

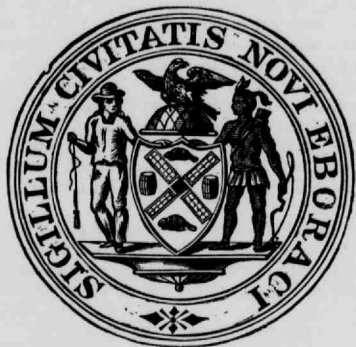
THE CITY RECORD.

OFFICIAL JOURNAL.

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DEPARTMENT OF PUBLIC WORKS.

Report for the Quarter ending March 31, 1882.

DEPARTMENT OF PUBLIC WORKS,
COMMISSIONER'S OFFICE, No. 31 CHAMBERS STREET,
NEW YORK, June 19, 1882.

Hon. WILLIAM R. GRACE, Mayor :

SIR—In accordance with section 27, of the charter, I have the honor to submit to you herewith a report of the transactions of this Department for the three months ending March 31, 1882.

Summary of Expenditures.

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

On account of appropriations raised by taxation.....	\$535,983 74
On account of Assessment Fund for street improvements.....	195,043 17
On account of Revenue Bonds in anticipation of collection of charges for water-meters.....	4,751 77
On account of Special Fund for restoring pavements over street openings.....	5,151 00
On account of Funded Debt for improvement and extension of water supply.....	197,311 79
Total.....	\$938,241 47

BUREAU OF CHIEF-ENGINEER OF THE CROTON AQUEDUCT.

The rainfall in the Croton water-shed for the three months was very abundant, and in consequence of the comparatively short duration of severe cold weather, a larger proportion of it than usual in the winter season passed directly into the streams, reservoirs and lakes without being held back in the form of ice and snow. At Boyd's Corners Reservoir it amounted to 14 95-100 inches, and at the South-East Reservoir to 13 99-100 inches.

In the Bronx river water-shed, at Kensico, the rainfall was 13 58-100 inches. The two storage reservoirs and the lakes from which the city has the right to draw water are filled to high water-mark, holding a reserve supply of 8,150,000,000 gallons of water. The average surplus of water running over the Croton dam into the Hudson river, was 640,000,000 gallons per day. If there were storage capacity to retain this surplus flowing into the Hudson during three months of the year, and aqueduct capacity to convey it to the city, it would give us 200,000,000 gallons of water each day for 288 days, exclusive of the daily flow of the river for that period. This presents a strong contrast with the condition which prevailed toward the close of the long drought of last summer and autumn, when the natural flow of the Croton river was less than 10,000,000 gallons per day, the draft upon the reserve supply in the reservoirs and lakes was upwards of 80,000,000 gallons per day, and this reserve was very nearly exhausted. Many intelligent people who forget or ignore the fact that the supply in the city is at all times limited to the capacity of the Aqueduct, and that any surplus flow in the river, after the existing reservoirs and lakes are filled, is of no use to the city, think that an abundance of rainfall in the Croton basin should produce a corresponding abundance of supply in the city. The most superficial examination of the subject will prove the fallacy of such reasoning. It shows that people are too apt to jump at conclusions on a question of the greatest public importance, worthy of the careful attention and study of every citizen, without knowledge or examination of the circumstances, though these circumstances have been stated over and over again, in the fullest detail, in the reports of this Department and in the public press.

Take these few simple facts:—

In the latter part of October 1881, the flow of the Croton river was less than 10,000,000 gallons per day, and the reserve supply in storage reservoirs and lakes was so reduced that a prolongation of the drought for ten days would have completely exhausted it. During the three months of January, February and March 1882, the average flow of the Croton was over 750,000,000 gallons per day, including the daily supply to the Aqueduct, the water retained to fill the reservoirs and lakes, and the water running over the dam into the Hudson river. This alone, without a drop of rain for the remainder of the year, would give the city a supply of over 200,000,000 gallons per day for the whole year, if we had storage capacity to retain the water, and aqueduct capacity to convey it to the city.

These facts contain the plainest and most convincing evidence of the correctness of the conclusions, presented in my recent special report and that of Mr. Isaac Newton, the Chief Engineer of the Croton Aqueduct, that the most economical, practical and efficient solution of the whole water question lies in the construction of the dam and storage reservoir near the mouth of the Croton, and the aqueduct thence to the city, recommended in that report.

Diligent progress has been made in the surveys for the new storage reservoir on the east branch of the Croton, which will have a capacity of 5,000,000,000 gallons. The titles to the various parcels of land required for the dam and reservoir are being searched, preparatory to the negotiations or legal proceedings to acquire the land.

In consequence of the comparative mildness of the weather and temperature, considerable progress has been made on the works for an additional water-supply from the Bronx and Byram rivers. It is now being prosecuted under five separate contracts, viz.: the dam and reservoir at Kensico; Woodlawn to Bronxville; the conduit line from Bronxville to Tuckahoe; the conduit line from Hartzdale to Kensico; and the line of thirty-six inch pipe from the proposed reservoir at Williamsbridge to Croton avenue.

The aggregate quantities of work done during the quarter, on these several contracts, are as follows:

3,960 tons of pipe delivered.	6,524 lineal feet of pipe laid.
1,668 cubic yards of rock excavated.	
10,246 " " earth excavated.	
31,315 " " filling placed in embankments.	
642 " " dry stone wall built.	
79 " " masonry built.	
4,248 lineal feet of fence wall built.	
40,583 feet B. M. lumber furnished.	

In addition to the ordinary work involved in the care and maintenance of the Aqueduct, reservoirs, and their appurtenances, some progress has been made in the prosecution of the plans for strengthening and improving the Aqueduct. The principal items of this work for the quarter are:

178 cubic yards protection wall built.	
152 " " earth removed from the top to side embankments.	
100 " " stone quarried.	
140 " " stone dressed.	
200 lineal feet of drain-pipe laid.	
60 " " rock trench excavated for waste weir.	
335 " " eight-inch blow-off pipe laid.	

In extending the water-service into new streets:

1,305 lineal feet of 12-inch pipe were laid.	
13,787 " " 6-inch pipe were laid.	
126 new fire hydrants placed.	
15 new stop-cocks set.	

On the 1st of April the distributing system included 514 85-100 miles of pipe, with 5,442 stop-cocks and 6,622 fire hydrants.

Two contracts for furnishing pipe, and three contracts for laying pipe, were made.

The various measures to suppress waste of water were prosecuted with all the rigor possible with a reduced force of inspectors. The number of additional water-meters placed is 663, making the total number in use at the close of the quarter, 5,956. Out of 2,566 house-drains or sewer-connections which were examined during the hours between midnight and 6 A. M., water was found running in 558; in twenty-eight of these, the flow of water was from six to ten gallons per minute.

These examinations show the continuance of the pernicious custom of letting the water run from faucets day and night, not only when the temperature is actually at or below freezing point, but throughout the winter season, when freezing weather may be anticipated. Such waste should never be indulged, even during the severest frost, much less when the winter season is as temperate as the last. The Inspectors examined the plumbing and water-fixtures in 6,334 houses, detecting 604 leaks and 130 cases of wilful waste by leaving faucets open.

The responsibility of maintaining an adequate supply of water for the people of this city imposes upon me the duty of presenting to you and the people again and again in these reports, and at every other opportunity, the extreme necessity of increasing the supply. With the rapid growth of the city in buildings and population, and in the various ways and channels of water consumption, the situation becomes more grave, and the consequences of delay become more alarming from day to day. It seems impossible that at this date any intelligent and unprejudiced individual who has given the matter even the slightest attention or study, can doubt the fact that the present supply, limited as it is by the capacity of our single Aqueduct, will in a very short time be utterly inadequate for the support of life and health, the protection of property, and the necessities of commerce and manufactures. This fact is brought home in a most emphatic manner to thousands of households, as well as to people in all kinds of business, by the gradual and unavoidable decrease of pressure in the delivery of water throughout the city. Yet the appeals of the Department for means and authority to provide the additional supply, and even the requests for further and necessary means to control and stop waste, have not been responded to. The reports of the Department show that complaints of inadequate supply or head of water prevailed in certain parts of the city for eight or ten years past; though then, as well as now, the Aqueduct brought in all the water it is capable of carrying, excepting a few brief periods when extreme drought exhausted the reserve supply in the Croton valley. The use of water-meters, the inspection of house-drains and water-fixtures, the suspension of the use of hose in washing sidewalks and house-fronts, and of other wasteful ways of using water, the improvement of the Aqueduct and of existing means of collecting, receiving and distributing water, have so far enabled the Department to maintain a moderately fair supply, but the extreme limit of the capacity of these expedients to avert danger and injury from inadequate supply of water will be reached by the time that a new Aqueduct and accessories could be completed, even if its construction were authorized and commenced to-morrow.

It is no exaggeration to say that further dalliance with this great question, and further delay in providing the means for a satisfactory solution of it, must be characterized as criminal carelessness, perversity or ignorance. It is a great satisfaction to me that my efforts in devising and securing the speediest, most effective and most practical means of solving the great problem of giving the city the needed water supply for the present and future, have met with your hearty approval and active support, and that, whatever the consequences of a failure to meet the emergency may be, the responsibility for them must be placed elsewhere.

BUREAU OF WATER PURVEYOR.

Several contracts for repaving streets, which remained unfinished at the close of last year, were completed in January, including—

Water street, between Market and Clinton streets.
Bayard street, between Bowery and Market streets.
Tenth avenue, between Forty-second and Forty-eighth streets.
One Hundred and Twenty-fourth street, between First and Third avenues.
The contract for paving Tenth avenue, between One Hundred and Fifty-first and One Hundred and Fifty-fifth streets, payable by assessment, was also finished in January.

An average force of thirty men was employed during the quarter in making such repairs in pavements throughout the city as required immediate attention, and in response to 629 complaints of defects in pavements received by the Department.

On the 11th of February, I sent to the Board of Aldermen my report and certificate that the safety, health and convenience of the public, required the repavement of the following streets:

First—With granite block pavement.

Morris street, between Greenwich and West streets.
Roosevelt street, between Chatham and Front streets.
Fourth street, between Broadway and Thirteenth street.
Thirteenth street, between Fifth and Sixth avenues.
First avenue, between Eighth and Twenty-third streets.
Tenth avenue, between Forty-eighth and Fifty-ninth streets.
Eleventh avenue, between Forty-second and Fifty-second streets.
Livingston place, between Fifteenth and Seventeenth streets.
Fifteenth street, between Second avenue and Avenue B.
Thirty-seventh street, between Third and Lexington avenues.
Fourth street, from Avenue B to Avenue D.

Second—With trap block pavement.

William street, between New Chambers and Pearl streets.
North William street, between Frankfort and Chatham streets.
City Hall place, between Chambers and Pearl streets.
Vandewater street, between Frankfort and Pearl streets.
Rose street, between Frankfort and New Chambers streets.
Water street, between Clinton and Corlears streets.
Rivington street, between Clinton street and East river.
Horatio street, between Fourth street and Thirteenth avenue.
Charles street, between Hudson and West streets.
Weehawken street, between West Tenth and Christopher streets.
Hall place, between Sixth and Seventh streets.
Ninth street, between Avenues B and D.
Seventeenth street, between Sixth and Eighth avenues.
Eighteenth street, between First and Third avenues.
Twenty-fifth street, between Sixth and Twelfth avenues.
Twenty-sixth street, between Sixth and Seventh avenues.
Twenty-sixth street, between Avenue A and East river.
Twenty-seventh street, between Sixth and Eighth avenues.
Twenty-ninth street, between Broadway and Seventh avenue.
Thirty-fifth street, from Eighth to Tenth avenue.
Thirtieth street, between Ninth and Eleventh avenues.
Thirty-sixth street, between Second and Third avenues.
Forty-fourth street, between Madison and Vanderbilt avenues.
Fifty-fourth street, between Seventh and Eighth avenues.
Twenty-fifth street, from First to Second avenue.
Third street, from Avenue B to Goerck street.
Division street, from Bowery to Grand street.

