	205 45
Jefferson Market.....	94 50
First District Police Court.....	163 80
Second District Police Court.....	57 59
Third District Police Court.....	74 54
Fourth District Police Court.....	52 33
Fifth District Police Court.....	20 70
Court of Special Sessions.....	36
Second District Civil Court.....	10 67
Fourth District Civil Court.....	11 91
Fifth District Civil Court.....	7 17
Sixth District Civil Court.....	6 99
Eighth District Civil Court.....	2 80
Ninth District Civil Court.....	4 05
Brown Stone (Court Room) Building.....	32 90
New Court-house.....	938 17
City Hall.....	410 73
Department of Public Works.....	142 10
Receiver of Taxes, Office.....	148 40
Corporation Attorney, Office.....	42 71
Pipe Yard, Rivington street.....	3 15
County Jail.....	513 46
Clock Tower, Third District Court-house.....	285 42
South Gate House.....	3 14
Engineer of Boulevards, Office.....	22
Engine House, High Bridge.....	62 99
Engine House, Ninety-eighth street.....	149 40
Photometrical Room, Grand street.....	12 29
Photometrical Room, Seventy-ninth street.....	14 39
Armory, Fifth Regiment.....	99 93
Armory, Seventh Regiment.....	577 51
Armory, Eighth Regiment.....	148 22
Armory, Ninth Regiment.....	253 57
Armory, Eleventh Regiment.....	55 48
Armory, Twelfth Regiment.....	181 66
Armory, Twenty-second Regiment.....	385 00
Armory, Sixty-ninth Regiment.....	228 02
Armory, Seventy-first Regiment.....	141 40
Armory, Gatling Battery "E".....	43 74
Armory, Battery "B".....	19 08
Armory, Battery "K".....	4 19
Public Bath, Battery.....	4 90
Public Bath, Gouverneur slip.....	13 13
Public Bath, Fifth street, East river.....	6 83
Public Bath, Bethune street.....	6 47
Public Bath, Nineteenth street, East river.....	2 45
Public Bath, Thirty-seventh street, East river.....	3 67
Public Bath, Fifty-first street, North river.....	5 43
Public Bath, One Hundred and Twelfth street, East river.....	8 78
Lighting Public Markets, pay-rolls.....	285 00
Cleaning Photometrical Room, pay-rolls.....	15 00
New lamp-posts.....	740 25
New street-lamps.....	900 00
New Boulevard lamps.....	1,400 00
New crossheads.....	222 00
New lamp-irons.....	190 00
New street signs.....	57 42
Drawing materials.....	8 12
Iron bolts.....	2 00
Traveling expenses.....	77 70
Photometrical Room, Grand street, rent.....	87 50
Photometrical Room, Seventy-ninth street, rent.....	75 00
Fitting up new lamps.....	290 00
Fitting up new lamps, Twenty-third and Twenty-fourth Wards.....	40 00
Resetting and repairing lamp-posts.....	1,263 00
Resetting and repairing lamp-posts, Twenty-third and Twenty-fourth Wards.....	68 00
Lighting public lamps.....	82,799 28
Lighting public lamps, Twenty-third and Twenty-fourth Wards.....	25,059 11
Total.....	\$120,440 28

RECAPITULATION.

Gas to public buildings.....	\$6,860 90
Supplies for public lamps, etc.....	4,959 99
Fitting up new lamps.....	290 00
Fitting up new lamps, Twenty-third and Twenty-fourth Wards.....	40 00
Resetting and repairing lamp-posts.....	1,263 00
Resetting and repairing lamp-posts, Twenty-third and Twenty-fourth Wards.....	68 00
Lighting public lamps.....	82,799 28
Lighting public lamps, Twenty-third and Twenty-fourth Wards.....	25,059 11
Total.....	\$120,440 28

EXHIBIT "B."

Summary of the Appropriation for "Lamps and Gas" for 1881, showing the Balance against which no Vouchers have been drawn, with the Amount of Liabilities against the Appropriation, for the Quarter ending June 30, 1881.

Amount appropriated for "Lamps and Gas" for 1881.....	\$530,000 00
Amount of vouchers drawn during the quarter ending March 31.....	\$81,413 47
Amount of vouchers drawn during the quarter ending June 30.....	120,440 28
	201,853 75
Balance against which no vouchers have been drawn.....	\$328,146 25

LIABILITIES.

New York Gas-light Co., lighting public lamps, month of June.....	\$5,667 07
Manhattan Gas-light Co., lighting public lamps, month of June.....	10,587 11
Metropolitan Gas-light Co., lighting public lamps, month of June.....	6,606 92
N. Y. Mutual Gas-light Co., lighting public lamps, month of June.....	1,506 42
Harlem Gas-light Co., lighting public lamps, month of June.....	7,922 81
Central Gas-light Co., lighting public lamps, month of June.....	4,743 96
Northern Gas-light Co., lighting public lamps, month of June.....	2,906 66
Yonkers Gas-light Co., lighting public lamps, month of June.....	220 00
Brush Electric Light Co., lighting public lamps, month of June.....	400 00
American Meter Co., photometrical apparatus.....	158 62
Gold's Heater Co., 100 street-lamps.....	300 00
J. L. Mott Iron Works, lamp-posts, etc., for Mayor's residence.....	326 00
" " lamp cluster for Harry Howard square.....	100 00
" " 100 lamp-posts.....	950 00
" " 50 lamp-posts, Twenty-third and Twenty-fourth Wards.....	450 00
" " 300 lamp irons.....	230 00
" " 100 lamp irons, Twenty-third and Twenty-fourth Wards.....	70 00

J. L. Mott Iron Works, lamp cluster for Houston street square.....	\$75 00
Francis McEntee, granite base for Houston street square.....	50 00
John Matthews, 3,100 glass street signs.....	590 00
Bartlett Lamp Co., 100 Boulevard globes and lamp tops.....	400 00
	\$44,260 57
Balance available June 30, 1881.....	\$283,885 68

EXHIBIT "C."

Summary of the Appropriation for "Lamps and Gas—Salaries chargeable to," for 1881, showing the Balance against which no Vouchers have been drawn, for the Quarter ending June 30, 1881.

Amount appropriated for "Lamps and Gas—Salaries" for 1881.....	\$5,400 00
Amount of pay-rolls for the month of January.....	\$477 50
Amount of pay-rolls for the month of February.....	470 50
Amount of pay-rolls for the month of March.....	484 50
Amount of pay-rolls for the month of April.....	481 00
Amount of pay-rolls for the month of May.....	477 50
Amount of pay-rolls for the month of June.....	481 00
	2,872 00
Balance available June 30, 1881.....	\$2,528 00

EXHIBIT "D."

Summary of the "Lamp Account," showing the number of New Lamps Lighted, Old Lamps Relighted, and number Discontinued by each Gas Company, during the Quarter ending June 30, 1881.

NEW YORK GAS-LIGHT COMPANY.	
Number of lamps burning March 31, 1881.....	3,567
Number of new lamps lighted during the quarter.....	18
Number of old lamps relighted during the quarter.....	6
Less lamps discontinued during the quarter.....	3,591
	27
Number of lamps burning June 30, 1881.....	3,564
MANHATTAN GAS-LIGHT COMPANY.	
Number of lamps burning March 31, 1881.....	6,705
Number of new lamps lighted during the quarter.....	11
Number of old lamps relighted during the quarter.....	24
Less lamps discontinued during the quarter.....	6,740
	8
Number of lamps burning June 30, 1881.....	6,732
METROPOLITAN GAS-LIGHT COMPANY.	
Number of lamps burning March 31, 1881.....	4,305
Number of new lamps lighted during the quarter.....	42
Number of old lamps relighted during the quarter.....	2
Less lamps discontinued during the quarter.....	4,349
	8
Number of lamps burning June 30, 1881.....	4,341
NEW YORK MUTUAL GAS-LIGHT COMPANY.	
Number of lamps burning March 31, 1881.....	1,010
Number of new lamps lighted during the quarter.....	14
Number of old lamps relighted during the quarter.....	1,024
Less lamps discontinued during the quarter.....	1,024
Number of lamps burning June 30, 1881.....	1,024
HARLEM GAS-LIGHT COMPANY.	
Number of lamps burning March 31, 1881.....	4,730
Number of new lamps lighted during the quarter.....	25
Number of old lamps relighted during the quarter.....	7
Less lamps discontinued during the quarter.....	4,762
	10
Number of lamps burning June 30, 1881.....	4,752
CENTRAL GAS-LIGHT COMPANY.	
Number of lamps burning March 31, 1881.....	1,848
Number of new lamps lighted during the quarter.....	29
Number of old lamps relighted during the quarter.....	1
Less lamps discontinued during the quarter.....	1,878
	1
Number of lamps burning June 30, 1881.....	1,877
NORTHERN GAS-LIGHT COMPANY.	
Number of lamps burning March 31, 1881.....	1,090
Number of new lamps lighted during the quarter.....	1,090
Number of old lamps relighted during the quarter.....	1,090
Less lamps discontinued during the quarter.....	1,090
Number of lamps burning June 30, 1881.....	1,090
YONKERS GAS-LIGHT COMPANY.	
Number of lamps burning March 31, 1881.....	88
Number of new lamps lighted during the quarter.....	88
Number of old lamps relighted during the quarter.....	88
Less lamps discontinued during the quarter.....	88
Number of lamps burning June 30, 1881.....	88
BRUSH ELECTRIC ILLUMINATING COMPANY.	
Number of lamps burning March 31, 1881.....	22
Number of new lamps lighted during the quarter.....	22
Number of old lamps relighted during the quarter.....	22
Less lamps discontinued during the quarter.....	22
Number of lamps burning June 30, 1881.....	22
Total number of lamps burning June 30, 1881.....	23,490
RECAPITULATION.	
Total number of lamps burning March 31, 1881.....	23,365
Number of new lamps lighted during the quarter.....	125
Number of old lamps relighted during the quarter.....	54
	179
Less lamps discontinued during the quarter.....	23,544
	54
Total number of lamps burning June 30, 1881.....	23,490

EXHIBIT "E."

Statement giving the Illuminating Power of the Gas supplied by the several Gas-light Companies during the Quarter ending June 30, 1881, as shown by the Daily Observations at the Photometrical Rooms of the Department of Public Works.