The resolution to authorize such repavement was passed by the Board of Aldermen on the 21st of February, and approved by you on the 2d of March. Contracts and specifications for the work were at once prepared, so that the pavements could be commenced as soon as the season and weather would permit. In the repairs of water-pipes, stop cocks and hydrants under the direction of the Water Purveyor, an average force of 87 men and 9 carts was employed; 337 defects in pipes and 502 fire hydrants were repaired, and ninety-five taps or water connections were shut off on account of leaks in the water fixtures in houses.

Twelve new public drinking hydrants were substituted for old ones, and sixty-one drinking hydrants were repaired.

BUREAU OF SEWERS.

An unusually large amount of work was done during the three months in extending the sewerage system.

9,195 lineal feet of sewers were built.	
210 " " culverts were built.	
12 receiving basins built.	
154 manhole heads and covers set.	

The present extent of sewerage on Manhattan Island and under the charge of the Department of Public Works, is 384 85-100 miles, with 4,606 receiving-basins.

The repairs and cleaning of sewers for the quarter include the following principal items of work :

- 647 receiving basins and culverts cleaned.
- 12,107 lineal feet of sewers cleaned.
- 601 " new sewers built.
- 450 " sewers rebuilt.
- 676 " sewers repaired.
- 52 " culverts rebuilt.
- 51 " spur-pipe laid.
- 30 " receiving basins repaired.
- 5 new manholes built.
- 38 manholes repaired.
- 11 new basin-heads and covers furnished and set.
- 36 new manhole-heads and 73 covers furnished and set.

Plans, contracts and specifications have been prepared for a very large amount of new sewerage work, applied for by property-owners, or ordered by the Health Department.

BUREAU OF STREET IMPROVEMENTS.

During the quarter, work was in progress under the direction of this Bureau, on twenty-seven contracts for regulating, grading, curbing and flagging streets, and one contract for filling the low land extending from One Hundred and Forty-third to One Hundred and Fifty-fifth streets, between Eighth and Ninth avenues.

Two contracts were completed, viz. :

Regulating, grading, etc., Fourth avenue, between Ninety-sixth and One Hundred and Second streets, and regulating, grading, etc., Seventy-fifth street between Tenth avenue and Riverside Drive. The aggregate quantities of work done under the several contracts are—

- 3,450 cubic yards earth excavated.
- 7,600 " rock excavated.
- 31,400 " filling placed in embankments.
- 900 lineal feet curbstones furnished and set.
- 3,600 square feet flagging furnished and laid.
- 1,281 lineal feet picket fence built.

BUREAU OF STREETS AND ROADS.

Extensive repairs were made on most of the macadam roadways and country roads in the upper part of the city, and they were kept in excellent condition for pleasure-driving as well as business traffic during the three months. An average force of 63 men, 18 teams and 3 carts, was employed in this work. Portions of the following roadways were resurfaced with broken stone and gravel :

- Fifth avenue, between One Hundred and Fourteenth and One Hundred and Twentieth streets.
- Avenue A, between Fifty-seventh and Eighty-sixth streets.
- Seventy-second street, between Avenue A and Fifth avenue.
- Avenue St. Nicholas, between One Hundred and Tenth and One Hundred and Fifty-fifth streets.
- Avenue A, between One Hundred and Nineteenth and One Hundred and Twenty-fourth streets.
- Seventh avenue, between One Hundred and Tenth and One Hundred and Fifty-fourth streets.
- One Hundred and Sixteenth street, between Avenue A and Sixth avenue.
- One Hundred and Forty-fifth street, between Eighth avenue and the Boulevard.

BUREAU OF LAMPS AND GAS.

The number of public lamps in use in the city on the 1st of January was 23,521. During the quarter, 101 new lamps were erected and lighted ; 53 old lamps were relighted ; and 86 lamps were discontinued—making the number of lamps in use at the close of the quarter, 23,587, including 55 electric lights.

BUREAU OF REPAIRS AND SUPPLIES.

Extensive repairs and improvements were made during the quarter in various public buildings and offices. In the new Court House a new fire-place was built in the Chamberlain's office ; wood and glass partitions were put up in the office of the Commissioners of Accounts, and four steam radiators with connections were placed in the City Paymaster's Office. A fire-proof vault was built under the sidewalk in front of the building No. 31 Chambers street, for the safe keeping of documents, maps and records of this Department. In the City Hall the rooms occupied by the Twenty-sixth Precinct Police were thoroughly renovated. An additional water connection and a steam pump were placed in the Brown stone Court House. Two water tanks of 2,000 gallons capacity were placed in the Ninth Regiment Armory. General repairs were made in West Washington, Clinton and Catherine Markets, and in the rooms and buildings occupied by the First, Fifth and Seventh District Civil Courts, and First, Third and Fifth District Police Courts and in the County Jail. The contract for the improvements and alterations in the Sixty-ninth Regiment Armory in Tompkin's Market building, has been completed ; also, the contract for similar work and improvements in the Armory in Essex Market building, now occupied by the Fifth Regiment. Considerable extra work had to be done on this building to render it safe under the heavy strains of military drills and maneuvers. The rebuilding of the Beekman street, Front street and Fulton street sections of Fulton Market, was completed in March, and at the close of the quarter the marketmen were moving back into the building. The plans, contract and specifications for rebuilding the South street and central sections of the Market have been prepared. (The bids for this work have since been received, and the contract awarded and signed.)

The eight Public Baths have been thoroughly overhauled and put in order for the coming season. On six of the baths the tanks which float these structures were taken out, caulked, and put back. The new bath authorized by chapter 447, Laws of 1881, to be located on the North river, within the boundaries of the Fifth Ward, will be completed in time to be put in commission early in the season.

BUREAU OF INCUMBRANCES.

This Bureau received during the three months 873 complaints in reference to obstructions and incumbrances on streets and sidewalks. Notices for their removal were issued in each case ; in 235 cases the notices were not complied with, and the articles constituting the obstructions were seized and removed by the Department. The Department also removed 1,201 cart loads of stone and other refuse material from various streets, and issued 1,405 permits for the temporary deposit of building materials on streets ; thirteen permits to cut down shade trees ; 152 miscellaneous permits and eighty-six notices to repair defective sidewalks.

BUREAU OF WATER REGISTER.

The collections of revenue from the water service for the quarter are as follows :

Croton water rents.....	\$127,993 55
Penalties on water rents.....	2,177 25
Permits to tap water pipes.....	1,571 00
Total.....	\$131,741 80

OTHER REVENUE.

The Department also collected and paid into the City Treasury—

For vault permits.....	\$14,285 26
For sewer permits.....	4,049 17
For restoration of pavements over excavations.....	6,527 00
For expenses of furnishing and setting meters.....	8,127 42
For sundries.....	105 57
Total.....	\$33,089 42

Very respectfully,

HUBERT O. THOMPSON,

Commissioner of Public Works.

Document "A,"

Showing Titles of Appropriations ; Appropriations and Transfers of 1881 ; Requisitions from January 1 to December 31, 1881 ; Requisitions on Liabilities of 1881 during First Quarter of 1882 ; Balances of 1881 on April 1, 1882 ; Appropriations and Transfers of 1882 ; Requisitions First Quarter, 1882 ; Balances on April 1 of 1882 ; and the Titles and Condition of the Trust and Special Accounts.

TITLES OF APPROPRIATIONS.	Appropriations and Transfers of 1881.	Requisitions from Jan. 1 to Dec. 31, 1881.	Requisitions on Liabilities of 1881 during First Quarter of 1882.	Balances of 1881 on April 1, 1882.	Appropriations and Transfers for 1882.	Requisitions First Quarter, 1882.	Balances on April 1, 1882.
Aqueduct—Repairs, Maintenance and Strengthening.....	\$230,200 00	\$213,646 79	\$13,278 45	\$3,274 76	\$246,750 00	\$27,917 81	\$218,832 19
Aqueduct—Repairs, Maintenance and Strengthening, Salaries.....	39,792 73	39,792 75	39,792 75	4,958 44	23,250 00	4,958 44	18,291 56
Boulevard, Roads and Avenues—Maintenance.....	66,200 00	62,127 54	4,020 73	51 73	70,000 00	7,500 82	62,439 18
Boulevard, Roads and Avenues—Maintenance, Salaries.....	8,799 93	8,799 93	8,799 93	350 00	6,000 00	350 00	2,050 00
Bridge across Fourth Avenue, at Ninety-seventh Street.....	8,739 00	8,739 00	8,739 00	8,739 00	8,739 00	8,739 00	6,000 00
Construction and Maintenance of additional Public Bath.....	2,415 29	2,095 74	319 55	4,000 00	4,000 00	124 45	3,875 55
Contingencies—Department of Public Works.....	1,500 00	840 22	16 00	643 78	2,500 00	1,178 50	1,321 50
County Court House Building, Completion of.....	18,300 00	7,200 00	8,200 00	3,000 00	.....	.....	.....
Expenses of Surveying, Laying Out, etc.....	15,000 00	7,624 75	7,213 45	171 80	.....	.....	.....
Expenses of Laying Four-foot Croton Mains.....	1,500 00	1,139 85	26 12	334 03	1,500 00	96 00	1,404 00
Fitting up Fifth Regiment Armory—Essex Market.....	.....	.....	.....	.....	3,000 00	.....	3,000 00
Fitting up Sixty-ninth Regiment Armory—Tompkins Market.....	.....	.....	.....	.....	.....	.....	.....
Flagging Sidewalks and Fencing Vacant Lots, etc.....	.....	.....	.....	.....	.....	.....	.....
Foot Bridge across Fourth Avenue, at Forty-first Street.....	.....	.....	.....	.....	.....	.....	.....
Forty-second Street Reservoir—Removal of Pipes.....	12,500 00	8,832 50	138 64	3,538 86	.....	.....	.....
Free Floating Baths.....	16,000 00	13,172 84	1,285 45	1,541 71	15,215 00	.....	15,215 00
Free Floating Baths, Salaries.....	13,980 50	13,980 50	13,980 50	675 00	17,785 00	675 00	17,110 00
Fulton Market—Alterations and Repairs.....	80,000 00	41,841 54	23,160 34	74,998 12	100,000 00	200 00	99,800 00
Jefferson Market—Alterations and Rebuilding.....	.....	.....	.....	.....	70,000 00	.....	70,000 00
Lamps and Gas and Electric Lighting.....	.....	.....	.....	.....	584,108 00	91,188 36	492,919 64
Lamps and Gas and Electric Lighting, Salaries.....	.....	.....	.....	.....	5,892 00	1,444 98	4,447 02
Lamps and Gas.....	512,933 37	473,418 64	39,514 73	.....	.....	.....	.....
Lamps and Gas, Salaries.....	5,344 00	5,344 00	5,344 00	.....	.....	.....	.....
Laying Croton Pipes.....	235,000 00	137,181 21	57,801 45	40,017 34	235,627 00	12,475 65	223,151 35
Laying Croton Pipes, Salaries.....	14,995 42	14,995 42	14,995 42	14,373 00	14,373 00	3,111 99	11,261 01
Public Buildings—Construction and Repairs.....	44,500 00	36,582 73	4,523 12	3,394 15	48,000 00	6,312 44	41,687 56
Public Buildings—Construction and Repairs, Salaries.....	1,898 50	1,898 50	.....	10 00	.....	.....	.....
Public Drinking Hydrants.....	5,999 37	5,999 37	.....	.....	7,000 00	598 75	6,401 25
Removing Obstructions in Streets and Avenues.....	4,198 88	4,033 88	164 70	.....	5,504 00	835 15	4,668 85
Removing Obstructions in Streets and Avenues, Salaries.....	1,798 23	1,798 23	.....	.....	2,495 00	322 00	2,173 00
Repairing and Renewal of Pipes, Stopcocks, etc.....	102,826 71	102,009 42	817 29	.....	105,000 00	26,940 77	78,059 23
Repairing and Renewal of Pipes, Stopcocks, etc., Salaries.....	58,143 90	58,143 90	.....	.....	45,000 00	7,906 59	37,093 41
Repairs and Renewal of Pavements and Regrading.....	147,000 00	136,624 20	8,831 39	1,534 41	195,000 00	4,026 41	190,973 59
Repairs and Renewal of Pavements and Regrading, Salaries.....	43,997 84	43,997 84	.....	.....	5,000 00	1,145 50	3,854 50
Repaving Streets and Avenues.....	393,000 00	285,781 37	61,692 86	45,525 77	342,000 00	.....	342,000 00
Repaving Streets and Avenues, Salaries.....	7,133 93	7,133 93	.....	.....	8,000 00	1,399 33	6,600 67
Roads, Streets and Avenues Unpaved—Maintenance and Sprinkling.....	29,100 00	23,885 46	5,213 95	59	30,000 00	2,685 10	27,314 90
Roads, Streets and Avenues Unpaved—Maintenance and Sprinkling, Salaries.....	900 00	900 00	.....	.....	.....	.....	.....
Salaries—Department of Public Works.....	82,713 18	82,713 18	.....	.....	83,721 84	20,705 05	63,016 79
Sewers—Repairing and Cleaning.....	93,500 00	88,601 40	4,705 54	103 06	114,000 00	16,675 73	97,324 27
Sewers—Repairing and Cleaning, Salaries.....	22,532 73	22,532 73	.....	.....	11,000 00	3,648 00	7,352 00
Sewerage System, Salaries.....	12,399 76	12,399 76	.....	.....	13,000 00	1,850 38	11,149 62
Street Improvements for Surveying, etc.....	1,000 00	154 17	845 83	.....	1,500 00	.....	1,500 00
Street Improvements for Surveying, etc., Salaries.....	250 00	250 00	.....	.....	.....	.....	.....
Supplies for and Cleaning Public Offices.....	90,445 29	86,551 73	3,842 54	51 02	70,000 00	27,734 18	42,265 82
Supplies for and Cleaning Public Offices, Salaries.....	24,784 19	24,784 19	.....	.....	23,000 00	5,911 77	17,088 23
Surveys, Maps, etc., for Street Openings.....	.....	.....	.....	.....	5,000 00	153 19	4,846 81
Supplying Water to Shipping, etc., Salaries.....	7,999 00	7,999 00	.....	.....	9,000 00	2,283 00	6,717 00
Test of Appliances for suppressing Waste of Croton Water.....	.....	.....	.....	.....	5,000 00	.....	5,000 00
Water Supply for the Twenty-fourth Ward.....	12,250 00	3,428 29	6,034 74	2,786 97	13,000 00	504 24	12,495 76
Water Supply for the Twenty-fourth Ward, Salaries.....	602 00	602 00	.....	.....	.....	.....	.....
Wells and Pumps—Repairing and Cleaning.....	500 00	203 74	.....	296 26	500 00	.....	500 00
Totals.....	\$2,472,673 45	\$2,091,123 22	\$251,546 87	\$130,003 36	\$2,544,121 84	\$282,929 58	\$2,261,192 26

MEM.—Requisitions drawn First Quarter, 1882, on Liabilities of 1879; Sewers—Repairing and Cleaning..... \$36 24
Requisitions drawn First Quarter, 1882, on Liabilities of 1880; Repaving Streets and Avenues..... \$1,317 86
County Court House Building, etc..... 153 19 } 1,471 05

TITLES OF TRUST ACCOUNTS.	Balance from 1881.	Receipts First Quarter 1882.	Requisitions drawn First Quarter 1882.	Balance April 1, 1882.	STATEMENT SHOWING REVENUES OF THE CITY RECEIVED THROUGH DEPARTMENT OF PUBLIC WORKS DURING FIRST QUARTER, 1882.
Croton Water Fund.....			\$197,311 79		Water Rents..... \$127,993 55
Street Improvements above Fifty-ninth Street.....			920 37		Water Penalties..... 2,177 25
Street Improvement Fund.....			194,122 80		Pipe Tapping..... 1,571 00
Meter Stock (sec. 5, chap. 213, Laws 1871, and sec. 73, chap. 335, Laws 1873).....			4,751 77		Sewer Permits..... 4,940 17
Restoring and Repaving—Special Fund, D. P. W.....	\$2,795 54	\$5,527 00	5,151 00	\$3,139 54	Vault Permits..... 14,285 26
* Less \$32 00—credited in error in 1881.					Sundries—Commissioners Public Works..... 105 57
					\$151,072 80
					Meter Stock Deposit—Special Fund..... \$8,127 42

C. T. McCLENACHAN, Book-keeper, D. P. W.

Document "B."

A Statement in Detail of Expenditures for which Requisitions were drawn on the Comptroller by the Department of Public Works, during the Quarter ending March 31, 1882.

APPROPRIATIONS.

Aqueduct—Repairs, Maintenance and Strengthening, for 1881—

Boiler, etc., at High Bridge.....	\$2,954 25
Brick and clay.....	17 50
Building stone.....	990 00
Coal.....	861 00
Freight on castings.....	170 00
Pay-rolls.....	4,428 33
Plumbing repairs.....	56 24
Repairing engine.....	1,970 70
Repairing tools.....	761 80
Taxes.....	560 99
Traveling expenses.....	507 64

Total \$13,278 45

Aqueduct—Repairs, Maintenance and Strengthening, for 1882—

Cement.....	\$218 95
Coal and wood.....	5,598 12
Cut stone.....	992 00
Dockage.....	51 50
Feed-pump, etc.....	427 55
Furnace.....	294 95
Lumber.....	1,592 81
Manure.....	187 50
Marble ashlar.....	271 60
Oil.....	625 93
Pay-rolls.....	11,757 60
Plumbing repairs.....	11 33
Removing wreck.....	35 00
Rent of office.....	81 25
Rope and tile.....	263 87
Sand.....	350 00
Supplies.....	193 55
Taxes.....	3,446 85
Telegraph poles.....	562 50
Tools.....	639 95

Total \$27,917 81

Aqueduct—Repairs, Maintenance and Strengthening—Salaries for 1882—

Pay-rolls.....	\$4,958 44
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Boulevards, Roads and Avenues, Maintenance of, for 1881—

Coal.....	\$38 50
Gravel.....	598 60
Horse-keeping.....	93 50
Lead.....	40 00
Lumber.....	362 55
Pay-rolls.....	2,725 59
Wheels, axles, etc.....	161 99

Total \$4,020 73

Boulevards, Roads and Avenues—Maintenance of, for 1882—

Iron and steel.....	\$166 23
Pay-rolls.....	7,299 79
Repairing roof.....	64 48
Supplies.....	30 32

Total \$7,560 82

Boulevard, Roads and Avenues—Maintenance of—Salaries for 1882—

Pay-rolls.....	\$350 00
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Contingencies—Department of Public Works, for 1881—

Incidental expenses.....	\$200 00
Traveling.....	119 55

Total \$319 55

Contingencies—Department of Public Works, for 1882—

Incidental expenses.....	\$100 00
Traveling.....	24 45

Total \$124 45

County Court House—Completion of, for 1880—

Carpenter work.....	\$101 04
Window guards.....	52 15

Total \$153 19

Expenses of Surveying—Laying out, etc., for 1881—

Stakes.....	\$16 00
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Expenses of Surveying—Laying out, etc., for 1882—

Pay-rolls.....	\$1,178 50
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Fitting up Fifth Regiment Armory, Essex Market, for 1881—

Tearing down, shoring up, etc.....	\$8,100 00
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Fitting up Sixty-ninth Regiment Armory, Tompkin's Market, for 1881—

Completing work.....	\$4,655 00
Flooring and trimmings.....	1,600 00
Pay-roll.....	118 50
Plumbing.....	86 95
Snow-guard, etc.....	753 00

Total \$7,213 45

Flagging Sidewalks and Fencing Vacant Lots, etc., for 1881—

Gansevoort street pipe-yard.....	\$26 12
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Flagging Sidewalks and Fencing Vacant Lots, etc., for 1882—

Pay-rolls.....	\$96 00
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Forty-second street Reservoir—Removal of Pipes, for 1881—

Pay-rolls.....	\$138 64
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Free Floating Baths for 1881—

Carpenter's repairs.....	\$432 55
Coal.....	17 25
Storing baths.....	757 00
Traveling expenses.....	78 65

Total \$1,285 45

Free Floating Baths—Salaries for 1882—

Pay-rolls.....	\$675 00
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Fulton Market—Alterations and Repairs, for 1881—

Alterations.....	\$20,700 00
Connecting sewer.....	105 07
Laying water pipes.....	850 45
Painting.....	709 82
Superintendence.....	695 00
Surveying.....	100 00

Total \$23,160 34

Fulton Market—Alterations and Repairs, for 1882—

Inspecting.....	\$200 00
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Lamps and Gas for 1881—

Lighting streets, Central Gas-light Co.....	\$4,649 44
" " Harlem.....	7,877 13
" " Manhattan.....	9,711 00
" " Metropolitan.....	6,608 94
" " New York.....	5,282 15
" " N. Y. Mutual.....	1,309 15
" " Northern.....	3,196 42
" " Yonkers.....	255 00
" " Brush Electric Illuminating Co.....	625 50

Total \$39,514 73

Lamps and Gas and Electric Lighting, for 1882—

Cropheads.....	\$225 00
Gas Examinations.....	312 00
Lamps.....	1,450 00
Lamp Globes.....	400 00
" Irons.....	150 00
" Posts.....	1,312 50
" " Guards.....	271 04
Lighting Armory, Battery B.....	7 18
" " " E.....	65 63
" " " K.....	18 55
" " Fifth Regiment.....	52 50
" " Seventh.....	1,297 98
" " Eighth.....	170 81
" " Ninth.....	345 10
" " Eleventh.....	64 93
" " Twelfth.....	142 45
" " Twenty-second Regiment.....	271 60
" " Sixty-ninth.....	230 11
" " Seventy-first.....	161 52
" Brown-stone Building.....	44 97
" City Hall.....	337 92
" County Jail.....	419 30
" Court—First District Civil.....	35
" " Second.....	10 15
" " Fourth.....	13 30
" " Fifth.....	5 25
" " Sixth.....	4 20
" " Eighth.....	2 46
" " Ninth.....	4 05
" " First.....	154 71
" " Second.....	115 33
" " Third.....	80 85
" " Fourth.....	59 50
" " Fifth.....	24 07
" " Special Sessions.....	70
" Court House, New.....	875 88
" " Third District clock.....	209 83
" Engine House, High Bridge.....	105 52
" " Ninety-eighth street.....	158 18
" Market, Catharine.....	36 47
" " Centre.....	228 03
" " Clinton.....	138 59
" " Essex.....	74 90
" " Fulton.....	261 62
" " Jefferson.....	93 62
" " Thompsons.....	239 40
" " Union.....	10 32
" " Washington.....	332 15
" Office, Assessment Commissioners.....	4 55
" " Corporation Attorney.....	40 78
" " Department of Public Works.....	183 10
" " Receiver of Taxes.....	219 44
" Photometrical rooms.....	26 62
" Rivington street Pipe yard.....	3 85
" South Gate-house.....	8 32
Streets, Central Gas-light Co.....	9,197 40
" " Manhattan.....	19,413 72
" " Metropolitan.....	13,296 37
" " Harlem.....	16,047 14
" " New York.....	10,632 21
" " New York Mutual Gas-light Co.....	2,606 24
" " Northern.....	6,135 11

Lamps and Gas and Electric Lighting, for 1882—

Lighting Streets, Yonkers Mutual Gas-light Co.	\$510 00
" " Brush Electric Illuminating Co.	1,172 22
Pay-rolls	450 00
Regulators	250 77
Total	\$91,188 36

Lamps and Electric Lighting (Salaries) for 1882—

Pay-rolls	\$1,444 98
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Laying Croton Pipes, for 1881—