FOR WHAT TIME.	NEW YORK GAS CO.			MUNICIPAL GAS CO.			N. Y. MUTUAL GAS CO.			METROPOLITAN GAS CO.			MANHATTAN GAS CO.			HARLEM GAS CO.		
	ILLUMINATING POWER IN CANDLES.			ILLUMINATING POWER IN CANDLES.			ILLUMINATING POWER IN CANDLES.			ILLUMINATING POWER IN CANDLES.			ILLUMINATING POWER IN CANDLES.			ILLUMINATING POWER IN CANDLES.		
Week Ending—	Lowest.	Highest.	Average.	Lowest.	Highest.	Average.	Lowest.	Highest.	Average.	Lowest.	Highest.	Average.	Lowest.	Highest.	Average.	Lowest.	Highest.	Average.
April 2.....	26.36	27.19	26.97	29.78	31.38	30.50	27.12	28.78	27.80	22.23	23.92	22.92	18.63	19.60	19.10	17.76	18.68	18.41
" 9.....	23.41	27.22	25.42	30.10	30.39	30.30	26.24	30.18	28.18	22.37	24.31	22.04	19.12	20.46	19.70	17.41	18.90	18.20
" 16.....	26.54	27.88	27.11	30.63	31.71	31.08	27.13	28.09	27.68	23.36	24.02	23.82	19.24	20.12	19.74	19.30	19.76	19.62
" 23.....	24.48	27.13	26.28	30.80	32.84	31.51	27.37	28.03	27.60	22.95	24.16	23.74	19.92	21.54	20.95	19.09	20.39	19.62
" 30.....	26.12	28.06	27.27	31.10	31.58	31.28	26.46	27.86	27.32	23.25	24.30	23.81	20.65	21.44	21.10	19.23	20.18	19.59
May 7.....	24.49	26.40	25.71	30.63	31.49	31.09	26.75	29.38	28.42	24.27	26.37	25.49	20.48	21.50	20.97	19.93	20.58	20.23
" 14.....	27.02	28.48	27.92	30.49	32.33	31.13	26.72	29.32	28.31	25.72	26.40	26.11	20.74	21.33	21.12	19.73	20.56	20.07
" 21.....	24.51	28.83	26.38	29.74	31.04	30.45	26.32	28.19	27.17	24.03	24.80	24.41	19.26	20.27	19.77	18.48	19.42	18.75
" 28.....	27.09	28.14	27.63	30.76	32.15	31.25	24.93	29.25	27.65	23.86	25.41	24.82	19.36	20.73	19.83	19.71	20.46	20.13
June 4.....	22.29	28.03	25.19	29.54	31.19	30.68	25.04	28.08	26.77	24.55	26.00	25.13	18.53	21.51	19.93	19.32	21.31	19.97
" 11.....	24.54	27.75	25.91	29.53	30.55	30.12	24.93	27.77	26.03	24.40	26.59	25.40	18.58	20.15	19.29	19.31	21.18	19.71
" 18.....	20.17	27.18	24.36	28.85	29.88	29.40	24.61	27.68	25.89	23.07	25.18	24.13	18.68	20.42	19.37	18.86	19.51	19.28
" 25.....	24.70	28.21	27.05	29.30	30.18	29.55	25.79	29.48	27.88	22.12	23.65	23.23	19.28	20.46	20.01	18.15	19.59	18.82
Distance from Gas Works...	2 1/10 Miles.			3 1/10 Miles.			1 7/10 Miles.			3 1/10 Miles.			1 1/10 Miles.			1 7/10 Miles.		

Document "J."

Exhibit showing the condition of the Appropriations credited to the Bureau of Repairs and Supplies, upon which Vouchers have been drawn during the Second Quarter.

July 1, 1881.	
Free Floating Baths—	
Amount of appropriation, 1881.....	\$18,000 00
" vouchers drawn, first quarter.....	966 20
Balance, April 1, 1881.....	\$17,033 80
Amount of vouchers drawn, second quarter.....	\$5,970 22
" liabilities, estimated.....	498 80
Balance, July 1, 1881.....	\$10,564 78
Fitting up Fifth Regiment Armory, Essex Market—	
Amount appropriated for 1881.....	\$18,000 00
Fitting up Sixty-ninth Regiment Armory, Tompkins Market—	
Amount of appropriation for 1881.....	\$15,000 00
Fulton Market—Alterations and Repairs—	
Amount of appropriation for 1881.....	\$80,000 00
" vouchers drawn, second quarter.....	\$2,657 50
" liabilities, estimated.....	50 00
Balance, July 1, 1881.....	\$77,292 50

CITY OF NEW YORK, DEPARTMENT OF PUBLIC WORKS,
BUREAU OF REPAIRS AND SUPPLIES,
SUPERINTENDENT'S OFFICE, 31 CHAMBERS STREET, ROOM 15,
NEW YORK, July 29, 1881.

Hon. HUBERT O. THOMPSON, Commissioner of Public Works:

SIR—In compliance with your instructions I submit a report of the transactions of this Bureau for the three months ending June 30, 1881.

The annexed exhibit shows the condition of the appropriations credited to this Bureau, and available balances.

Among the principal items of work were the following:

WASHINGTON MARKET.

The brick superstructure above the roof on the Washington street side has been taken down and removed because of the insecurity of the roof supports, and the whole of the main roof repaired and made weather tight.

CLINTON MARKET.

The beams of the floor have been replaced by new ones in several places, and new planking put down.

FULTON MARKET.

Temporary sheds have been erected to admit of removal of stands and stalls, and the construction of new wings is now being pushed.

BROWN STONE BUILDING.

An addition has been erected on the westerly side to afford extended accommodation to the Tax Commissioners, and on the basement floor extensive alterations are now being made to accommodate the Receiver of Taxes.

CITY HALL.

The office of the Supervisor of the CITY RECORD has been entirely refitted and altered and proper ventilation secured.

BOARD OF ALDERMEN.

The rooms and offices of the Board have been thoroughly overhauled and painted, the plumbing repaired, carpets supplied, and the rooms refurnished.

CITY PRISON.

Dangerous part of northerly wall of second story has been taken down and rebuilt with necessary anchors to make the same secure.

FREE FLOATING BATHS.

The eight Baths have been completely overhauled, new timbers and knees supplied where necessary, and all painted throughout.

The care of the Public buildings has necessitated repairs more or less extensive to the Third District Court-house, Ludlow Street Jail, City Prison, Tompkins and Franklin Markets, and repairs to gas fixtures in Twelfth, Sixty-ninth and Seventy-first Regiment Armories.

Respectfully,

THOMAS H. MCAVOY, Supt. Repairs and Supplies.

Public Buildings—Construction and Repairs—

Amount of appropriation for 1881.....	\$46,000 00
" vouchers drawn, first quarter.....	9,863 71
Balance, April 1, 1881.....	\$36,136 29
Amount of vouchers drawn, second quarter.....	\$15,991 73
" liabilities estimated.....	2,799 19
Balance July 1, 1881.....	\$17,345 37

Supplies for and Cleaning Public Offices—

Amount of appropriation for 1881.....	\$63,500 00
" vouchers drawn, first quarter.....	21,866 95
Balance, April 1, 1881.....	\$41,633 05
Amount of vouchers drawn, second quarter.....	\$23,611 23
" liabilities estimated.....	2,790 10
Balance, July 1, 1881.....	\$15,231 72

County Court-house—Completion of, 1880—

Amount of balance, January 1, 1881.....	\$11,147 66
" vouchers drawn, first quarter.....	153 03
Balance, July 1, 1881.....	\$10,994 63

Free Floating Baths—Salaries—

Amount of appropriation for 1881.....	\$14,000 00
" vouchers drawn, first quarter.....	\$680 00
" " second quarter.....	3,702 50
Balance, July 1, 1881.....	4,382 50
Balance, July 1, 1881.....	\$9,617 50

Public Buildings—Construction and Repairs—Salaries—

Amount of appropriation for 1881.....	\$1,900 00
" vouchers drawn, first quarter.....	\$466 50
" " second quarter.....	477 00
Balance, July 1, 1881.....	943 50
Balance, July 1, 1881.....	\$956 50

Supplies for and Cleaning Public Offices—Salaries—

Amount of appropriation for 1881.....	\$30,000 00
" vouchers drawn, first quarter.....	\$4,124 24
" " second quarter.....	8,288 28
Balance, July 1, 1881.....	12,412 52
Balance, July 1, 1881.....	\$17,587 48

Document "K."

DEPARTMENT OF PUBLIC WORKS,
BUREAU OF INCUMBRANCES, ROOM 13, CITY HALL,
NEW YORK, July 8, 1881.

Hon. HUBERT O. THOMPSON, Commissioner of Public Works:

SIR—Herewith I submit a report of the business of this Bureau for the quarter ending June 30, 1881 (months of April, May and June).

Number of complaints received and notices issued for the removal of obstructions and incumbrances on the streets and sidewalks, 828.

Number of removals of merchandise, wagons, trucks, stands, stones, dirt, etc., to the Corporation Yard or other suitable place, 131.

Expense of such removal (including 1038 loads of stones and dirt from various parts of the city), \$1,120.86.

Total expenses for the quarter, \$1,505.86.

Received by redemption of seized articles, \$38.

Received as proceeds of sale at Corporation Yard, held on May 9, 1881, \$157.75.

Received from Brush Electric Illuminating Company, for permits granted them under Ordinance May 3, 1881, \$331.65, making a total of \$527.40, which was paid over to the City Chamberlain.

Number of permits issued to builders.....	2,779
" permits to cut down trees.....	9
" special permits issued.....	290
" notices issued to repair sidewalks.....	167
" " " vault covers.....	22

Respectfully,

JOSEPH BLUMENTHAL, Superintendent of Incumbrances.

Document "L."

BUREAU OF WATER REGISTER, 31 CHAMBERS STREET,
NEW YORK, June 30, 1881.

Hon. HUBERT O. THOMPSON, Commissioner of Public Works:

SIR—I herewith transmit statement of moneys received for water rents, penalties, and taps, for the quarter ending June 30, 1881:

	Principal.	Penalties.	Taps.
April.....	\$35,778 80	\$672 15	\$1,421 50
May.....	204,076 00	480 60	082 50
June.....	225,793 59	338 10	1,062 50
Total.....	\$466,648 39	\$1,490 85	\$3,466 50
Total.....	\$471,605 74		

Deposit to the credit of Special Meter Stock—

April.....	\$3,148 72
May.....	3,858 29
June.....	4,395 37
Total.....	\$11,402 38

Special Fund—Repairing Streets and Sidewalks—

April.....	\$1,536 00
May.....	1,439 00
June.....	1,580 00
Total.....	\$4,555 00

Respectfully submitted,

J. H. CHAMBERS, Water Register.

OFFICIAL DIRECTORY

STATEMENT OF THE HOURS DURING WHICH
all the Public Offices in the City are open for business, and at which each Court regularly opens and adjourns, as well as of the places where such offices are kept and such Courts are held; together with the heads of Departments and Courts.

EXECUTIVE DEPARTMENT.

Mayor's Office.
No. 6 City Hall, 10 A. M. to 3 P. M.
WILLIAM R. GRACE, Mayor; JOHN TRACEY, Chief Clerk; WILLIAM M. IVINS, Secretary.

Mayor's Marshal's Office.
No. 1 City Hall, 10 A. M. to 3 P. M.
CHARLES REILLY, First Marshal.

Permit Bureau Office.
No. 13 1/2 City Hall, 10 A. M. to 3 P. M.
HENRY WOLTMAN, Registrar.

Sealers and Inspectors of Weights and Measures.
No. 7 City Hall, 10 A. M. to 3 P. M.
WILLIAM EYLER, Sealer First District; THOMAS BRADY, Sealer Second District; JOHN MURRAY, Inspector First District; JOSEPH SHANNON, Inspector Second District.

COMMISSIONER OF ACCOUNTS.
No. 1 County Court-house, 9 A. M. to 4 P. M.
WM. PITT SHEARMAN, JOHN W. BARROW.

LEGISLATIVE DEPARTMENT.
Office of Clerk of Common Council.
No. 8 City Hall, 10 A. M. to 4 P. M.
PATRICK KEENAN, President Board of Aldermen.
FRANCIS J. TWOMEY, Clerk Common Council.

City Library.
No. 12 City Hall, 10 A. M. to 4 P. M.
LUKE C. GRIMES, Librarian.

DEPARTMENT OF PUBLIC WORKS.
Commissioner's Office.
No. 31 Chambers street, 9 A. M. to 4 P. M.
HUBERT O. THOMPSON, Commissioner; FREDERICK H. HAMLIN, Deputy Commissioner.

Bureau of Water Register.
No. 31 Chambers street, 9 A. M. to 4 P. M.
JOHN H. CHAMBERS, Register.

Bureau of Incumbrances.
No. 31 Chambers street, 9 A. M. to 4 P. M.
JOSEPH BLUMENTHAL, Superintendent.

Bureau of Lamps and Gas.
No. 31 Chambers street, 9 A. M. to 4 P. M.
STEPHEN MCCORMICK, Superintendent.

Bureau of Streets.
No. 31 Chambers street, 9 A. M. to 4 P. M.
JAMES J. MOONEY, Superintendent.

Bureau of Sewers.
No. 31 Chambers street, 9 A. M. to 4 P. M.
STEVENSON TOWLE, Engineer-in-Charge.

Bureau of Chief Engineer.
No. 31 Chambers street, 9 A. M. to 4 P. M.
ISAAC NEWTON, Chief Engineer.

Bureau of Street Improvements.
No. 31 Chambers street, 9 A. M. to 4 P. M.
GEORGE A. JEREMIAH, Superintendent.

Bureau of Repairs and Supplies.
No. 31 Chambers street, 9 A. M. to 4 P. M.
THOMAS H. McAVOY, Superintendent.

Bureau of Water Purveyor.
No. 31 Chambers street, 9 A. M. to 4 P. M.
DANIEL O'REILLY, Water Purveyor.

Keeper of Buildings in City Hall Park.
JOHN F. SLOPER, City Hall.

FINANCE DEPARTMENT.
Comptroller's Office.
Nos. 19 and 20 New County Court-house, 9 A. M. to 4 P. M.
ALLAN CAMPBELL, Comptroller; RICHARD A. STORRS, Deputy Comptroller.

Auditing Bureau.
No. 19 New County Court-house, 9 A. M. to 4 P. M.
DANIEL JACKSON, Auditor of Accounts.

Bureau for the Collection of Assessments and of Arrears of Taxes and Assessments and of Water Rents.
No. 5 New County Court-house, 9 A. M. to 4 P. M.
ARTEMAS CADY, Collector of Assessments and Clerk of Arrears.

Bureau for the Collection of City Revenues and of Markets.
No. 6 New County Court-house, 9 A. M. to 4 P. M.
THOMAS F. DEVOE, Collector of City Revenue and Superintendent of Markets.

Bureau for the Collection of Taxes.
First floor Brown-stone Building, City Hall Park.
MARTIN T. McMAHON, Receiver of Taxes; ALFRED VREDENBURG, Deputy Receiver of Taxes.

Bureau of the City Chamberlain.
No. 18 New County Court-house, 9 A. M. to 4 P. M.
J. NELSON TAPPAN, City Chamberlain.

Office of the City Paymaster.
Room 1, New County Court-house, 9 A. M. to 4 P. M.
MOOR FALLS, City Paymaster.

LAW DEPARTMENT.
Office of the Counsel to the Corporation.
Staats Zeitung Building, third floor, 9 A. M. to 5 P. M.
Saturday, 9 A. M. to 4 P. M.
WILLIAM C. WHITNEY, Counsel to the Corporation.
ANDREW T. CAMPBELL, Chief Clerk.

Office of the Public Administrator.
No. 49 Beekman street, 9 A. M. to 4 P. M.
ALGERNON S. SULLIVAN, Public Administrator.

Office of the Corporation Attorney.
No. 49 Beekman street, 9 A. M. to 4 P. M.
WILLIAM A. BOYD, Corporation Attorney.

POLICE DEPARTMENT.
Central Office.
No. 300 Mulberry street, 9 A. M. to 4 P. M.
STEPHEN B. FRENCH, President; SMITH C. HAWLEY, Chief Clerk.

DEPARTMENT OF CHARITIES AND CORRECTION.
Central Office.
No. 66 Third avenue, corner Eleventh street, 8:30 A. M. to 5:30 P. M.
JACOB HESS, President; GEORGE F. BRITTON, Secretary.

FIRE DEPARTMENT.
Headquarters.
Nos. 155 and 157 Mercer street.
JOHN J. GORMAN, President; CARL JUSSEN, Secretary.

Bureau of Chief of Department.
ELI BATES, Chief of Department.

Bureau of Inspector of Combustibles.
PETER SEERY, Inspector of Combustibles.

Bureau of Fire Marshal.
GEORGE H. SHELTON, Fire Marshal.

Bureau of Inspection of Buildings.
WM. P. ESTERBROOK, Inspector of Buildings.
Office hours, Headquarters and Bureaus, from 9 A. M. to 4 P. M. (Saturdays to 3 P. M.).

Attorney to Department.
WM. L. FINDLEY, Nos. 155 and 157 Mercer street and No. 120 Broadway.

Fire Alarm Telegraph.
J. ELLIOT SMITH, Superintendent of Telegraph.
Nos. 155 and 157 Mercer street.

Repair Shops.
Nos. 128 and 130 West Third street.
JOHN MCCABE, Captain-in-Charge, 8 A. M. to 5 P. M.

Hospital Stables.
No. 109 Christie street.
DREDERICK G. GALE, Superintendent of Horses.

HEALTH DEPARTMENT.
No. 301 Mott street, 9 A. M. to 4 P. M.
CHARLES F. CHANDLER, President; EMMONS CLARK, Secretary.

DEPARTMENT OF PUBLIC PARKS.
No. 36 Union square, 9 A. M. to 4 P. M.
EDWARD P. BARKER, Secretary.

Civil and Topographical Office.
Arsenal, 64th street a d 5th avenue, 9 A. M. to 5 P. M.
Office of Superintendent of 23d and 24th Wards.
Fordham 9 A. M. to 5 P. M.

DEPARTMENT OF DOCKS.
Nos. 11 and 119 Duane street, 9 A. M. to 4 P. M.
EUGENE T. LYNCH, Secretary.

DEPARTMENT OF TAXES AND ASSESSMENTS.
Brown-stone Building, City Hall Park, 9 A. M. to 4 P. M.
THOMAS B. ASTEN, President; ALBERT STORER, Secretary.

DEPARTMENT OF STREET CLEANING.
51 Chambers Street, Rooms 10, 11 & 12, 9 A. M. to 4 P. M.
JAMES S. COLEMAN, Commissioner.

BOARD OF ASSESSORS.
Office, City Hall, Room No. 11 1/2, 9 A. M. to 4 P. M.
JOHN R. LYDECKER, Chairman; WM. H. JASPER, Secretary.

BOARD OF EXCISE.
Corner Bond street and Bowers, 9 A. M. to 4 P. M.
WILLIAM P. MITCHELL, President; ANTHONY HARTMAN, Chief Clerk.

SHERIFF'S OFFICE.
Nos. 3 and 4 New County Court-house 9 A. M. to 4 P. M.
PETER BOWE, Sheriff; JOEL O. STEVENS, Under Sheriff.

REGISTER'S OFFICE.
East side City Hall Park, 9 A. M. to 4 P. M.
AUGUSTUS T. DOCHARTY, Register; J. FAIRFAX McLAUGHLIN, Deputy Register.

COMMISSIONER OF JURORS.
No. 17 New County Court-house, 9 A. M. to 4 P. M.
THOMAS DUNLAP, Commissioner; ALFRED J. KEEGAN, Deputy Commissioner.

COUNTY CLERK'S OFFICE.
Nos. 7 and 8 New County Court-house, 9 A. M. to 4 P. M.
WILLIAM A. BUTLER, County Clerk; J. HENRY FORD, Deputy County Clerk.

DISTRICT ATTORNEY'S OFFICE.
Second floor, Brown-stone Building, City Hall Park.
DANIEL G. ROLLINS, District Attorney; B. B. FOSTER, Chief Clerk.

THE CITY RECORD OFFICE.
And Bureau of Printing, Stationery, and Blank Books
No. 2 City Hall, 8 A. M. to 5 P. M.
THOMAS COSTIGAN, Supervisor; R. P. H. ABELL, Book-keeper.

CORONERS' OFFICE.
Nos. 13 and 15 Chatham street.
MORITZ ELLINGER, THOMAS C. KNOX, GERSON N. HERRMAN, JOHN H. BRADY, Coroners; JOHN D. COUGHLIN, Clerk of the Board of Coroners.

RAPID TRANSIT COMMISSIONERS.
RICHARD M. HOE, 504 Grand street.
JOHN J. CRANE, 138th street, Morrisania.
GUSTAV SCHWAB, 2 Bowling Green.
CHARLES L. PERKINS, 23 Nassau street.
WILLIAM M. OLLIFFE, 6 Bowers.

SUPREME COURT.
Second floor, New County Court-house, 10 1/2 A. M. to 3 P. M.
General Term, Room No. 9.
Special Term, Room No. 10.
Chambers, Room No. 11.
Circuit, Part I, Room No. 12.
Circuit, Part II, Room No. 13.
Circuit, Part III, Room No. 14.
Judges' Private Chambers, Room No. 15.
NOAH DAVIS, Chief Justice; WILLIAM A. BUTLER, Clerk.

SUPERIOR COURT.
Third floor, New County Court-house, 11 A. M.
General Term, Room No. 29.
Special Term, Room No. 33.
Chambers, Room No. 33.
Part I, Room No. 34.
Part II, Room No. 35.
Part III, Room No. 36.
Judges' Private Chambers, Room No. 30.
Naturalization Bureau, Room No. 32.
Clerk's Office, 9 A. M. to 4 P. M., Room No. 31.
JOHN SEDGWICK, Chief Judge; THOMAS BOESE, Chief Clerk.

COURT OF COMMON PLEAS.
Third floor, New County Court-house, 11 A. M.
Clerk's Office, 9 A. M. to 4 P. M., Room No. 22.
General Term, Room No. 24.
Special Term, Room No. 21.
Chambers, Room No. 21.
Part I, Room No. 25.
Part II, Room No. 26.
Part III, Room No. 27.
Naturalization Bureau, Room No. 23.
CHARLES P. DALY, Chief Justice; NATHANIEL JARVIS, Jr., Chief Clerk.

COURT OF GENERAL SESSIONS.
32 Chambers street. Parts I and II.
FREDERICK SMYTH, Recorder, Presiding Judge of the General Sessions; HENRY A. GILDERSLEEVE and RUFUS B. COWING, Judges.
Terms first Monday each month.
JOHN SPARKS, Clerk.

MARINE COURT.
General Term, Room 15, City Hall.
Trial Term, Parts I, II, and III, second floor, City Hall.

Special Term, Chambers, Room 21, City Hall, 10 A. M. to 4 P. M.
Clerk's Office, Room 10, City Hall.
GEORGE SHEA, Chief Justice; JOHN SAVAGE, Clerk.

OVER AND TERMINER COURT.
General Term, New County Court-house, second floor southeast corner, Room 13, 10:30 A. M.
Clerk's Office, Brown-stone Building, City Hall Park, second floor, northwest corner.

COURT OF SPECIAL SESSIONS.
At Tombs, corner Franklin and Centre streets, Tuesdays, Thursdays, and Saturdays, 10 A. M.
Clerk's Office, Tombs.