Cast-iron pipe	\$31,753 94
Cement	44 35
Coke	35 00
Galvanized pipe	541 79
Hydrant boxes	1,175 00
Hydrants	8,542 20
Laying pipe	5,845 00
Lead	553 66
Setting fire hydrants	2,724 23
Stopcocks	4,979 75
Stopcock boxes and covers	2,751 57
Repairing service pipe	800 73
Traveling expenses	54 23
Total	\$57,801 45

Laying Croton Pipes, for 1882—

Hydrants	\$5,547 00
Pay-rolls	2,519 20
Placing hydrants	4,239 79
Vault frames and covers	109 66
Total	\$12,475 65

Laying Croton Pipes—Salaries for 1882—

Pay-rolls	\$3,111 99
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Public Buildings—Construction and Repairs, for 1881—

Armory, Fifth Regiment	\$183 00
Armory, Eleventh Regiment	33 72
Brown-stone Building	2,892 00
Bureau Repairs and Supplies	33 80
City Hall	77 19
City Prison	76 72
Court, Sixth Dist., Civil	46 76
" " Seventh District, Civil	139 93
" " Third District, Police	13 32
" " Fifth District, Police	26 05
Court House, Third District	50 00
" " Seventh District	7 75
" " New	307 31
Market, Centre	41 62
" Franklin	155 31
" Thompsons	171 80
No. 27 Chambers street	31 96
No. 31 " "	171 11
Register's Office	63 77
Total	\$4,523 12

Public Buildings—Construction and Repairs, for 1882—

Armory, Sixty-ninth Regiment	\$459 42
Brown-stone Building	934 68
Bureau Repairs and Supplies	195 85
City Hall	373 04
City Prison	3 43
County Jail	127 70
Court, First District, Civil	1,007 66
" " Second District, Civil	10 47
" " Third District, Police	958 72
" " Fifth District, Police	420 09
Court House, Seventh District	20 05
" " New	393 96
Market, Catharine	536 74
" Clinton	174 30
" Thompsons	203 25
No. 31 Chambers street	55 01
Pay-rolls	342 00
Register's Office	96 07
Total	\$6,312 44

Public Drinking Hydrants, for 1882—

Repairing Hydrants	\$598 75
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Removing Obstructions in Streets and Avenues, for 1881—

Trucking and labor	\$164 70
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Removing Obstructions in Streets and Avenues, for 1882—

Pay-rolls	\$88 00
Trucking and labor	747 15
Total	\$835 15

Removing Obstructions in Streets and Avenues—Salaries for 1882—

Pay-rolls	\$322 00
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Repairing and Renewal of Pipes, Stopcocks, etc., for 1881—

Hydrants and waste cocks	\$352 35
Setting meters	116 66
Tapping cocks	262 50
Traveling expenses	85 78
Total	\$817 29

Repairing and Renewal of Pipes, Stopcocks, etc., for 1882—

Coal	\$182 50
Galvanized pumps	27 75
Lumber	914 64
Oil and Tallow	108 97
Pay-rolls	20,511 99
Repairs at Pipe Yard	912 15
Salt	32 00
Steel, iron, etc.	746 62
Stop-cock boxes and covers	754 65
Tapping cocks	1,860 00
Waste valves, etc.	889 50
Total	\$26,940 77

Repairing and Renewal of Pipes, Stop-cocks, etc.—Salaries for 1882—

Pay-rolls	\$7,906 59
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Repairs and Renewal of Pavements and Regrading, for 1881—

Concrete pavement	\$990 00
Horse keeping	33 25
Laying crosswalks	269 11
" pavement—Fifth avenue	646 00
" " Twenty-second street	2,814 25
" " Forty-fourth street	227 88
" " One Hundred and Fifteenth street	308 17
Relaying gutters	300 00
" pavements	2,013 18
Sand and cement	701 00
Setting curb	356 70
Storing stone	27 00
Trucking	144 85
Total	\$8,831 39

Repairs and Renewal of Pavements and Regrading, for 1882—

Bridge stone	\$954 20
Horse-keeping	56 35
Pay-rolls	2,564 06
Repairing pavements	445 80
" tools	16 00
Total	\$4,036 41

Repairs and Renewal of Pavements and Regrading—Salaries, for 1882—

Pay-rolls	\$1,145 50
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Repaving Streets and Avenues, for 1880—

Seventh street and Second avenue, John Loomam, contractor	\$1,317 86
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Repaving Streets and Avenues, for 1881—

Broadway, between Seventeenth and Twenty-second streets, J. H. Perkins, Contractor	\$5,073 25
Ann, Frankfort, Jacob and Front streets, W. A. Cumming, Contractor	7,462 33
Water and Bayard streets, Thos. Gearty, Contractor	10,617 67
Eleventh, Stanton and West Tenth streets, M. Shannon, Contractor	10,750 57
One Hundred and Twenty-fourth street, between First and Third avenues, James Everard, Contractor	6,688 81
Tenth avenue, between Forty-second and Forty-eighth streets, J. G. Smith, Contractor	21,100 23
Total	\$61,692 86

Repaving Streets and Avenues—Salaries for 1882—

Pay-rolls	\$1,399 33
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Roads, Streets and Avenues unpaved—Maintenance and Sprinkling, for 1881—

Broken stone	\$1,615 00
Building and covering stone	236 80
Gravel	900 00
Horse-keeping	84 00
Lumber and spikes	158 58
Pay-rolls	1,251 87
Repairing tools	67 70
Stone chips	900 00
Total	\$5,213 95

Roads, Streets and Avenues unpaved—Maintenance and Sprinkling, for 1882—

Pay-rolls	\$2,685 10
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Salaries—Department of Public Works for 1882—

Pay-rolls	\$20,705 05
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Sewers—Repairing and Cleaning, for 1879—

Repairing manhole	\$36 24
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Sewers—Repairing and Cleaning, for 1881—

Cement and brick	\$183 50
Horse-keeping	168 00
Manhole heads and covers	367 82
Pay-rolls	2,574 61
Removing basin head	5 00
Repairing instruments	22 85
" sewers	973 90
Traveling expenses	409 86
Total	\$4,705 54

Sewers—Repairing and Cleaning, for 1882—

Building manholes	\$292 00
Candles and globes	90 00
Horse-keeping	28 00
Lumber	42 00
Manhole heads and covers	1,810 33
Pay-rolls	6,568 60
Repairing sewers	7,329 40
Supplies	148 44
Tools	216 96
Traveling expenses	150 00
Total	\$16,675 73

Sewers Repairing and Cleaning—Salaries for 1882—

Pay-rolls	\$3,648 00
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Sewerage System—Salaries for 1882—

Pay-rolls	\$1,850 38
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Street Improvements for Surveying, Monumenting, etc., for 1881—

Pay-rolls	\$845 83
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Supplies for and Cleaning Public Offices, etc., for 1881—

Armory, Fifth Regiment	\$3 50
" Eighth " "	24 00
" Ninth " "	110 00
" Eleventh " "	30 59
" Battery "K" "	53 79
Brown-stone Building	379 23
Bureau Repairs and Supplies	188 46
City Hall	761 91
City Prison	90 00
Court, First District, Civil	1 22
" Second " " "	35 10
" Fourth " " "	2 26
" Fifth " " "	20 68
" Sixth " " "	26 55
" Eighth " " "	21 66
" Ninth " " "	7 90
" Tenth " " "	77 89
" First " Police	5 30
" Third " " "	29 70
" Fifth " " "	19 30
" Sixth " " "	20 16

Supplies for and Cleaning Public Offices, etc., for 1881—

Court, Common Pleas	\$74 67
“ Special Sessions	18 40
“ Supreme	75 00
Court House, Third District	43 80
“ “ Seventh “	2 59
“ “ New	733 29
Office, Department of Finance	61 71
“ “ Public Works	220 56
“ “ Taxes and Assessments	72 25
“ Dog Pond	6 00
“ Assessment Commission	29 25
“ Commissioners of Accounts	2 50
“ Corporation Attorney	18 00
“ Counsel	144 82
“ Receiver of Taxes	395 00
“ Surrogate	12 00
Rivington street Yard	23 50
Total	\$3,842 54

Supplies for and Cleaning Public Offices, for 1882—

Armory, First Battery	\$60 00
“ Second “	42 00
“ Seventh Regiment	740 00
“ Ninth “	365 50
“ Eleventh “	66 00
“ Twelfth “	74 50
“ Twenty-second Regiment	276 00
“ Sixty-ninth “	263 00
“ Seventy-first “	12 00
Board of Assessors	33 45
“ Aldermen	149 22
Brown-stone Building	580 00
Bureau of Repairs and Supplies	1,644 23
City Hall	1,411 85
Court, First District, Civil	246 70
“ Second “	164 00
“ Fourth “	189 25
“ Fifth “	15 00
“ Sixth “	48 00
“ Seventh “	14 90
“ Eighth “	48 00
“ Ninth “	66 90
“ First “ Police	84 00
“ Second “	8 00
“ Third “	100 70
“ Fourth “	180 00
“ Fifth “	235 60
“ Sixth “	87 00
“ Common Pleas	67 60
“ General Sessions	29 50
“ Marine	530 79
“ Special Sessions	101 15
“ Superior	518 00
“ Supreme	298 00
“ Surrogates	182 10
Court House, New	3,140 23
“ Third District	462 00
“ Seventh “	210 00
Department of Finance	53 00
“ Public Works	820 27
“ Taxes and Assessments	19 50
Office of City Record	17 00
“ Commissioners of Accounts	2 00
“ Corporation Attorney	42 00
“ Counsel	20 50
“ County Clerk	25 00
“ District Attorney	504 90
“ Mayor	18 90
“ Public Administrator	24 00
“ Receiver of Taxes	28 23
“ Recorder	29 50
Pay-rolls	13,356 21
“ Pipe Yard, Rivington street	6 00
“ “ Twenty-fourth street	22 00
Total	\$27,734 18

Supplies for and Cleaning Public Offices—Salaries for 1882—

Pay-rolls	\$5,911 77
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Surveys, Maps, etc., for Street Openings, for 1882—

Pay-rolls	\$153 19
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Supplying Water to Shipping, and for Building Purposes—Salaries for 1882—

Pay-rolls	\$2,283 00
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Water Supply for the Twenty-fourth Ward, for 1881—

Cast-iron pipe	\$6,034 74
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Water Supply for the Twenty-fourth Ward, for 1882—

Pay-rolls	\$240 00
Supply of Water	264 24
Total	\$504 24

RECAPITULATION OF APPROPRIATIONS.

Aqueduct—Repairs, Maintenance and Strengthening—1881	\$13,278 45
Aqueduct—Repairs, Maintenance and Strengthening—1882	27,917 81
Aqueduct—Repairs, Maintenance and Strengthening—Salaries	4,958 44
Boulevard, Roads and Avenues—Maintenance of—1881	4,020 73
Boulevard, Roads and Avenues—Maintenance of—1882	7,560 82
Boulevard, Roads and Avenues—Maintenance of—Salaries	350 00
Contingencies—Department of Public Works—1881	319 55
Contingencies—Department of Public Works—1882	124 45
County Court House—Completion of—1880	153 19
Expenses, Surveying, Laying out, etc.—1881	16 00
Expenses, Surveying, Laying out, etc.—1882	1,178 50
Fitting up Fifth Regiment Armory, Essex Market—1881	8,100 00
Fitting up Sixty-ninth Regiment Armory, Tompkins Market—1881	7,213 45
Flagging Sidewalks and Fencing Vacant Lots—1881	26 12
Flagging Sidewalks and Fencing Vacant Lots—1882	96 00
Forty-second street Reservoir—Removal of Pipes—1881	138 64
Free Floating Baths—1881	1,285 45
Free Floating Baths—Salaries	675 00
Fulton Market—Alterations and Repairs—1881	23,160 34
Fulton Market—Alterations and Repairs—1882	200 00
Lamps and Gas—1881	39,514 73
Lamps, Gas and Electric Lighting—1882	91,188 36
Lamps, Gas and Electric Lighting—Salaries	1,444 98

Laying Croton Pipes—1881	\$57,801 45
Laying Croton Pipes—1882	12,475 65
Laying Croton Pipes—Salaries	3,111 99
Public Buildings—Construction and Repairs—1881	4,523 12
Public Buildings—Construction and Repairs—1882	6,312 44
Public Drinking Hydrants—1882	598 75
Removing Obstructions in Streets and Avenues—1881	164 70
Removing Obstructions in Streets and Avenues—1882	835 15
Removing Obstructions in Streets and Avenues—Salaries	322 00
Repairing and Renewal—Pipes, Stop-cocks, etc.—1881	817 29
Repairing and Renewal—Pipes, Stop-cocks, etc.—1882	26,940 77
Repairing and Renewal—Pipes, Stop-cocks, etc.—Salaries	7,906 59
Repairs and Renewal of Pavements, etc.—1881	8,831 39
Repairs and Renewal of Pavements, etc.—1882	4,036 41
Repairs and Renewals of Pavements, etc.—Salaries	1,145 50
Repaving Streets and Avenues—1880	1,317 86
Repaving Streets and Avenues—1881	61,692 86
Repaving Streets and Avenues—Salaries	1,399 33
Roads, Streets and Avenues—Unpaved, Maintenance and Sprinkling—1881	5,213 95
Roads, Streets and Avenues—Unpaved, Maintenance and Sprinkling—1882	2,685 10
Salaries—Department of Public Works—1882	20,705 05
Sewerage System—Salaries—1882	1,850 38
Sewers—Repairing and Cleaning—1879	36 24
Sewers—Repairing and Cleaning—1881	4,705 54
Sewers—Repairing and Cleaning—1882	16,675 73
Sewers—Repairing and Cleaning—Salaries	3,648 00
Street Improvements—for Surveying, Making and Altering Streets—1881	845 83
Supplies for and Cleaning Public Offices, etc.—1881	3,842 54
Supplies for and Cleaning Public Offices, etc.—1882	27,734 18
Supplies for and Cleaning Public Offices, etc.—Salaries	5,911 77
Surveys, Maps, etc., for Street openings—1882	153 19
Supplying Water to Shipping, etc.—Salaries	2,283 00
Water Supply for the Twenty-fourth Ward—1881	6,034 74
Water Supply for the Twenty-fourth Ward—1882	504 24
Total	\$535,983 74

FUNDS OR TRUST ACCOUNTS.

CROTON WATER FUND.

Cast-iron pipe	\$48,607 89
Cleaning flume	129 75
Coal	381 23
Damages for drawing water	8,500 00
Diamond bits	1,935 00
Engine and boiler	500 00
Land	1,353 30
Laying pipe	70,950 52
Lumber	643 07
Maps	460 00
Pay-rolls	33,871 69
Placing telephone	114 18
Printing evidence, etc.	419 86
Professional services	4,434 35
Rent of mill seat	300 00
Rent of engineer's office	150 00
Repairing pipe	104 75
Repairing tools	256 30
Reservoir on Bronx river	7,032 01
Rubber hose, etc.	90 36
Steam pump, etc.	448 31
Stop-cocks	3,121 05
Subscription	40 00
Supplies	7,911 02
Surveying instruments	284 07
Taxes	405 11
Tools	396 23
Traveling expenses	1,420 54
Use of derrick	50 00
Use of diamond drill	3,000 00
Total	\$197,311 79

METER STOCK.

Crown water meters	\$2,715 00
Worthington water meters	891 00
Setting water meters	1,145 77
Total	\$4,751 77

RESTORING AND REPAIRING—“SPECIAL FUND.”

Pay-roll	\$168 00
Restoring pavements, etc.	4,983 00
Total	\$5,151 00

STREET IMPROVEMENT FUND.

Fencing—	
Ninth avenue, between Seventy-first and Seventy-second streets, P. Lowney, Contractor	\$614 88
Paving—	
Fifth avenue, between Ninetieth and One Hundred and Tenth streets, Jas. Everard, Contractor	\$14,916 64
Ninth avenue, between Boulevard and Seventy-seventh street, Assawassuc Granite Co., Contractors	12,629 75
Tenth avenue, between One Hundred and Fifty-first and One Hundred and Fifty-fifth streets, P. H. Fitzgerald, Contractor	2,315 85
Forty-fourth street, between First and Second avenues, Thos. Gearty, Contractor	3,804 39
Seventy-fifth street, between Third and Fourth avenues, D. M. Grath, Contractor	4,786 22
Seventy-sixth street, between Madison and Fifth avenues, W. A. Cumming, Contractor	2,134 58
Receiving Basin—	
Corner of Christopher and Grove streets, F. Thilemann, Jr., Contractor	171 70
Regulating, Grading, etc.—	
Lexington avenue, between One Hundred and Second street and Harlem river, John Brady, Contractor	\$7,648 50
Lexington avenue, between One Hundred and Second street and Harlem river, M. Gavin, Contractor	12,603 66
Seventy-third street, between Avenue A and East river, P. Farley, Contractor	1,092 70
Seventy-fifth street, between Tenth avenue and Riverside drive, Jas. Slattery, Contractor	1,739 5
Eighty-first street, between Boulevard and Riverside drive, Butler & Reilly, Contractors	1,09 00

Regulating, Grading, etc.—

Eighty-eighth street, between Tenth avenue and Riverside drive, John Brady, Contractor.....	\$1,309 00
One Hundred and First street, between Ninth and New avenues, T. E. Crimmins, Contractor.....	1,625 40
One Hundred and First street, between Second and Third avenues, T. E. Crimmins, Contractor.....	1,050 00
One Hundred and Nineteenth street, between Sixth and Seventh avenues, M. Finn, Contractor.....	1,428 00
One Hundred and Twenty-fifth street, between Manhattan street and Boulevard, J. Phelan, Contractor.....	1,281 00
One Hundred and Seventy-Fifth street, between Tenth avenue and Kingsbridge road, G. F. Doak, Contractor.....	2,894 50
	\$31,981 26

Sewers—

Broadway, between Liberty street and Maiden Lane, S. Rock, Contractor.....	\$1,118 87
Lexington avenue, between Eighty-first and Eighty-second streets, D. Egan, Contractor.....	3,374 40
Lexington avenue, between One Hundred and Tenth and One Hundred and Fifteenth streets, J. F. Gallagher, Contractor.....	336 90
Madison avenue, between One Hundred and Nineteenth and One Hundred and Twenty-first streets, J. Phelan, Contractor.....	3,866 81
Riverside avenue, between Seventy-sixth and Ninety-second streets, A. Dowdney, Contractor.....	1,863 40
Riverside avenue, between Ninety-second and One Hundred and Sixth streets, A. Dowdney, Contractor.....	1,532 16
Riverside avenue, between One Hundred and Sixth and One Hundred and Eleventh streets, A. Dowdney, Contractor.....	2,260 09
Riverside avenue, between One Hundred and Eleventh and One Hundred and Twenty-second streets, C. J. McKim, Contractor.....	7,848 26
Riverside avenue, between One Hundred and Twenty-second and Manhattan streets, Nutt & Kerrins, Contractors.....	3,540 95
West End avenue, between Ninety-first and Ninety-sixth streets, A. Dowdney, Contractor.....	2,240 00
West End avenue, between Ninety-sixth and One Hundred and Fifth streets, A. Dowdney, Contractor.....	2,063 60
First avenue, between Twenty-first and Twenty-fourth streets, Jas. Slattery, Contractor.....	3,751 90
Second avenue, between Ninety-fifth and Ninety-sixth streets, D. K. Gallagher, Contractor.....	1,812 06
Fourth avenue, between One Hundred and Second and One Hundred and Third streets, H. Duffy, Contractor.....	2,289 00
Fourth avenue, between One Hundred and Eighth and One Hundred and Tenth streets, C. Smith, Contractor.....	3,627 51
Fifth avenue, between Fifty-fifth and Fifty-ninth streets, R. A. Cunningham, Contractor.....	36 50
Fifth avenue, between Sixty-ninth and Seventieth streets, L. Rock, Contractor.....	57 30
Ninth avenue, between One Hundred and Fifty-second and One Hundred and Fifty-fifth streets, C. B. Knapp, Contractor.....	3,148 22
Tenth avenue, between Forty-ninth and Fiftieth streets, D. K. Gallagher, Contractor.....	2,670 10
Tenth avenue, between Eighty-third and Ninety second streets, P. T. Masterson, Contractor.....	8,449 39
Sixty-eighth street, between Eighth avenue and Boulevard, Nutt & Kerrins, Contractors.....	2,301 08
Seventieth street, between Ninth avenue and Boulevard, G. F. Woodward, Contractor.....	1,158 15
Seventy-third street, between First and Third avenues, J. Mulholland, Contractor.....	4,070 50
Seventy-eighth street, between Ninth and Tenth avenues, Nutt & Kerrins, Contractors.....	2,359 88
Eighty-first street, between Ninth avenue and Summit west, J. A. Devlin, Contractor.....	3,218 55
Eighty-first street, between Fourth and Madison avenues, F. Thilemann, Jr., Contractor.....	497 40
Eighty-fifth street, between Eighth and Ninth avenues, John Slattery, Contractor.....	2,788 10
Eighty-seventh street, between Ninth and Tenth avenues, J. Brady, Contractor.....	2,009 00
Ninety-sixth and Ninety-seventh streets, between Third and Lexington avenues, A. Dowdney, Contractor.....	4,916 32
One Hundred and Tenth street, between New and Ninth avenues, M. Noonan, Contractor.....	3,567 40
One Hundred and Eighteenth street, between Sixth and Seventh avenues, D. K. Gallagher, Contractor.....	201 30
One Hundred and Forty-first street, between Seventh and Eighth avenues, John Slattery, Contractor.....	5,571 54
West street, between Spring and West Eleventh streets, James Baird, Contractor.....	14,833 00
	103,379 64

Pay-rolls—Inspectors—Paving.....	91 00
“ “ —Regulating, Grading, etc.....	3,039 00
“ “ —Sewers.....	5,504 00
“ “ —Engineers, etc., Sewers.....	4,530 37
Surveyor's Fees.....	4,223 52

STREET IMPROVEMENTS ABOVE FIFTY-NINTH STREET.

Morningside avenue—West—

Pay-rolls.....	\$916 37
Repairing instruments.....	4 00
Total.....	\$920 37

RECAPITULATION OF TRUST ACCOUNTS.

Croton Water Fund.....	\$197,311 79
Meter Stock.....	4,751 77
Restoring and Repaving—Special.....	5,151 00
Street Improvement Fund—Fencing.....	\$614 88
“ Paving.....	40,587 43
“ Receiving Basins.....	171 70
“ Regulating, Grading, etc.....	31,981 26
“ Sewers.....	103,379 64
“ Pay-rolls—Inspectors—Paving.....	91 00
“ “ —Regulating, Grading, etc.....	3,039 00
“ “ —Sewers.....	5,504 00
“ “ —Engineers— “.....	4,530 37
“ Surveyor's Fees.....	4,223 52
	\$194,122 80
Street Improvements above Fifty-ninth street.....	920 37
Total.....	\$402,257 73

GENERAL SUMMARY.

Appropriations.....	\$535,983 74
Trust Accounts, etc.....	402,257 73
Total for Quarter.....	\$938,241 47

Document “C.”

Contracts made during the three months ending March 31, 1882.