DISTRICT CIVIL COURTS.
First District—First, Second, Third, and Fifth Wards southwest corner of Centre and Chambers streets, 10 A. M. to 4 P. M.
JOHN CALLAHAN, Justice.
Second District—Fourth, Sixth, and Fourteenth Wards Nos. 112 and 114 White street, 9 A. M. to 4 P. M.
CHARLES M. CLANCY, Justice.
Third District—Eighth, Ninth, and Fifteenth Wards Sixth avenue, corner West Tenth street.
GEORGE W. PARKER, Justice.
Fourth District—Tenth and Seventeenth Wards, Nos. 20 and 22 Second avenue, 9 A. M. to 4 P. M.
JOHN A. DINKEL, Justice.
Fifth District—Seventh, Eleventh, and Thirteenth Wards, No. 154 Clinton street.
TIMOTHY J. CAMPBELL, Justice.
Sixth District—Eighteenth and Twenty-first Wards, Nos. 389 and 391 Fourth avenue.
WILLIAM H. KELLY, Justice.
Seventh District—Nineteenth and Twenty-second Wards, Fifty-seventh street, between Third and Lexington avenues.
I. C. JULIUS LANGBEIN, Justice.
Eighth District—Sixteenth and Twentieth Wards, southwest corner of Twenty-second street and Seventh avenue.
FREDERICK G. GEDNEY, Justice.
Ninth District—Twelfth Ward, One Hundred and Twenty-fifth street, near Fourth avenue.
HENRY P. MCGOWN, Justice.
Tenth District—Twenty-third and Twenty-fourth Wards, corner of College avenue and Kingsbridge Road.
JAMES R. ANGEL, Justice.

POLICE COURTS.
Judges—BUTLER H. BIXBY, MAURICE J. POWER, CHARLES A. FLAMMER, JACOB PATTERSON, JR., JAMES T. KILBRETH, BANKSON T. MORGAN, HENRY MURRAY, MARCUS OTTERBOURG, SOLON B. SMITH, BENJAMIN C. WANDELL, and HUGH GARDINER.
Office of Secretary, Fifth District Police Court, One Hundred and Twenty-fifth street, near Fourth avenue.

JURORS.
NOTICE
IN RELATION TO JURORS FOR
STATE COURTS
OFFICE OF THE COMMISSIONER OF JURORS,
NEW COUNTY COURT-HOUSE,
NEW YORK, July 1, 1880.
APPLICATIONS FOR EXEMPTIONS WILL BE heard here, from 9 to 4 daily, from all persons hitherto liable or recently serving who have become exempt, and all needed information will be given.
Those who have not answered as to their liability, or proved permanent exemption, will receive a "jury enrollment notice," requiring them to appear before me this year. Whether liable or not, such notices must be answered (in person, if possible, and at this office only) under severe penalties. If exempt, the party must bring proof of exemption; if liable, he must also answer in person, giving full and correct name, residence, etc., etc. No attention paid to letters.
Persons "enrolled" as liable must serve when called or pay their fines. No mere excuse will be allowed or interference permitted. The fines, received from those who, for business or other reasons, are unable to serve at the time selected, pay the expenses of this office, and if unpaid will be entered as judgments upon the property of the delinquents.
All good citizens will aid the course of justice, and secure reliable and respectable juries, and equalize their duty by serving promptly when summoned, allowing their clerks or subordinates to serve, reporting to me any attempt at bribery or evasion, and suggesting names for enrollment. Persons between sixty and seventy years of age, summer absentees, persons temporarily ill, and United States and District Court jurors are not exempt.
Every man must attend to his own notice. It is a misdemeanor to give any jury paper to another to answer. It is also punishable by fine or imprisonment to give or receive any present or bribe, directly or indirectly, in relation to a jury service, or to withhold any paper or make any false statement, and every case will be fully prosecuted.
THOMAS DUNLAP, Commissioner,
County Court-house (Chambers street entrance).

DEPARTMENT OF PUBLIC WORKS.
COMMISSIONER'S OFFICE.
Room 6, No. 31 CHAMBERS STREET,
NEW YORK, August 8, 1881.

TO CONTRACTORS.
BIDS OR ESTIMATES, INCLOSED IN A SEALED envelope, with the title of the work and the name of the bidder indorsed thereon, also the number of the work as in the advertisement, will be received at this office until Tuesday, August 23, 1881, at 12 o'clock M., at which hour they will be publicly opened by the head of the Department and read, for the following work:
No. 1. REREGULATING, REGRAVING, AND RESETTING CURB AND GUTTER-STONES, AND RELAYING THE FLAGGING OF THE SIDEWALKS in Lexington avenue, between One Hundred and Second street and the Harlem river, where required.
No. 2. REGULATING AND GRADING One Hundredth street, from the east curb of Third avenue to the west line of Second avenue, and SETTING CURB STONES AND FLAGGING SIDEWALKS therein.
No. 3. SEWER in West Fourth street, between Christopher and West Tenth streets.
No. 4. SEWER in Avenue B, between Sixteenth and Seventeenth streets.
No estimate will be considered unless accompanied by either a certified check upon one of the national banks of the City of New York, drawn to the order of the Comptroller, or money, to the amount of five per centum of the amount of the security required for the faithful performance of the contract. Such check or money must not be enclosed 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 neglect or refuse, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and retained by the City of New York, as liquidated damages for such neglect or refusal; but, if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.
Blank forms of bids or estimates, the proper envelopes in which to inclose the same, the specifications and agreements, and any further information desired can be obtained for Regulating and Grading, at Room No. 5, and for Sewers, at Room No. 8, 31 Chambers street.
The Commissioner of Public Works reserves the right to reject any or all proposals, if in his judgment the same may be for the best interests of the city.
HUBERT O. THOMPSON,
Commissioner of Public Works.

DEPARTMENT OF PUBLIC WORKS.
COMMISSIONER'S OFFICE.
Room 6, No. 31 CHAMBERS STREET,
NEW YORK, August 8, 1881.

TO BOILER MAKERS.
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 Tuesday, August 23, 1881, at 12 o'clock M., at which hour they will be publicly opened by the head of the Department and read, for the following:
FURNISHING ALL THE MATERIALS, BUILDING AND PUTTING UP A BOILER IN THE BOILER HOUSE AT HIGH BRIDGE, AND ALL LABOR NECESSARY TO TAKE OUT THE TWO OLD BOILERS NOW IN USE, AND DELIVERING SAME AND APPURTENANCES NOT USED IN THE NEW WORK ON THE WHARF AT HIGH BRIDGE.
No estimate will be considered unless accompanied by either a certified check upon one of the national banks of the City of New York, drawn to the order of the Comptroller, or money, to the amount of five per centum of the amount of the security required for the faithful performance of the contract. Such check or money must not be enclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk 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 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 neglect or refuse, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and retained by the City of New York as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of deposit will be returned to him.
Blank forms of bids or estimates, the proper envelopes in which to inclose the same, the specifications and agreements, and any further information desired can be obtained on application at the office of the Chief Engineer, Room 10, No. 31 Chambers street.
The Commissioner of Public Works reserves the right to reject any or all proposals, if in his judgment the same may be for the best interests of the city.
HUBERT O. THOMPSON,
Commissioner of Public Works.

DEPARTMENT OF PUBLIC WORKS.
COMMISSIONER'S OFFICE.
Room 6, No. 31 CHAMBERS STREET,
NEW YORK, August 8, 1881.

TO WATER PIPE MANUFACTURERS.
BIDS OR ESTIMATES, INCLOSED IN A SEALED envelope, with the title of the work and the name of the bidder indorsed thereon, ALSO THE NUMBER OF THE WORK AS IN THE ADVERTISEMENT, will be received at this office until Tuesday, August 23, 1881, at 12 o'clock M., at which hour they will be publicly opened by the head of the Department, and read, for the following:
No. 1. One Hundred and Thirty-seven (137) tons of Thirty-six (36) inch pipe, Three (3) tons of Six (6) inch pipe, and Six (6) tons of branches and special castings.
No. 2. Five Hundred and Twenty-five (525) Thirty-six (36) inch pipe, Six (6) Twenty inch pipe, Twenty (20) Twelve inch pipe, Twenty (20) Six inch pipe, and Sixty tons of branches and special castings, to be delivered on Jerome avenue, between Croton avenue and Williamsbridge road.
No estimate will be considered unless accompanied by either a certified check upon one of the National Banks of the City of New York, drawn to the order of the Comptroller, or money to the amount of five per centum of the amount of the security required for the faithful performance of the contract. Such check or money must not be enclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk who has charge of the Estimate Box, and no estimate can be deposited in said box until such checks or money has been examined by said officer or clerk, and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same, within three days after the contract is awarded. If the successful bidder shall refuse or neglect within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and retained by the City of New York as liquidated damages for such neglect or refusal; but, if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.
Blank forms of bid or estimate, the proper envelopes in which to inclose the same, the specifications and agreements, and any further information desired can be obtained on application at the office of the Chief Engineer, Room 10, No. 31 Chambers street.
The Commissioner of Public Works reserves the right to reject any or all proposals, if in his judgment, the same may be for the best interests of the city.
HUBERT O. THOMPSON,
Commissioner of Public Works.

DEPARTMENT OF PUBLIC WORKS.
BUREAU OF WATER REGISTER.
31 CHAMBERS STREET, ROOM 2,
NEW YORK, July, 1881.

CROTON WATER RATES.
NOTICE IS HEREBY GIVEN THAT ACCORDING to law, five per cent. will be added on the 1st of August next, on all unpaid Croton water rates.
HUBERT O. THOMPSON,
Commissioner of Public Works.

DEPARTMENT OF PUBLIC WORKS.
BUREAU OF WATER REGISTER.
31 CHAMBERS STREET, ROOM 2,
NEW YORK, May, 1881.

CROTON WATER RATES.
NOTICE IS HEREBY GIVEN THAT THE ANNUAL water rates for 1881 are now due and payable at this office.
Permits for the use of Croton water for washing sidewalks, stoops, areas, etc., etc., must be renewed immediately.
HUBERT O. THOMPSON,
Commissioner of Public Works.

ation of the location of the proposed work, and by such other means as they may prefer, as to the accuracy of the foregoing Engineer's estimate, and shall not, at any time after the submission of an estimate, dispute or complain of the above statement of quantities, nor assert that there was any misunderstanding in regard to the nature and amount of the work to be done.

Bidders will be required to complete the entire work to the satisfaction of the Department of Docks, and in substantial accordance with the specifications of the contract. No extra compensation, beyond the amount

payable for the work before mentioned, which shall be actually performed at the price therefor, to be specified by the lowest bidder, shall be due or payable for the entire work.

The work to be done under the contract is to be commenced within five days after the date of the contract, and the entire work is to be fully completed on or before the 1st day of November, 1881, and the damages to be paid by the contractor, for each day that the contract may be unfulfilled, after the time fixed for the fulfillment thereof has expired, Sundays and holidays not to be excepted, are, by a clause in the contract, fixed and liquidated at Fifty Dollars per day.

All the material taken from said piers, and necessarily from the bulkheads from which they spring, to be removed under this contract, will be relinquished to the contractor, and bidders must estimate the value of such material when considering the price for which they will do the work under the contract.

Bidders will state in their estimates a price for the whole of the work to be done, in conformity with the approved form of contract and the specifications therein set forth; by which prices the bids will be tested. This price is to cover all expenses of every kind involved in or incidental to the fulfillment of the contract, including any claim that may arise through delay, from any cause, in the performing of the work thereunder.

Bidders will distinctly write out, both in words and in figures, the amount of their estimates for doing this work.