DATE.	NATURE AND LOCATION OF WORK.	CONTRACTOR.	SURETIES.	ESTIMATED COST.
<i>Sewer Contracts.</i>				
Mar. 30	Sewer in Fourth avenue, east side, between 82d and 83d streets.....	M. P. H. Casey.....	F. J. Schroeder, 164 Second avenue.. P. Casey, 434 E. 81st street....	\$1,370 00
“ 28	Sewer in Cherry street, between Corlears and Jackson streets.....	C. Smith, 10th ave., bet. 69th and 70th streets..	C. C. Ellis, 443 Ninth avenue... H. L. Hoguet, 48 W. 28th street....	3,205 20
“ 28	Sewer in Mangin street, bet. Broome and Delancey streets, and bet. Livingston and Stanton streets.....	C. Smith, 10th ave., bet. 69th and 70th streets..	C. C. Ellis, 443 Ninth avenue... H. L. Hoguet, 48 West 28th street..	4,601 10
				\$9,236 30
<i>Regulating, Grading, etc. Contracts.</i>				
“ 28	Regulating and grading 153d st., from Ninth av. to Avenue St. Nicholas..	John B. Healy, 216 E. 113th street....		\$942 35
“ 28	Regulating and grading 152d st., from Ninth av. to Avenue St. Nicholas..	John B. Healy, 216 E. 113th street....		844 20
“ 28	Flagging east side Fifth avenue, between 65th and 66th streets.....	Patrick Larney, 325 E. 38th street....		264 64
“ 28	Flagging 43d street, between Lexington and Fourth avenues.....	Patrick Larney, 325 E. 38th street....		547 12
“ 28	Regulating and grading 129th street, from Sixth to Seventh avenues.....	Patrick Larney, 325 E. 38th street....		832 95
Feb. 25	Fencing vacant lots on both sides of Ninth avenue, bet. 71st and 72d streets, and on both sides of 71st st., between Ninth and Tenth avenues..	Patrick Larney, 325 E. 38th street....		686 98
				\$4,182 24
<i>Laying Croton Mains.</i>				
Mar. 3	Laying Croton mains in Jerome avenue, from Croton avenue to a point 7,500 feet south.....	James Everard, Hoffman House....	Charles Guidet, 41 Park avenue.... Sheridan Shook, Morton House....	\$19,732 00
“ 3	Laying Croton mains in 22d, Frankfort, 15th, 23d, Beaver, Rose, Cherry, Greene and West streets..	James Everard, Hoffman House....	Charles Guidet, 41 Park avenue.... Sheridan Shook, Morton House....	19,898 00
“ 3	Laying Croton mains in St. Nicholas, Park, A. Fourth, Robbins and Concord avenues.....	John Cornwell, 304 E. 116th street..	Geo. W. Middleton, Beekman & Front sts. Amos Robbins, 33 Fulton Market...	2,080 00
				\$41,710 00

MISCELLANEOUS.

DATE.	NATURE AND LOCATION OF WORK.	CONTRACTOR.	SURETIES.	ESTIMATED COST.
Mar. 6	Furnishing materials and laying asphalt flooring in portions of Fulton market.....	Francis Swift, 41 Peck slip.....	Geo. W. Middleton, Beekman & Front sts. Amos Robbins, 33 Fulton Market...	\$2,080 00
“ 8	Furnishing cast-iron water-pipes, branches and special castings....	Theodore Sturges, Brooklyn.....	Percy R. Pyne, 25 E. 22d street.... Samuel Sloan, 21 W. 17th street....	51,200 00
“ 13	Furnishing cast-iron water-pipes, branches and special castings....	Warren Foundry and Machine Co., Phillipsburg, N. J....	F. A. Potts, 1101 Broadway.... R. Campbell, 5 Madison avenue..	62,900 00
				\$116,180 00

RECAPITULATION.

3 Sewer contracts.....	\$9,236 30
6 Regulating, grading, flagging and fencing contracts.....	4,182 24
3 Croton main contracts.....	41,710 00
3 Miscellaneous contracts.....	116,180 00
15 Contracts.....	\$171,308 54

Contracts completed during the three months ending March 31, 1882.

DATE.	NATURE AND LOCATION OF WORK.	AMOUNT.
Jan. 3	Sewer..... In 81st street, between Ninth avenue and Summit, west of Ninth avenue.....	\$4,025 99
“ 3	Paving..... 44th street, between Second and First avenues, with trap-block pavement.....	4,328 13
“ 3	Paving..... Fifth avenue, from 90th to 110th street, with macadam pavement.	41,349 01
“ 18	Paving..... 75th street, from Third to Fourth avenues, with trap-block pavement.....	5,500 12
“ 16	Paving..... Ninth avenue, from Boulevard to 77th street, with granite pavement.....	38,500 12
“ 19	Receiving basin..... At junction of Christopher and Grove street.....	225 98
“ 21	Sewer..... In 110th street (between New avenue, between Eighth and Ninth avenues) and Ninth avenue, and in New avenue, west of Morningside Park, between 110 and 116 streets.....	20,077 84
“ 31	Sewer..... In Broadway, east side, between Liberty st. and Maiden lane..	1,726 15
“ 31	Sewer..... In Fourth avenue, west side, between 108th and 110th streets, and 109th street, between Fourth and Fifth avenues, and in Madison avenue, between 109th and 110th streets.....	7,702 59
Feb. 7	Sewer..... In 85th street, between Eighth and Ninth avenues.....	8,308 13
“ 27	Sewer..... In 96th and 97th streets, between Third and Lexington avenues.	11,758 65
“ 27	Sewer..... In Tenth avenue, between 49th and 50th streets.....	3,511 89
“ 24	Sewer..... In 141st street, between Seventh and Eighth avenues.....	6,429 01
Mar. 4	Sewer..... In Tenth avenue, east side, between 83d and 92d streets, and in 86th street, between Eighth and Ninth avenues, etc.....	37,425 48
“ 17	Extension of sewer..... In 8th street, between Fourth and Madison avenues.....	759 80
“ 17	Sewer..... In Lexington avenue, between 81st and 82d streets.....	4,306 29
“ 17	Sewer..... In First avenue, between 21st and 24th street.....	8,913 32
Jan. 7	Paving..... Tenth avenue, from 42d to 48th streets, with granite block pavement.....	21,100 23
Feb. 24	Furnishing..... Cast-iron water-pipes, branches and special castings.....	52,000 15
Mar. 3	Repairs and alterations..... Of Tompkins market.....	11,855 00
“ 6	Furnishing and laying flooring..... In Tompkins market.....	1,600 00
“ 10	Laying Croton mains..... In St. Ann, Elton, Union, Locust, Cliff, 138th, 143d, and 160th streets, etc.....	9,685 34
		\$301,089 22

RECAPITULATION.

12 Sewer contracts.....	\$114,945 14
4 Paving “.....	89,677 38
1 Repairing contract.....	21,100 23
1 Laying Croton main contract.....	9,685 34
1 Cast-iron water-pipe main contract.....	52,000 15
2 Miscellaneous contracts.....	13,455 00
1 Basin contract.....	225 98
22 Contracts.....	\$301,089 22

Document "D."

REPORT OF THE CHIEF-ENGINEER OF THE CROTON AQUEDUCT.

DEPARTMENT OF PUBLIC WORKS,
OFFICE OF CHIEF-ENGINEER,
31 CHAMBERS STREET, ROOM 10,
NEW YORK, April 26, 1882.

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

Sir—I have the honor to submit the following report for the quarter ending March 31, 1882:

During the quarter there had 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.....	\$40,149 65
Aqueduct—Repairs, Maintenance, and Strengthening—Salaries.....	4,958 44
Croton Water Fund.....	202,131 09
Expense—Surveying and Laying Out, under chapter 587, Laws of 1881.....	1,194 50
Forty-second Street Reservoir—Removal of Pipes.....	138 64
Laying Croton Pipes.....	51,797 14
Laying Croton Pipes—Salaries.....	3,111 99
Meter Stock.....	4,751 77
Repairing and Renewal of Pipes, Stop-cocks, etc.....	7,186 28
Repairing and Renewal of Pipes, Stop-cocks, etc.—Salaries.....	11,256 97
Supplying Water for the Twenty-fourth Ward.....	6,713 48
Supplying Water for Shipping and Building Purposes.....	2,283 00
Total.....	\$335,672 95

STORAGE RESERVOIRS AND PROCURING WATER.

The Reservoirs, and Lakes Kirk, Mahopac and Barrett have filled during the quarter.

The searches and surveys for a new storage reservoir on the east branch of the Croton River have been continued.

Rain-fall—1882.

	JANUARY.	FEBRUARY.	MARCH.	TOTAL INCHES.
Boyd's Corners Reservoir.....	4.41	5.96	4.58	14.95
South East Reservoir.....	4.60	5.95	3.44	13.99
Kensico Reservoir.....	5.82	3.49	4.27	13.58

Bronx River Supply.

The Commissioners appointed to appraise the value of lands required have held several meetings during the quarter, and viewed the lands required between Hartzdale and Bronxville.

The following work has been done during the quarter:

At Kensico Reservoir.

405 cubic yards rock excavation.
2,070 " " earth "
14,030 " " embankment.
400 " " dry stone wall.
4,248 lineal feet fence wall.

On Conduit between Kensico and Hartzdale.

1,784 tons straight pipe delivered on work.
163 cubic yards rock excavation.
3,926 " " earth "
10,585 " " embankment.
19 " " stone masonry.
242 " " dry stone wall.
2,764 lineal feet 48-inch pipe laid.
40,583 feet B. M. hemlock lumber.

On Conduit between Bronxville and Woodlawn.

852 tons straight pipe delivered on work.
8 " branches, etc., "
800 cubic yards rock excavation.
2,750 " " earth "
5,400 " " embankment.
60 " " stone masonry.
2,710 lineal feet 48-inch pipe laid.

On Conduit between Bronxville and Tuckahoe.

653 tons straight pipe delivered.
3 " branches, etc., "

Furnishing and Laying Pipe between Croton avenue and Williamsbridge road.

661 tons straight pipe delivered.
35 " branches, etc., "
300 cubic yards rock excavation.
1,500 " " earth "
1,300 " " filling.
1,050 lineal feet 36-inch pipe laid.

LAYING CROTON PIPES.

The contract has been completed for laying mains in St. Ann's avenue, between One Hundred and Fifty-sixth street and Westchester avenue; in One Hundred and Thirty-eighth street, between Southern Boulevard and Locust avenue; in Cliff street, between Concord and Union avenues; in Union avenue, between One Hundred and Sixty-fifth and Cliff streets; in Locust avenue, between One Hundred and Thirty-eighth and One Hundred and Forty-first streets; in One Hundred and Forty-third street, between Willis and Brook avenues; in Elton avenue, between One Hundred and Fifty-fourth and One Hundred and Sixty-second streets; in One Hundred and Sixtieth street, between Courtland and Elton avenues; in One Hundred and Seventieth street, between Fulton and Franklin avenues; in Franklin avenue, between Third avenue and Horton street; in One Hundred and Twenty-eighth street, between Seventh and Eighth avenues; and in Ninety-ninth street, between Second and Third avenues.

One contract for furnishing pipes for the water supply of the Twenty-fourth Ward has been filled.

Two contracts for furnishing pipe and three contracts for laying pipe have been entered into.

One gang of men have been employed placing hydrants, where called for by the Fire Department.

Amount of Pipe Laid during the Quarter.

1,305 lineal feet of 12-inch pipe.
13,787 " " 6-inch "
126 hydrants placed.
15 stop-cocks set.

METERS.

The work of placing meters has been continued as fast as the small force of Inspectors could accomplish.

Meters placed during the quarter..... 663
" in use December 31, 1881..... 5,293

Total number now in use..... 5,956

EXPENSES OF SURVEYING AND LAYING OUT, ETC., UNDER CHAPTER 587, LAWS OF 1881.

A party of engineers have continued the surveys, and the necessary maps are being made.

SUPPLYING WATER FOR SHIPPING AND BUILDING PURPOSES.

The inspection of pipes on wharves and the use of water for shipping and building purposes has been continued.