The person or persons to whom the contract may be awarded will be required to attend at this office with the sureties offered by him or them, and execute the contract within five days from the date of a service of a notice to that effect; and in case of failure or neglect so to do, he or they will be considered as having abandoned it, and as in default to the Corporation; and the contract will be re-advertised and re-let, and so on until it be accepted and executed.

Bidders are required to state in their estimates their names and places of residence; the names of all persons interested with them therein; and if no other person be so interested, the estimate shall distinctly state the fact; also that the estimate is made without any connection with any other person making an estimate for the same work, and that it is in all respects fair, and without collusion or fraud; and also, that no member of the Common Council, 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; which estimate must be verified by the oath, in writing, of the party 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 estimate shall be accompanied by the consent, in writing, of two householders or freeholders, in the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person or persons making the estimate, they will, on its being so awarded, become bound as his or their sureties for its faithful performance; and that if said person or persons shall omit or refuse to execute the contract, they will pay to the Corporation of the City of New York any difference between the sum to which said person or persons would be entitled on its completion, and that which said Corporation may be obliged to pay to the person 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 to be done in each class, by which the bids are tested; the consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of the contract, 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 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, after the award is made and prior to the signing of the contract.

No estimate will be received or considered unless accompanied by either a certified check upon one of the National Banks of the City of New York, drawn to the order of the Comptroller, or money, to the amount of five per centum of the amount of 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 and retained by the City of New York as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

Bidders are informed that no deviation from the specifications will be allowed, unless under the written instructions of the Engineer-in-Chief.

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

The right to decline all the estimates is reserved, if deemed for the interest of the Corporation of the City of New York.

Bidders are requested, in making their bids or estimates, to use the blank prepared for that purpose by the Department, a copy of which, together with the form of the agreement, including specifications, and showing the manner of payment, can be obtained upon application therefor at the office of the Department.

HENRY F. DIMOCK,
JACOB VANDERPOEL,
WILLIAM LAIMBEER,
Commissioners of the Department of Docks.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION,
No. 66 THIRD AVENUE.

TO CONTRACTORS.

PROPOSALS FOR DRY GOODS, GROCERIES, AND LUMBER.

SEALED BIDS OR ESTIMATES FOR FURNISHING

DRY GOODS.
20,000 yards Brown Muslin.
5,000 " Shroud "
5,000 " Ticking.
3,000 " Hickory Stripes.
300 " White Flannel.
10 pieces No. 10 Cotton Duck.
10 gross Plantation Combs.
100 dozen Women's Stockings.

GROCERIES, ETC.
20,000 Fresh Eggs, (all to be candled).
20,000 pounds Rice.
2,000 " Barley.
2,000 " Macaroni.
2,500 gallons Molasses.
500 pounds Prime Meat-rendered Lard.
100 bags Coarse Meal.
50 " Bran.
50 barrels Oatmeal.
50 " Wheaten Grits.
50 boxes Laundry Starch.
2 casks Prunes.
10 gross Table Spoons.
5 " Bowls.

LUMBER.

10,000 feet Pine Shelving.

—or any part thereof, will be received at the office of the Department of Public Charities and Correction, in the City of New York, until 9 o'clock A. M., of Friday, the 12th day of August, 1881. The person or persons making any bid or estimate shall furnish the same in a sealed envelope, indorsed "Bid or Estimate for Dry Goods, Groceries, and Lumber," and with his or their name or names, and the date of presentation, to the head of said Department, at the said office, on or before the day and hour above named, at which time and place the bids or estimates received will be publicly opened by the head of said Department and read.

The Department of Public Charities and Correction reserves the right to decline any and all bids or estimates if deemed to be for the public interest, and to accept any bid or estimate as a whole, or for any one or more articles included therein. No bid or 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 award of the contract will be made as soon as practicable after the opening of the bids.

Delivery will be required to be made from time to time, at such times and in such quantities as may be directed by the said Department; but the entire quantity will be required to be delivered on or before thirty (30) days after the date of the contract.

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

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 the 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 Common Council, Head of a Department, Chief of a Bureau, Deputy thereof, or Clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or work to which it relates, or in any portion of the profits thereof. The bid or estimate must be verified by the oath, in writing, of the party or parties making the estimate, that the several matters stated therein are in all respects true. *Where more than one person is interested, it is requisite that the verification be made and subscribed by all the parties interested.*

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as his sureties for its faithful performance; and that if he shall omit or refuse to execute the same, they shall pay to the Corporation any difference between the sum to which he would be entitled on its completion and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting; the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of this contract, over and above all his debts of every nature, and over and above his liabilities, as bail, surety, or otherwise; and that he has offered himself as a surety in good faith and with the intention to execute the bond required by section 27 of chapter 8 of the Revised Ordinances of the City of New York, if the contract shall be awarded to the person or persons for whom he consents to be calculated upon the estimated amount of the work by which the bids are tested. The adequacy and sufficiency of the security offered to be approved by the Comptroller of the City of New York.

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

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

The quality of the articles, supplies, goods, wares, and merchandise must conform in every respect to the samples of the same respectively at the office of the said Department. Bidders are cautioned to examine the specifications for particulars of the articles, etc., required, before making their estimates.

Bidders will state the price for each article, by which the bids will be tested.

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

Payment will be made by a requisition on the Comptroller, issued on the completion of the contract, or from time to time, as the Commissioners may determine.

Bidders are informed that no deviation from the specifications will be allowed, unless under the written instruction of the Commissioners of Public Charities and Correction.

The Department of Public Charities and Correction reserves the right to decline any and all bids or estimates if deemed to be for the public interest, and to accept any bid or estimate as a whole, or for any one or more articles included therein. No bid or 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 form of the agreement, including specifications, and showing the manner of payment, can be obtained at the office of the Department.

Dated New York, August 5, 1881.

JACOB HESS,
THOMAS S. BRENNAN,
TOWNSEND COX,
Commissioners of the Department of
Public Charities and Correction.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION,
No. 66 THIRD AVENUE,
NEW YORK, July 30, 1881.

IN ACCORDANCE WITH AN ORDINANCE OF the Common Council, "In relation to the burial of strangers or unknown persons who may die in any of the public institutions of the City of New York," the Commissioners of Public Charities and Correction report as follows:

At Homoeopathic Hospital, Ward's Island—Ann Martin; age 55 years; 5 feet 2 inches high; blue eyes; brown hair. Had on when admitted, brown skirt, gray waist, water-proof cloak, black velvet hat, gaiters. Nothing known of her friends or relatives.

At Branch Lunatic Asylum, Hart's Island—Maggie Lee; age 28 years; 5 feet 5½ inches high; brown eyes; black hair. Nothing known of her friends or relatives.

By order,

G. F. BRITTON,
Secretary.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION,
No. 66 THIRD AVENUE,
NEW YORK, July 29, 1881.

IN ACCORDANCE WITH AN ORDINANCE OF the Common Council, "In relation to the burial of strangers or unknown persons who may die in any of the public institutions of the City of New York," the Commissioners of Public Charities and Correction report as follows:

Unknown man from off Ellis' Island; age about 30 years; 5 feet 8 inches high; dark brown hair; had on blue check shirt, dark ribbed pants.

At Work-house, Blackwell's Island—William Johnson, colored; committed June 29; age 22 years. Nothing known of his friends or relatives.

At Lunatic Asylum, Blackwell's Island—Jane Curtin; age 48 years; 5 feet 4½ inches high; brown eyes and hair; had on when admitted, brown shawl, gray plaid shawl, striped skirt, calico sacque, corporation petticoat, woolen hood. Nothing known of her friends or relatives.

At Hart's Island Hospital—Eva Ellingworth; age 30 years; 5 feet high; blue eyes, brown hair; had on when admitted, black cashmere suit, black cloth sack, black straw hat, white stockings, Congress gaiters. Nothing known of her friends or relatives.

By order,

G. F. BRITTON,
Secretary.

FIRE DEPARTMENT.

HEADQUARTERS
FIRE DEPARTMENT, CITY OF NEW YORK,
155 AND 157 MERCER STREET,
NEW YORK, August 10, 1881.

NOTICE IS HEREBY GIVEN THAT THE Board of Commissioners of this Department will meet daily, at 10 o'clock A. M., for the transaction of business.

By order of

JOHN J. GORMAN, President.
VINCENT C. KING,
CORNELIUS VAN COTT,
Commissioners.

CARL JUSSEN,
Secretary.

CORPORATION NOTICE.

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

No. 1. Regulating, grading, setting curb and gutter stones, and flagging four feet wide in Tenth avenue, from Ninety-fifth to One Hundred and Tenth streets.

No. 2. Regulating, grading, setting curb and gutter stones, and flagging Fourth avenue, from One Hundred and Second to One Hundred and Tenth streets.

No. 3. Regulating, grading, setting curb and gutter stones, and flagging Elm street, between Pearl and Worth streets.

No. 4. Regulating, grading, resetting curb and gutter stones in One Hundred and Twenty-ninth street, from Seventh to Eighth avenue.

No. 5. Flagging sidewalks full width, on west side of Fourth avenue, between Sixty-first and Sixty-fifth streets.

No. 6. Setting curb and gutter stones, and flagging four feet wide Seventy-sixth street, between Fourth and Madison avenues.

No. 7. Sewers in Avenue B, between Eighty-fourth and Eighty-sixth streets, and in Eighty-fifth street, between Avenues A and B.

No. 8. Paving Forty-third street, commencing 100 feet east of First avenue to the East river, with trap-block pavement.

No. 9. Paving Sixty-fifth street, from Eighth to Ninth street, with trap-block pavement.

No. 10. Flagging sidewalks on both sides of Sixty-third street, between Ninth and Tenth avenues.

No. 11. Regulating, setting curb, flagging and paving with trap-block pavement, Fourth avenue, from Sixty-seventh to Seventy-second streets.

No. 12. Paving Seventy-sixth street, from Fourth to Madison avenue, with granite-block pavement.

No. 13. Sewer in Water street, between Roosevelt street and James slip.

No. 14. Paving Sixty-fourth street, from the Boulevard to Tenth avenue, with granite-block pavement.

No. 15. Paving One Hundred and Fourth street, from Fourth to Fifth avenue, with trap-block pavement.

No. 16. Fencing vacant lots on Second avenue, between Eighty-fourth and Eighty-fifth streets, and extending 150 feet from the corner of Second avenue, on Eighty-fourth and Eighty-fifth streets westerly.

No. 17. Fencing vacant lots on the south side of Seventy-sixth street, between Third and Lexington avenues.

No. 18. Sewer in Forty-third street, between Second and Third avenues.

No. 19. Sewer in One Hundred and Thirtieth street, between Seventh avenue and summit east of Seventh avenue.

No. 20. Fencing vacant lots on west side of Boulevard, from Eighty-third to Eighty-sixth streets.

No. 21. Regulating, grading, and setting curb stones, and flagging sidewalks four feet wide, Seventy-sixth street, from the east curb of Fourth avenue to the west curb of Third avenue.

No. 22. Sewers in One Hundred and Fifth street between Fourth and Fifth avenues, and in One Hundred and Sixth street between Madison and Fifth avenues.

No. 23. Paving One Hundred and Twenty-eighth street from Second to Sixth avenue with trap-block pavement.

No. 24. Sewer in One Hundred and Seventh street between Lexington and Fourth avenues.

No. 25. Sewers in Sixty-eighth, Sixty-ninth, and Seventieth streets, between Avenue A and First avenue.

No. 26. Basin on the southeast corner of One Hundred and Forty-fifth street and Eighth avenue.