During the quarter permits have been issued as follows:

	Amount Received
For water supplied to engines on dock.....	\$310 00
" " " for building purposes.....	3,631 00
" " " to shipping.....	6,306 67
" " " to wharves by meter.....	11,859 61
Total.....	\$22,107 28

The examination of sewers for waste of water in houses, between twelve o'clock midnight and six A. M., has been continued with the following results:

NO. OF HOUSE CONNECTIONS EXAMINED.	NO. DRY DRAINS.	NO. WHERE WASTE IS LESS THAN 1 GAL. PER MINUTE.	NO. WHERE WASTE IS FROM 1 TO 5 GALS. PER MINUTE.	NO. WHERE WASTE IS OVER 5 GALS. PER MINUTE.
2,566	2,008	27	503	28

74 drains, running.....	6 gallons per minute.
4 " "	7 " "
3 " "	8 " "
3 " "	9 " "
4 " "	10 " "
28	

The examination of buildings, throughout the city, has been continued with an increased force, but all such examinations are made during the daytime, whereas the great waste, during the winter, is at night, when it is impossible to obtain entrance into houses. The following statement shows the number of leaking fixtures found, and where water was running to waste:

DISTRICTS.	Whole Number of Buildings Inspected.	Whole Number where Plumbing was Detected as Defective or Water Wasted.	FAUCETS.		WATER-CLOSETS OR URINALS.		HYDRANTS IN YARD.		Pipes Burst.	Ball Cocks Wasted.
			Leak.	Waste.	Leak.	Waste.	Leak.	Waste.		
First.....	445	10	5	2	..	3	..	1	..	..
Second.....	132	1	..	..	..	..	1	..	..	..
Third.....	106	4	3	..	1	..	..	..	..	..
Fourth.....	319	24	19	5	..	..	..	..	..	..
Fifth.....	165	6	4	..	1	..	1	..	..	..
Sixth.....	105	4	1	..	..	..	..	..	3	..
Seventh.....	342	2	..	..	1	..	1	..	..	..
Eighth.....	637	68	59	7	1	8	2	..	..	2
Ninth.....	468	45	35	..	4	..	6	..	..	..
Tenth.....	560	..	..	..	..	..	..	..	..	..
Eleventh.....	359	16	12	..	2	..	..	2	..	..
Twelfth.....	89	6	6	..	..	..	..	..	..	..
Thirteenth.....	322	86	75	10	1	8	..	..	..	..
Fourteenth.....	52	..	..	..	..	..	..	..	..	..
Fifteenth.....	619	52	44	1	1	1	5	..	..	..
Sixteenth.....	101	7	4	1	..	..	..	..	2	..
Seventeenth.....	198	40	14	19	..	5	..	2	..	..
Eighteenth.....	359	222	159	34	..	..	10	19	..	..
Nineteenth.....	244	19	12	..	..	..	6	1	..	..
Twentieth.....	233	1	..	..	..	..	1	..	..	..
Twenty-first.....	305	87	79	..	5	..	3	..	..	..
Twenty-second.....	74	4	1	..	1	..	1	1	..	..
Twenty-third.....	100	10	8	..	..	..	2	..	..	..
Total.....	6,334	714	540	79	18	25	39	26	2	5

THE AQUEDUCT.

The usual routine work has been carried on—of removing ice and snow from the drains, ditches and culverts of the Aqueduct, and also from the side-walk crossings in the several villages along the line, and from the High Bridge and walks of the reservoirs.

In addition to the above, on the First Division, 200 feet of 10-inch drain-pipe have been laid, and 130 cubic yards of protection wall rebuilt.

On the Second Division, 60 feet of 36-inch pipe-trench were excavated through rock, for a waste-weir; 85 cubic yards of earth removed from top of Aqueduct, and 30 cubic yards of stone dressed.

On the Third Division, 335 feet of 8-inch tile blow-off pipe were laid; 250 cubic yards of stone drawn to the work; 100 cubic yards of stone quarried, and 50 cubic yards of stone dressed, and the fencing repaired.

On the Fifth Division, 48 cubic yards of protection-wall were rebuilt, and 32 cubic yards of earth excavated from its foundation; 67 cubic yards of earth removed from top of Aqueduct, and the banks sodded down.

On the Sixth Division, 40 cubic yards of stone cut and the fencing repaired.

On the Seventh Division, the concrete floor of the engine-room was relaid; the fences repaired, and the banks of the high-service reservoir were manured.

The gearing and chambers of the reservoir on the Eighth Division were put in good order.

(Signed) ISAAC NEWTON, Chief-Engineer, Croton Aqueduct.

Document "E."

DEPARTMENT OF PUBLIC WORKS,
WATER PURVEYOR'S OFFICE, 31 CHAMBERS STREET, ROOM 1,
NEW YORK, April 5, 1882.

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

SIR—In compliance with your instructions, I herewith submit the following report of the transactions of this Bureau during the quarter ended March 31, 1882.

REPAIRS AND RENEWAL OF PAVEMENTS.

The average force employed on repairs of pavements during the quarter was as follows:

In January, 27 men.

In February, 30 men.

In March, 30 men.

This number has been sufficient to make such repairs, as were absolutely necessary; the total number of notices and complaints of defects in pavements being 629.

REPAVING UNDER CHAPTER 476, LAWS OF 1875.

The repaving of the seven streets under contract, which were suspended in December last, will be resumed on or about the 15th instant.

The following repaving contracts in progress at the close of the year were completed early in January, viz.:

	Square Yards.
Water street, between Market and Clinton streets.....	5,260
Bayard street, between Market street and Bowery.....	1,357
Tenth avenue, between Forty-second and Forty-eighth streets.....	9,394
One Hundred and Twenty-fourth street, between First and Third avenues.....	4,288
Total.....	20,299

NEW PAVEMENTS UNDER ASSESSMENT.

The only unfinished streets under contract for this class of work at the close of the year were—Tenth avenue between One Hundred and Fifty-first, and One Hundred and Fifty-fifth streets, which was completed in January last, and Seventy-fifth street between Third and Fourth avenues, which will probably be completed during the present month.

REPAIRS AND RENEWAL OF PIPES, STOP-COCKS, ETC.

The average force employed in repairing pipes, stop-cocks, and hydrants, under the direction of this Bureau, during the quarter was as follows:

In January, 83 men and 9 carts.

In February, 88 men and 9 carts.

In March, 91 men and 9 carts.

502 fire-hydrants were repaired.

53 new fire-hydrants were substituted for old hydrants.

9 new fire-hydrants were placed.

337 defects in pipes, stop cocks, &c., were repaired.

95 taps were shut off on account of leaks in service-pipes.

PUBLIC DRINKING HYDRANTS.

61 drinking hydrants were repaired.

12 new drinking hydrants were substituted for old hydrants.

WELLS AND PUMPS.

No repairs were needed for the 45 pumps in use at the close of the last quarter of 1881.

VAULTS.

23 permits were granted for the construction of vaults.

The amount received for the same is \$15,670.40.

15 permits were granted to repair vaults.

20 permits were issued to repair pavements.

Resolutions of the Board of Aldermen for the paving of streets, erecting public drinking hydrants, watering troughs, etc., were referred to this Bureau for examination and report, and, with very few exceptions, were approved by the Mayor.

The payments made during the quarter and charged to the several appropriations are as follows:

For Public Drinking Hydrants.....	\$598 75
“ Repaving Streets and Avenues.....	598 75
“ “ “ Salaries charged to.....	1,399 33
“ Repairs and Renewal of Pavements and Regrading.....	4,701 47
“ “ “ Salaries charged to.....	1,369 50
“ Repairs and Renewal of Pipes, Stop-cocks, etc.....	17,109 19
“ “ “ Salaries charged to.....	422 61
“ Wells and Pumps.....	422 61
“ Street Improvement Fund (Assessment work).....	44,070 47
“ Contingencies, Department of Public Works.....	24 45
Total.....	\$69,695 77

Very respectfully,

DANIEL O'REILLY, Water Purveyor.

Document "F."

DEPARTMENT OF PUBLIC WORKS,
OFFICE OF ENGINEER IN CHARGE OF SEWERS,
31 CHAMBERS STREET, ROOM 9,
NEW YORK, April 8, 1882.

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 March 31, 1882.

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 MARCH 31, 1882:

Credits to General Fund—

Amount received for 224 permits for sewer connections..... \$4,940 17

Engineers' Fees—

Amount received for Engineers' and Surveyors' fees, assessed on property benefited: Charged on Assessment Lists and credited to Street Improvement Fund. \$6,384 56

Sewers—Repairing and Cleaning, 1879, account—

Balance on hand December 31, 1880..... \$36 24
Voucher transmitted to the Commissioner of Public Works:
Michael Noonan, for repairs..... \$36 24
\$36 24

Sewers—Repairing and Cleaning, 1881, account—

Balance on hand December 31, 1881..... \$2,031 37
Vouchers transmitted to the Commissioner of Public Works:
Special repairs..... \$1,307 10
Transportation expenses..... 409 86
Materials and sundries..... 211 35
Balance on hand March 31, 1882..... 103 06
2,031 37

Sewers—Repairing and Cleaning—

Appropriation for 1882..... \$114,000 00
Vouchers transmitted to the Commissioner of Public Works:
Pay-rolls of Laborers, etc..... \$10,189 71
Special repairs..... 9,603 47
Materials and sundries..... 2,485 73
Balance on hand March 31, 1882..... 91,721 09
114,000 00

Salaries, Sewers—Repairing and Cleaning—

Appropriation for 1882..... \$11,000 00
Vouchers transmitted to the Commissioner of Public Works:
Pay-rolls of Clerks, etc..... \$3,648 00
Balance on hand March 31, 1882..... 7,352 00
11,000 00

Salaries—Sewerage System—

Appropriation for 1882..... \$13,000 00
Vouchers transmitted to the Commissioner of Public Works:
Pay-rolls of Engineers, etc..... \$2,696 02
Balance on hand March 31, 1882..... 10,303 98
13,000 00

Contingencies D. P. W.—

Vouchers transmitted to the Commissioner of Public Works..... \$64 60
Pay-roll of Draughtsmen, etc..... \$64 60
64 60

Surveys, Maps, etc., for Street Openings—

Appropriation for 1882..... \$5,000 00
Vouchers transmitted to the Commissioner of Public Works:
Pay-roll of Draughtsmen, etc..... \$161 78
Balance on hand March 31, 1882..... 4,838 22
5,000 00

Restoring and Repaving, Special Fund—

Amount received for 303 permits for street openings..... \$3,400 00
Vouchers transmitted to the Commissioner of Public Works:
Pay-roll of Inspectors, etc..... \$168 00
Restoring and Repaving..... 3,986 00
Restoring and Repaving, 1881, account..... 997 00
5,151 00

Street Improvement Fund—

Vouchers transmitted to the Commissioner of Public Works..... \$118,477 28
Pay-rolls of Engineers, etc..... \$6,738 34
Pay-rolls of Inspectors on Sewers..... 8,224 00
On Contracts for Sewers, etc..... 103,514 94
118,477 28

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

647 receiving-basins and culverts cleaned.
12,107 lineal feet of sewer cleaned.
601 “ “ new sewer built.
450 “ “ sewer rebuilt.
676 “ “ sewer repaired.
52 “ “ culvert rebuilt.
51 “ “ spur-pipe laid.
41 “ “ new curb set.
26 “ “ curb reset.
16 “ “ gutter-stone relaid.
50 “ “ drain covered with heavy stone.
30 receiving-basins repaired.
11 new basin-heads put on.
2 basin-heads reset.
11 new basin covers put on.
5 new manholes built.
38 manholes repaired.
15 manhole heads reset.
36 new manhole heads and covers put on.
37 new manhole covers put on.
295 square feet of flagging relaid.
300 cubic feet of stone-wall built.
894 square yards of pavement relaid.
2,982 cubic yards of earth excavated and refilled.
2,349 cart loads of dirt and stone removed.

Work done by Contract—

9,195 lineal feet of sewer built.
210 “ “ culvert built.
12 receiving-basins built.
200 lineal feet of blue-stone curb furnished and set.
154 manhole heads and covers furnished and put on, and
60 cubic yards of brick-work built.
Making the present total length of sewerage in the city 2,032,015 lineal feet (384 85-100 miles), with 4,606 receiving-basins.