No. 27. Sewer in Sixty-seventh street between Eighth and Ninth avenues.

No. 28. Regulating, grading, setting curb, flagging and paving Sixty-second street from the east curb line of Avenue A to a line of 123 feet east of and parallel thereto.

No. 29. Fencing vacant lots on west side of First avenue between Seventy-third and Seventy-fourth streets, and in Seventy-third street 100 feet west of First avenue.

No. 30. Sewer in One Hundred and Fifth street, between Tenth avenue and the Boulevard.

No. 31. Regulating, grading, setting curb and gutter stones, and flagging One Hundred and Fourteenth street between Tenth avenue and Morningside avenue.

No. 32. Fencing vacant lots south side of Eighty-third street between Eighth and Ninth avenues, and on east side of Ninth avenue between Eighty-second and Eighty-third streets.

No. 33. Fencing vacant lots on northeast corner of Madison avenue and One Hundred and Twenty-third street.

No. 34. Sewer in One Hundred and Twenty-eighth street, between Seventh and Eighth avenues.

No. 35. Fencing vacant lots south side of One Hundred and Fourteenth street, between First and Second avenues.

No. 36. Fencing vacant lots on east side of Fifth avenue, from Sixty-fifth to Sixty-sixth street; on north side

of Sixty-fifth street, and on south side of Sixty-sixth street east of Fifth avenue, and on northeast corner of Sixty-sixth street and Fifth avenue.

No. 37. Regulating, grading, setting curb stones, and flagging sidewalks four feet wide, in Sixty-first street, from the west curb of Tenth avenue to the east curb of Eleventh avenue.

No. 38. Sewer in Suffolk street, between Delancey and Rivington streets.

No. 39. Sewer in Prince street, between Broadway and Crosby street.

No. 40. Sewer in West Fourth street, between West Tenth and Charles streets.

The limits embraced by such assessments include all the several houses and lots of ground, vacant lots, pieces, and parcels of land, situated on—

No. 1. Both sides of Tenth avenue, from Ninety-fifth to One Hundred and Tenth street, and to the extent of half of the block at the intersecting streets.

No. 2. Both sides of Fourth avenue, between One Hundred and Second and One Hundred and Tenth streets, and to the extent of half of the block at the intersecting streets.

No. 3. Both sides of Elm street, between Pearl and Worth streets.

No. 4. Both sides of One Hundred and Twenty-ninth street, between Seventh and Eighth avenues.

No. 5. West side of Fourth avenue, between Sixty-first and Sixty-second streets.

No. 6. Both sides of Seventy-sixth street, between Fourth and Madison avenues.

No. 7. Blocks bounded by Eighty-third and Eighty-sixth streets, Avenues A and B; also Public Park on east side of Avenue B.

No. 8. Both sides of Forty-third street, commencing 100 feet east of First avenue to East river.

No. 9. Both sides of Sixty-fifth street, between Eighth and Ninth avenues, and to the extent of half of the block at the intersecting avenues.

No. 10. Both sides of Sixty-third street, between Ninth and Tenth avenues.

No. 11. Both sides of Fourth avenue, between Sixty-seventh and Seventy-second streets, and to the extent of half of the block at the intersecting streets.

No. 12. Both sides of Seventy-sixth street, between Fourth and Madison avenues, and to the extent of half of the block at the intersecting avenues.

No. 13. Both sides of Water street, between Roosevelt street and James slip.

No. 14. Both sides of Sixty-fourth street, between the Boulevard and Tenth avenue, and to the extent of half of the block at the intersecting avenues.

No. 15. Both sides of One Hundred and Fourth street, between Fourth and Fifth avenues, and to the extent of half of the block at the intersecting avenues.

No. 16. West side of Second avenue, between Eighty-fourth and Eighty-fifth streets, and extending westerly 110 feet on Eighty-fourth and Eighty-fifth streets.

No. 17. South side of Seventy-sixth street, between Third and Lexington avenues.

No. 18. South side of Forty-third street, between Second and Third avenues, and block bounded by Forty-third and Forty-fourth streets, Second and Third avenues.

No. 19. Both sides of One Hundred and Thirtieth street, between Sixth and Seventh avenues.

No. 20. West side of the Boulevard, between Eighty-third and Eighty-sixth streets.

No. 21. Both sides of Seventy-sixth street, between Third and Fourth avenues, and to the extent of half of the block at the intersecting avenues.

No. 22. Blocks bounded by One Hundred and Fourth and One Hundred and Sixth streets, Fourth and Fifth avenues; also north side of One Hundred and Sixth street, between Madison and Fifth avenues.

No. 23. Both sides of One Hundred and Twenty-eighth street, between Second and Sixth avenues, and to the extent of half of the block at the intersecting avenues.

No. 24. Both sides of One Hundred and Seventh street, between Lexington and Fourth avenues.

No. 25. Both sides of Sixty-eighth, Sixty-ninth, and Seventieth streets, between Avenue A and First avenue.

No. 26. Block bounded by One Hundred and Forty-fourth and One Hundred and Forty-fifth streets, Seventh and Eighth avenues.

No. 27. Both sides of Sixty-seventh street, between Eighth and Ninth avenues.

No. 28. Both sides of Sixty-second street, between Avenue A and East river, and to the extent of half of the block at the intersection of Avenue A.

No. 29. West side of First avenue, between Seventy-third and Seventy-fourth streets, and north side of Seventy-third street, commencing one hundred feet west of First avenue and extending westerly seventy-five feet.

No. 30. Both sides of One Hundred and Fifth street, between the Boulevard and Tenth avenue.

No. 31. Both sides of One Hundred and Fourteenth street, between Tenth avenue and Morningside avenue.

No. 32. South side of Eighty-third street, between Eighth and Ninth avenues, and east side of Ninth avenue, between Eighty-second and Eighty-third streets.

No. 33. East side of Madison avenue, between One Hundred and Twenty-third and One Hundred and Twenty-fourth streets, and north side of One Hundred and Twenty-third street, extending one hundred and fifty-two feet eleven inches easterly from Madison avenue.

No. 34. Both sides of One Hundred and Twenty-eighth street, between Seventh and Eighth avenues.

No. 35. South side of One Hundred and Fourteenth street, between First and Second avenues.

No. 36. East side of Fifth avenue, between Sixty-fifth and Sixty-sixth streets, and north side of Sixty-fifth street, extending easterly one hundred feet from Fifth avenue.

No. 37. Both sides of Sixty-first street, between Tenth and Eleventh avenues.

No. 38. Both sides of Suffolk street, between Delancey and Rivington streets.

No. 39. Both sides of Prince street, between Broadway and Crosby street.

No. 40. Both sides of West Fourth street, between West Tenth and Charles streets.

All persons whose interests are affected by the above-named assessments, and who are opposed to the same, or either of them, are requested to present their objections in writing to the Board of Assessors, at their office, No. 11½ City Hall, within thirty days from the date of this notice.

The above-described lists will be transmitted as provided by law to the Board of Revision and Correction of Assessments for confirmation, on the 25th August, ensuing.

JOHN R. LYDECKER,
EDWARD NORTH,
DANIEL STANBURY,
SAMUEL CONOVER,
Board of Assessors.

OFFICE BOARD OF ASSESSORS,
No. 11½ CITY HALL,
NEW YORK, July 20, 1881.)

FINANCE DEPARTMENT.

REAL ESTATE RECORDS.

THE ATTENTION OF LAWYERS, REAL Estate Owners, Monetary Institutions engaged in making loans upon real estate, and all who are interested in providing themselves with facilities for reducing the cost of examinations and searches, is invited to these Official Indices of Records, containing all recorded transfers of real estate in the City of New York from 1653 to 1857, prepared under the direction of the Commissioners of Records.

Grants, grantees, suits in equity, insolvents' and Sheriff's sales, in 61 volumes, full bound, price, \$100 00
The same, in

DEPARTMENT OF FINANCE,
BUREAU FOR COLLECTION OF ASSESSMENTS,
AND OF ARREARS OF TAXES AND ASSES-
MENTS, AND OF WATER RENTS,
NEW COUNTY COURT-HOUSE, CITY HALL PARK,
NEW YORK, February 1, 1881.

NOTICE TO PROPERTY-HOLDERS.

PROPERTY-HOLDERS ARE HEREBY NOTI-
fied that the following assessment list was received
by the Collector of Assessments and Clerk of Arrears,
January 29, 1881, for collection:

CONFIRMED JANUARY 25, 1881, AND ENTERED JANUARY 29,
1881, NAMELY:

153d street, opening, from the easterly line of the New
Avenue lying between 8th and 9th avenues, to the Har-
lem river.

All payments made on the above assessment on or before
March 30, 1881, will be exempt (according to law) from
interest. After that date interest will be charged at the
rate of seven (7) per cent. from the date of entry.

The above assessments are payable at the "Bureau for
the Collection of Assessments, and of Arrears of Taxes
and Assessments, and of Water Rents," from 9 A. M. until
2 P. M.

A. S. CADY,
Collector of Assessments and Clerk of Arrears.

CITY OF NEW YORK,
FINANCE DEPARTMENT,
COMPTROLLER'S OFFICE,
July 21, 1881.

NOTICE TO PROPERTY-OWNERS.

IN PURSUANCE OF SECTION 4 OF CHAPTER
33 of the Laws of 1881, the Comptroller of the City of
New York hereby gives public notice to property-owners
that the following lists of assessments for local improve-
ments in said city were confirmed by the "Board of Re-
vision and Correction of Assessments" on the 10th day
of July, 1881, and, on the same date, were entered in the
Record of Titles of Assessments kept in the "Bureau for
the Collection of Assessments, and of Arrears of Taxes
and Assessments, and of Water Rents," viz.:

Section 5 of the said act provides that, "If any such
assessment shall remain unpaid for the period of sixty
days after the date of entry thereof, in the said record of
titles of assessments, it shall be the duty of the officer
authorized to collect and receive the amount of such assess-
ment, to charge, collect, and receive legal interest thereon
at the rate of seven per centum per annum, to be calcu-
lated from the date of such entry to the date of pay-
ment."

The above assessments are payable to the Collector of
Assessments and Clerk of Arrears, at the "Bureau for
the Collection of Assessments, and of Arrears of Taxes
and Assessments, and of Water Rents," from 9 A. M. until
2 P. M., and all payments made thereon, on or before
September 19, 1881, will be exempt from interest as above
provided, and after that date will be subject to a charge
of interest at the rate of seven per cent. per annum from
the date of entry in the record of titles of assessments in
said Bureau.

ALLAN CAMPBELL,
Comptroller.

CITY OF NEW YORK—DEPARTMENT OF FINANCE,
BUREAU FOR COLLECTION OF ASSESSMENTS,
AND OF ARREARS OF TAXES AND ASSES-
MENTS, AND OF WATER RENTS,
OFFICE OF THE COLLECTOR OF ASSESSMENTS
AND CLERK OF ARREARS, July 6, 1881.

NOTICE OF SALE OF LANDS AND TENE-
ments for unpaid taxes of 1871, 1872, 1873, 1874,
1875 and 1876, and Croton water rents of 1870, 1871, 1872,
1873, 1874 and 1875, under the direction of Allan Camp-
bell, Comptroller of the City of New York. The under-
signed hereby gives public notice, pursuant to the provi-
sions of the act entitled "An act for the Collection of Taxes,
Assessments and Croton Water Rents in the City of New
York, and to amend the several acts in relation thereto,"
passed April 8, 1871:

That the respective owners of all lands and tenements
in the City of New York on which taxes have been laid
and confirmed, situated in the Wards Nos. 1 to 24 inclu-
sive, for the Years 1871, 1872, 1873, 1874, 1875, and 1876,
and now remaining due and unpaid; and also the respec-
tive owners of all lands and tenements in the City of
New York, situated in the Wards aforesaid, on which the
regular Croton-water rents have been laid for the years
1870, 1871, 1872, 1873, 1874, and 1875, and are now re-
maining due and unpaid, are required to pay the said
taxes and Croton-water rent so remaining due and unpaid
to the Collector of Assessments and Clerk of Arrears, at
his office in the Department of Finance, in the New
Court-house, with the interest thereon, at the rate of 7
per cent. per annum, as provided by chapter 33 of the
Laws of 1881, from the time when the same became due
to the time of payment, together with the charges of this
notice and advertisement, and if default shall be made
in such payment, such lands and tenements will be
sold at public auction at the New Court-house, in
the City Hall Park, in the City of New York, on
Monday, October 10, 1881, at 12 o'clock noon, for the
lowest term of years at which any person shall offer to
take the same, in consideration of advancing the amount
of tax or Croton-water rent, as the case may be, so due and
unpaid, and the interest thereon, as aforesaid, to the time
of sale, together with the charges of this notice and ad-
vertisement, and all other costs and charges accrued
thereon, and that such sale will be continued from time to
time, until all the lands and tenements so advertised for
sale shall be sold.

For the redemption of any property so sold, interest
will be payable upon the amount of the purchase money,
at the rate of fourteen per cent. per annum.

Notice is hereby further given that a detailed statement
of the taxes and the Croton water rents, the ownership of
the property, on which taxes and Croton water rents re-
main unpaid, is published in a pamphlet, and that copies
of the said pamphlet are deposited in the office of the
Collector of Assessments, and Clerk of Arrears, and will
be delivered to any person applying for the same.

A. S. CADY,
Collector of Assessments and Clerk of Arrears.

CITY OF NEW YORK,
FINANCE DEPARTMENT,
COMPTROLLER'S OFFICE,
June 27, 1881.

NOTICE TO PROPERTY-OWNERS.

IN PURSUANCE OF SECTION 4 OF CHAPTER
33 of the Laws of 1881, the Comptroller of the City of
New York hereby gives public notice to property-owners
that the following lists of assessments for local improve-
ments in said city were confirmed by the "Board of Re-
vision and Correction of Assessments" on the 23d day
of June, 1881, and, on the same date, were entered in the
Record of Titles of Assessments kept in the "Bureau for
the Collection of Assessments, and of Arrears of Taxes
and Assessments, and of Water Rents," viz.:

47th street Paving, from Madison avenue to Harlem
railroad.
76th street Paving, from 2d avenue to Avenue A.
94th street Paving, from Lexington to 4th avenue.
115th street Paving, from 3d to 4th avenue.
4th avenue Flagging, east side, between 62d and 65th
streets.

96th street Sewer, between 5th and Madison avenues.
28th street Sewer, between 2d and 3d avenues.
Washington street Sewer, between Gansevoort and
Little West 12th streets.
60th street, Fencing Vacant Lots, both sides, between
10th and 11th avenues.
Broadway, Fencing Vacant Lots, west side, between
55th and 56th streets.
60th street, Fencing Vacant Lots, south side, between
10th and 11th avenues.
73d street, Fencing Vacant Lots, south side, between
9th and 10th avenues.
77th street, Fencing Vacant Lots, south side, between
8th and 9th avenues.
Lexington avenue, Fencing Vacant Lots, both sides, be-
tween 75th and 76th streets.
75th street, Fencing Vacant Lots on northwest and
southwest corners of 9th avenue and on 75th street, both
sides, near 10th avenue, and on 10th avenue, east side, be-
tween 74th and 75th streets.

Section 5 of the said act provides that, "If any such
assessment shall remain unpaid for the period of sixty
days after the date of entry thereof, in the said record of
titles of assessments, it shall be the duty of the officer au-
thorized to collect and receive the amount of such assess-
ment, to charge, collect, and receive legal interest thereon
at the rate of seven per centum per annum, to be calcu-
lated from the date of such entry to the date of pay-
ment."

The above assessments are payable to the Collector of
Assessments and Clerk of Arrears, at the "Bureau for
the Collection of Assessments, and of Arrears of Taxes
and Assessments, and of Water Rents," from 9 A. M. until
2 P. M., and all payments made thereon, on or before
August 26, 1881, will be exempt from interest as above
provided, and after that date will be subject to a charge
of interest at the rate of seven per cent. per annum from
the date of entry in the record of titles of assessments in
said Bureau.

ALLAN CAMPBELL,
Comptroller.

CITY OF NEW YORK—FINANCE DEPARTMENT,
COMPTROLLER'S OFFICE, May 28, 1881.

NOTICE TO PROPERTY-OWNERS.

IN PURSUANCE OF SECTION 4 OF CHAPTER
33 of the Laws of 1881, the Comptroller of the City of
New York hereby gives public notice to property-owners
that the following lists of assessments for local improve-
ments in said city were confirmed by the "Board of Re-
vision and Correction of Assessments" on the 24th day
of May, 1881, and, on the same date, were entered in the
Record of Titles of Assessments kept in the "Bureau for
the Collection of Assessments, and of Arrears of Taxes
and Assessments, and of Water Rents," viz.:

Boulevard sewers, between 59th and 61st streets.
Boulevard sewers, between 61st and 77th streets.
Boulevard sewers, between 77th and 92d streets.
Boulevard sewers, between 92d and 106th streets.
Boulevard sewers, between 106th and 153d streets.
Madison avenue sewer, between 110th and 113th streets.
Avenue A sewer, between 10th and 11th streets.

Section 5 of the said act provides that, "If any such
assessment shall remain unpaid for the period of sixty
days after the date of entry thereof, in the said record of
titles of assessments, it shall be the duty of the officer au-
thorized to collect and receive the amount of such assess-
ment, to charge, collect, and receive legal interest thereon
at the rate of seven per centum per annum, to be calcu-
lated from the date of such entry to the date of pay-
ment."

The above assessments are payable to the Collector of
Assessments and Clerk of Arrears, at the "Bureau for
the Collection of Assessments, and of Arrears of Taxes
and Assessments, and of Water Rents," from 9 A. M. until
2 P. M., and all payments made thereon, on or before July
27, 1881, will be exempt from interest as above provided,
and after that date will be subject to a charge of interest
at the rate of seven per cent. per annum from the date of
entry in the record of titles of assessments in said Bureau.

ALLAN CAMPBELL,
Comptroller.

CITY OF NEW YORK,
FINANCE DEPARTMENT,
COMPTROLLER'S OFFICE,
May 21, 1881.

NOTICE TO PROPERTY-OWNERS.

IN PURSUANCE OF SECTION 4 OF CHAPTER
33 of the Laws of 1881, the Comptroller of the City of
New York hereby gives public notice to property-owners
that the assessment list for the opening of One Hundred
and Eighth street, from Fifth avenue to Harlem river was
confirmed by the Supreme Court on the 12th day of May,
1881, and entered on the 10th day of May, 1881, in the
Record of Titles of Assessments kept in the Bureau for
the Collection of Assessments and of Arrears of Taxes
and Assessments, and of Water Rents.

Section 5 of the said act provides that, "If any such
assessment shall remain unpaid for the period of sixty
days after the date of entry thereof in the said record of
titles of assessments, it shall be the duty of the officer au-
thorized to collect and receive the amount of such assess-
ment, to charge, collect, and receive legal interest thereon,
at the rate of seven per centum per annum, to be calcu-
lated from the date of such entry to the date of payment."

The above assessments are payable to the Collector of
Assessments and Clerk of Arrears, at the "Bureau for
the Collection of Assessments, and of Arrears of Taxes
and Assessments, and of Water Rents," from 9 A. M. until
2 P. M., and all payments made thereon, on or before July 19,
1881, will be exempt from interest as above provided, and
after that date will be subject to a charge of interest at the
rate of seven per cent. per annum from the date of entry
in the Record of Titles and Assessments in said Bureau.

ALLAN CAMPBELL,
Comptroller.

CITY OF NEW YORK,
FINANCE DEPARTMENT,
COMPTROLLER'S OFFICE,
May 4th, 1881.

NOTICE TO PROPERTY-OWNERS.

IN PURSUANCE OF SECTION 4 OF CHAPTER
33 of the Laws of 1881, the Comptroller of the City of
New York hereby gives public notice to property-owners
that the following lists of assessments for local improve-
ments in said city were confirmed by the "Board of Re-
vision and Correction of Assessments" on the 28th day
of April, 1881, and, on the same date, were entered in the
Record of Titles of Assessments kept in the "Bureau for
the Collection of Assessments, and of Arrears of Taxes
and Assessments, and of Water Rents," viz.:

Avenue B sewer, between 79th and 82d streets.
2d avenue sewer, between 75th and 76th streets.
Lexington avenue sewer, between 103d and 104th
streets.

11th avenue sewer, west side, between 59th and 60th
streets.
12th avenue sewer, between 131st and 133d streets.
Laight street sewer, between Washington and West
streets.

Macdougal street sewer, between West 4th street and
West Washington place.
Jackson street sewer, between Grand and Madison
streets.

68th street sewer, between 4th and Madison avenues.
72d street sewer, between 1st and 2d avenues.
73d street sewer, between 8th and 10th avenues.
103d street sewer, between 3d and Lexington avenues.
104th street sewer, between 9th and 10th avenues.

104th street sewer, from 650 feet east of 10th avenue to
75 feet west of 9th avenue.
113th street sewer, between 10th avenue and summit
east of 10th avenue.

113th street sewer, between Madison and 5th avenues,
etc.

122d street sewer, between 6th avenue and summit
west of Sixth avenue.
122d street sewer, between 7th avenue and summit east
of 7th avenue.

127th street sewer, between 7th and 8th avenues.
129th street sewer, between 7th and 8th avenues.
130th street sewer, between 6th avenue and Summit
west of 6th avenue.

5th avenue basin, west side, between 60th and 61st
streets.
11th street basin, southwest corner Dry Dock street.
60th street basin, northeast corner 5th avenue.
93d street regulating, grading, etc., from 2d avenue to
East river.

152d street regulating, grading, etc., from Boulevard to
Hudson river.
Broadway regulating, grading, etc., from Manhattan
street to 132d street.

18th street paving, from 9th to 10th avenue.
4th avenue paving, at intersection of 83d, 84th, 85th and
86th streets.

104th street paving, between 2d and 3d avenues.
13th avenue paving, between West 11th and West 16th
streets.

49th street fencing vacant lots, south side, between 4th
and Lexington avenues.
80th and 81st streets fencing vacant lots, between Mad-
ison and 5th avenues.

Madison avenue fencing vacant lots, southeast and south-
west corners 127th street.

Section 5 of the said act provides that, "If any such
assessment shall remain unpaid for the period of sixty
days after the date of entry thereof in the said record of
titles of assessments, it shall be the duty of the officer au-
thorized to collect and receive the amount of such assess-
ment, to charge, collect, and receive legal interest thereon,
at the rate of seven per centum per annum, to be calcu-
lated from the date of such entry to the date of payment."

The above assessments are payable to the Collector of
Assessments and Clerk of Arrears, at the "Bureau for
the Collection of Assessments, and of Arrears of Taxes
and Assessments, and of Water Rents," from 9 A. M. until
2 P. M., and all payments made thereon, on or before July 5,
1881, will be exempt from interest as above provided, and
after that date will be subject to a charge of interest at the
rate of seven per cent. per annum from the date of entry
in the record of titles of assessments in said Bureau.

ALLAN CAMPBELL,
Comptroller.

DEPARTMENT OF FINANCE,
BUREAU FOR COLLECTION OF ASSESSMENTS, AND OF
ARREARS OF TAXES AND ASSESSMENTS, AND OF
WATER RENTS, NEW COUNTY COURT-HOUSE,
CITY HALL PARK,
NEW YORK, April 25, 1881.

NOTICE TO PROPERTY-HOLDERS.

PROPERTY-HOLDERS ARE HEREBY NOTI-
fied that the following assessment list was received
by the Collector of Assessments and Clerk of Arrears,
April 25, 1881, for collection:

CONFIRMED APRIL 14, 1881, AND ENTERED APRIL 25, 1881.

89th street opening, from 8th avenue to New road, and
from 12th avenue to the Hudson river.

All payments made on the above assessment on or before
June 24, 1881, will be exempt (according to law) from
interest. After that date interest will be charged at the
rate of seven (7) per cent. from the date of entry.

The above assessments are payable at the "Bureau for
the Collection of Assessments, and of Arrears of Taxes
and Assessments, and of Water Rents," from 9 A. M.
until 2 P. M.

A. S. CADY,
Collector of Assessments and Clerk of Arrears.

NOTICE TO TAXPAYERS.

RELATING TO THE PAYMENT OF UNPAID
TAXES, ASSESSMENTS, AND CROTON WATER
RENTS.

THE COMPTROLLER OF THE CITY OF NEW
York hereby gives notice to owners of real and per-
sonal estate in this city, that all unpaid taxes, assess-
ments, and Croton water rents may now be paid with
interest thereon at the rate of seven per cent. per annum,
as provided by chapter 33 of the Laws of 1881, which is as
follows:

CHAPTER 33.

AN ACT relative to the collection of taxes and assessments,
and of arrears of taxes and assessments, and Croton
water rents, in the City of New York.

(Passed March 16, 1881; three-fifths being present.)

The People of the State of New York, represented in
Senate and Assembly, do enact as follows:

Section 1. If any taxes of any year shall remain unpaid
on the first day of November, after the assessment-rolls
and the warrants to collect such taxes have been delivered
to the Receiver of Taxes in the City of New York, it shall
be the duty of said Receiver to give public notice, by ad-
vertisement for at least ten days in two of the daily news-
papers, and in the CITY RECORD, printed and published in
said city, respectively, that unless the same shall be paid
to him at his office on or before the first day of December,
in any such year, he will immediately thereafter proceed
to collect such unpaid taxes, as provided in the following
section of this act:

Section 2. If any such tax shall remain unpaid on the
said first day of December, it shall be the duty of the said
Receiver of Taxes in said city to charge, receive, and collect
upon such tax so remaining unpaid on that day, in addi-
tion to the amount of such tax, one per centum on the
amount thereof; and to charge, receive, and collect upon
such tax so remaining unpaid on the first day of January
thereafter, interest upon the amount thereof at the rate of
seven per centum per annum, to be calculated from the
day on which said assessment-rolls and warrants shall
have been delivered to the said Receiver of Taxes to the
date of payment.

The same rate of interest shall be so charged and col-
lected upon any tax levied in the year eighteen hundred
and eighty, remaining unpaid at the date of the passage of
this act.

Section 3. All existing provisions of law which impose a
charge and require the collection of interest at the rate of
twelve per centum per annum upon arrears of taxes on
real and personal estate within the City of New York,
upon arrears of assessments for local improvements and
street openings in said city, are hereby repealed; and in lieu
of such charge of interest at the rate of twelve per centum
per annum, there shall be charged and collected by the
officer authorized to collect and receive any such arrears
of taxes and assessments and Croton water rents, interest
upon the amount thereof at the rate of seven per centum
per annum, to be calculated for the same period as inter-
est at the rate of twelve per centum per annum is now re-
quired by law to be calculated thereon. This provision
shall apply to taxes, assessments, or Croton water rents
remaining unpaid and due, for the non-payment of which
the lands and tenements liable therefor shall be hereafter
sold at public auction as now provided by law; provided,
however, that nothing in this act shall be construed to
affect the rights of purchasers at sales for taxes, assess-
ments, or Croton water rents, heretofore made, or to
authorize the redemption of lands and tenements from
sales heretofore made for any lesser sums than the sums
collectible for such redemption under the provisions of
existing laws.

Section 4. It shall be the duty of the Comptroller of the
City of New York to give public notice, by advertisement,
for at least ten days, in the CITY RECORD, printed and
published in said city, immediately after the confirmation
of any assessment for a local improvement or street open-
ing in said city, that the same has been confirmed,
specifying the title of such assessment and the date of its
confirmation by the Board of Revision and Correction of
Assessments in proceedings for local improvements, and

by the Supreme Court in proceedings for street openings,
and also the date of entry in the record of titles of assess-
ments kept in the Bureau for the Collection of Assessments,
and of Arrears of Taxes and Assessments, and of Croton
water rents, notifying all persons, owners of property
affected by any such assessment, that, unless the amount
assessed for benefit on any person or property shall be
paid within sixty days after the date of said entry of any
such assessment, interest shall thereafter be collected
thereon as provided in the following section of this act,
and all provisions of law or ordinance requiring any other
or different notice of assessments and interest thereon are
hereby repealed.

Section 5. If any such assessment shall remain unpaid
for the period of sixty days after the date of entry thereof
in the said record of titles of assessments, it shall be the
duty of the officer authorized to collect and receive the
amount of such assessment, to charge, collect, and receive
legal interest thereon, at the rate of seven per centum per
annum, to be calculated from the date of such entry to the
date of payment.

Section 6. This act shall take effect immediately.

ALLAN CAMPBELL,
Comptroller.

CITY OF NEW YORK—DEPARTMENT OF FINANCE,
COMPTROLLER'S OFFICE, March 18, 1881.

ORDER OF THE COMPTROLLER OF THE CITY OF NEW YORK, CONSOLIDATING CERTAIN BUREAUX IN THE FINANCE DEPART- MENT

SECTION 3 OF CHAPTER 521 OF THE LAWS
of 1880, requires that heads of departments shall
reduce the aggregate expenses of their respective
departments by a reduction of salaries, and confers upon
them authority to consolidate bureaux and offices for that
purpose, as follows, to wit:

"In making the reduction herein required, every head
of department may abolish and consolidate offices and
"bureaux, and discharge subordinates in the same
"department."

The Comptroller of the City of New York, in pursuance
of the duty imposed and the authority thus conferred upon
him, hereby orders and directs that the following Bureaux
in the Finance Department shall be consolidated, the
consolidation thereof to take effect on the first day of
January, 1881, viz.:

First—"The Bureau, or the Collection of Assessments,
and "The Bureau for the Collection of Arrears of Taxes
and Assessments, and of Water Rents," shall be consoli-
dated as one Bureau, and on and after January 1, 1881,
shall be known as "The Bureau for the Collection of
Assessments and of Arrears of Taxes and Assessments, and
of Water Rents," and possess all the power conferred and
perform all the duties imposed by law and ordinance upon
both said bureaux, and the officers thereof, the chief
officer of which consolidated Bureau shall be called "Col-
lector of Assessments and Clerk of Arrears."

Second—"The Bureau for the Collection of the Revenue
arising from rents, and interest on bonds and mortgages,
revenue arising from the use or sale of property belong-
ing to or managed by the city," and "The Bureau of
Markets," shall be consolidated as one Bureau, and on
and after January 1, 1881, shall be known as "The
Bureau for the Collection of City Revenue and of
Markets," and possess all the powers conferred and per-
form all the duties imposed by law and ordinance upon
both said bureaux, and the officers thereof; the chief
officer of which said consolidated Bureau shall be called
"Collector of City Revenue and Superintendent of
Markets."

CITY OF NEW YORK, FINANCE DEPARTMENT,
COMPTROLLER'S OFFICE, Dec. 31, 1880.

ALLAN CAMPBELL,
Comptroller.

FINANCE DEPARTMENT—COMPTROLLER'S OFFICE,
NEW YORK, January 22, 1880.

NOTICE TO OWNERS OF REAL ESTATE IN THE TWENTY-THIRD AND TWENTY-FOURTH WARDS OF THE CITY OF NEW YORK.

THE COMPTROLLER OF THE CITY OF NEW
York hereby gives notice to owners of real estate in
the Twenty-third and Twenty-fourth Wards, that pursuant
to an act of the Legislature of the State of New York,
entitled "An act to provide for the adjustment and pay-
ment of unpaid taxes due the county of Westchester by
the towns of West Farms, Morrisania, and Kingsbridge,
lately annexed to the city and county of New York,"
passed May 22, 1878, the unpaid taxes of said town have
been adjusted and the amount determined as provided in
said act, and that the accounts, including sales for taxes
levied prior to the year 1874, by the Treasurer of the
County of Westchester, and bid in on account of said
towns, and also the unpaid taxes of the year 1873, known
as Rejected Taxes, have been filed for collection in the
Bureau of Arrears in the Finance Department of the City
of New York.

Payments for the redemption of lands so sold for taxes
by the Treasurer of the County of Westchester, and bid
in on account of said towns, and payments also of said
Rejected Taxes of the year 1873, must be made hereafter
to the Clerk of Arrears of the City of New York.

N.B.—Interest at the rate of twelve per cent. per annum
is due and payable on the amount of said sales for tax
and said rejected taxes.

ALLAN CAMPBELL,
Comptroller.

LEGISLATIVE DEPARTMENT.

THE COMMITTEE ON PUBLIC WORKS OF
the Board of Aldermen will meet every Monday at
two o'clock P. M., at Room No. 8 City Hall.

BERNARD KENNEY,
JOSEPH P. STRACK,
HENRY C. PERLEY,
THOMAS SHELLS,
JAMES L. WELLS,
Committee on Public Works.

ASSESSMENT COMMISSION.

THE COMMISSIONERS APPOINTED BY CHAP-
ter 550 of the Laws of 1880, to revise, vacate, or
modify assessments for local improvements in the City of
New York, give notice to all persons affected thereby that
the notices required by the said act must be filed with
the Comptroller of said city and a duplicate thereof with
the Counsel to the Corporation, as follows:

As to all assessments confirmed subsequent to
June 9, 1880, for local improvements theretofore com-
pleted, and as to any assessment for local improvements
known as Morningside avenues, notices must be filed
within two months after the dates upon which such
assessments may be respectively confirmed.

The notice must specify the particular assessment com-
plained of, the date of the confirmation of the same, the
property affected thereby, and in a brief and concise
manner the objections thereto, showing, or tending to
show, that the assessment was unfair or unjust in re-
spect to said real estate.

Dated, No. 27 CHAMBERS STREET, May 18, 1881.

EDWARD COOPER,
JOHN KELLY,
ALLAN CAMPBELL,
GEORGE H. ANDREWS,
DANIEL LORD, Jr.,
Commissioners under the Act.

JAMES J. MARTIN, Clerk.

THE CITY RECORD.

COPIES OF THE CITY RECORD CAN BE
obtained at No. 2 City Hall (northwest corner
basement). Price three cents each.