Document "G."

DEPARTMENT OF PUBLIC WORKS,
BUREAU OF STREET IMPROVEMENTS, ROOM 5, 31 CHAMBERS STREET,
NEW YORK, April 6, 1882.

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 March 31, 1882.

Respectfully,

GEORGE A. JEREMIAH, Superintendent Street Improvements.

LOCATION OF WORK.	CONTRACTOR.	SURVEYOR.	INSPECTOR.	CONTRACT TIME.	ESTIMATED COST.	AMOUNT EARNED.	AMOUNT RETAINED.	AMOUNT PAID.	REMARKS.
Regulating, Grading, Curb and Flagging—									
Fourth avenue, Ninety-sixth street to One Hundred and Second street	Thomas F. Kane.....	W. V. Smith.....	Walter S. Edwards..	150 days.	\$17,100 00	\$32,642 00	\$9,772 60	\$22,849 40	Completed.
Ninth avenue, Eighty-first street to One Hundred and Tenth street..	Matthew Baird	W. V. Smith.....	Morgan L. Ogden...	150 "	21,518 50	
Sixty-sixth street, Eighth avenue to Boulevard	John Mulholland	F. M. Leonard.....	Jeremiah Chadwick..	300 "	14,372 76	6,626 50	1,987 95	4,638 55	
Seventy-third street, Third avenue to East river	Patrick Farley.....	W. V. Smith.....	John Lawrence.....	300 "	40,237 00	37,096 00	11,308 80	26,387 20	
Seventy-fifth street, Tenth avenue to Riverside Drive.....	James Slattery.....	M. A. Kellogg.....	John E. Cusick.....	125 "	10,878 20	5,790 00	1,737 00	4,053 00	
Eighty-first street, Boulevard to Riverside Drive	Butler & Reilly.....	H. V. M. Dennis.....	John E. Kraft.....	150 "	8,828 90	4,981 00	1,494 30	3,486 70	Completed.
Eighty-third street, Eighth avenue to Boulevard	Irvine & Lynch.....	John E. Eustis.....	Not yet appointed ..	19 "	3,524 29	
Eighty-fifth street, Ninth avenue to Tenth avenue	Hugh Duffy.....	W. V. Smith.....	Dyer D. Lum.....	150 "	7,039 00	
Eighty-eighth street, Tenth avenue to Riverside Drive.....	John Brady.....	F. L. Vieda.....	John Tubbs.....	75 "	9,180 80	1,870 00	561 00	1,309 00	
Ninety-fourth street, Eighth avenue to Boulevard	James Slattery.....	F. E. Towle.....	James McNary.....	200 "	12,661 10	9,707 50	2,912 25	6,795 25	
Ninety-eighth street, Third avenue to Fourth avenue.....	Michael Finn.....	F. E. Towle.....	M. T. Schoonmaker..	100 "	8,205 00	17,180 00	5,154 00	12,026 00	
Ninety-eighth street, Fourth avenue to Fifth avenue.....	Abraham Dowdney..	M. A. Kellogg.....	John Brown.....	350 "	6,101 50	
Ninety-ninth street, Fourth avenue to Fifth avenue.....	Abraham Dowdney..	J. McIntyre Smith..	George G. Banzer....	350 "	8,611 50	
One Hundredth street, Third avenue to Second avenue.....	Patrick Farley.....	J. McIntyre Smith..	Lawrence Keenan....	585 "	3,546 20	
One Hundred and First street, Second avenue to Third avenue..	Thomas E. Crimmins..	J. McIntyre Smith..	Walter E. Tallister..	225 "	5,307 00	1,500 00	450 00	1,050 00	
One Hundred and First street, Ninth avenue to New avenue..	Thomas E. Crimmins..	M. A. Kellogg.....	Sylvester Bennett....	200 "	5,912 50	2,322 00	696 60	1,625 40	
One Hundred and Twelfth street, Madison avenue to Sixth avenue..	Phelan & Haughton..	W. V. Smith.....	James J. Fitzgerald..	320 "	10,359 50	
One Hundred and Twelfth street, Sixth avenue to Seventh avenue..	Michael Finn.....	W. V. Smith.....	William F. McManus..	150 "	4,946 00	
One Hundred and Thirteenth street, Fourth avenue to Fifth avenue..	Joseph F. Gallagher..	W. V. Smith.....	James J. Finley.....	100 "	2,955 00	
One Hundred and Thirteenth street, Fifth avenue to Eighth avenue..	James Slattery.....	W. V. Smith.....	Walter S. Edwards..	350 "	30,541 20	
One Hundred and Fifteenth street, Tenth avenue to Morningside avenue	Allan A. Irvine.....	R. L. Waters.....	William H. Johnson..	60 "	5,774 85	
One Hundred and Sixteenth street, Tenth avenue to Morningside avenue	Patrick Farley.....	R. L. Waters.....	Frederick Saib.....	550 "	10,813 60	
One Hundred and Seventeenth street, Fifth avenue to Sixth avenue..	Thomas F. Kane.....	W. V. Smith.....	Robert J. Wilkinson..	175 "	5,741 00	4,573 00	1,371 90	3,201 10	
One Hundred and Nineteenth street, Fourth avenue to Sixth avenue..	Thomas Gearty.....	W. V. Smith.....	Not yet appointed....	20 "	3,300 00	
One Hundred and Nineteenth street, Sixth avenue to Seventh avenue..	Michael Finn.....	W. V. Smith.....	James H. Madigan....	250 "	7,219 90	3,740 00	1,122 00	2,618 00	
One Hundred and Twenty-second street, Sixth avenue to Seventh avenue	Michael Finn.....	W. V. Smith.....	Patrick Hyland.....	27 "	2,703 10	
One Hundred and Twenty-fifth street, Manhattan street to Boulevard	John Phelan.....	W. V. Smith.....	Patrick H. Kerney....	450 "	17,911 47	12,584 00	3,775 20	8,808 80	
One Hundred and Thirty-seventh street, Fifth avenue to Seventh avenue	Michael Finn.....	W. V. Smith.....	Timothy Connors....	250 "	9,883 30	
One Hundred and Seventy-fifth street, Tenth avenue to Kingsbridge road	George F. Doak.....	M. A. Kellogg.....	George W. Nash.....	224 "	28,398 50	4,135 00	1,240 50	2,894 50	
Filling in Low and Sunken Lands—									
One Hundred and Forty-third and One Hundred and Fifty-fifth streets, Eighth avenue to Ninth avenue.....	William Everard.....	W. V. Smith.....	Andrew J. Fleming ..	350 "	47,260 00	
<i>Special Contracts.</i>									
Regulating, Grading, Curb, and Flagging—									
One Hundred and Fifty-third street, Ninth avenue to Avenue St. Nicholas.....	John B. Healy.....	John E. Eustis.....	Not yet appointed....	11 "	942 35	
One Hundred and Fifty-second street, Ninth avenue to Avenue St. Nicholas.....	John B. Healy.....	John E. Eustis.....	"	13 "	831 75	
One Hundred and Twenty-ninth street, Sixth avenue to Seventh avenue	Patrick Larney.....	R. L. Waters.....	"	20 "	832 95	
East side Fifth avenue, Sixty-fifth street to Sixty-sixth street.....	Patrick Larney.....	E. E. McLean.....	"	4 "	260 64	
Forty-third street, Lexington avenue to Fourth avenue.....	Patrick Larney.....	E. E. McLean.....	"	6 "	541 12	

Earth Excavation, cubic yards.....	3,450
Rock " "	7,600
Filling furnished, " "	31,400
Curbstones set, lineal feet.....	900
Flagging laid, square feet.....	3,600
Picket Fence, lineal feet.....	1,281

Street Improvement Fund, contracted for after June 9, 1880.....	\$20,544	11
" " " " June 9, 1880.....	14,155	36
Street Improvements above Fifty-ninth street, June 9, 1880.....	920	37
" " for Surveying, Monumenting and Numbering of Streets, 1882....	89	26
" " " " " " " " 1881.....	845	83
Flagging Sidewalks and Fencing Vacant Lots in front of City Property, 1882.....	189	54
" " " " " " " " 1881.....	26	12
Contingencies—Department of Public Works.....	62	50
Total.....	\$36,833	09

Fencing Vacant Lots—	
Ninth avenue, Seventy-first to Seventy-second street, estimated.....	\$699 03

Street Improvements—For Surveying, Monumenting and Numbering of Streets, 1882.	\$1,500 00
Amount of vouchers drawn.....	\$89 26
Outstanding liabilities.....	216 00
Balance, March 31, 1882.....	1,194 74

Street Improvements—For Surveying, Monumenting, and Numbering of Streets, 1881.		\$1,250 00
Amount of vouchers drawn in 1881.....	\$404 17	
“ “ 1882.....	845 83	
	<hr/>	\$1,250 00

Flagging Sidewalks and Fencing Vacant Lots in front of City Property, 1882.....		\$1,500 00
Amount of vouchers drawn.....	\$189 54	
Balance, March 31, 1882.....	1,310 46	
	<hr/>	\$1,500 00

Flagging Sidewalks and Fencing Vacant Lots in front of City Property, 1881.....	\$1,500 00
Amount of vouchers drawn in 1881.....	\$1,139 85
" " 1882.....	26 12
Outstanding liabilities, estimated.....	300 00
Balance, estimated.....	34 03
	<hr/>
	\$1,500 00

Contingencies—Department of Public Works—	
Amount of Voucher drawn	\$62 50

Document "H."

DEPARTMENT OF PUBLIC WORKS,
BUREAU OF STREETS AND ROADS, NO. 31 CHAMBERS STREET,
NEW YORK, April 11, 1882.

SIR—In compliance with your instructions, I have the honor to submit herewith my report for the quarter ending March 31, 1882, of the macadam boulevards, roads, avenues and streets, and the roads, streets and avenues unpaved, under my charge.

JAMES J. MOONEY, Superintendent of Streets.

Material used on the above was 150 feet of flagstone.

Scraping and cleaning roadways and gutters on the following streets, avenues and boulevards :

Fifth avenue, from Sixtieth to One Hundred and Tenth streets, and One Hundred and Twenty-fourth to One Hundred and Thirtieth street.

Sixth avenue, from One Hundred and Tenth to One Hundred and Forty-sixth street.
Seventh avenue, from One Hundred and Tenth to One Hundred and Fifty-fourth street.

Western Boulevard, from Fifty-ninth to One Hundred and Fifty-fifth street.
Avenue A, from Fifty-seventh to Eighty-sixth street.

Avenue A, from One Hundred and Nineteenth to One Hundred and Twenty-fourth street.
Seventy-second street, from Fifth avenue to Avenue A.

One Hundred and Tenth street, between Avenue A and Riverside Drive.

One Hundred and Twenty-fourth street, between Third avenue and Fifth avenue.

Sprinkling on the following boulevards, avenues and streets :

Western Boulevard, between Fifty-ninth and One Hundred and Fifty-fifth streets.
Fifth avenue, from Fifty-ninth to One Hundred and Tenth street.

Sixth avenue, from One Hundred and Tenth to One Hundred and Forty-sixth street.

Seventh avenue, from One Hundred and Tenth to One Hundred and Fifty-fourth street.
One Hundred and Forty-fifth street, from Sixth avenue to Western Boulevard.
Seventy-second street, from Fifth avenue to Avenue A.

One Hundred and Twenty-fourth street, from Third to Fifth avenue.
One Hundred and Fifty-fifth street, from Avenue St. Nicholas to Western Boulevard.

Avenue St. Nicholas, from One Hundred and Tenth to One Hundred and Fifty-fifth streets,
Avenue A, between Fifty-seventh and Eighty-sixth streets.

Cultivating trees on Boulevard, between Fifty-ninth and One Hundred and Fifty-fifth streets.

Cultivating trees on Seventh avenue, between One Hundred and Tenth and One Hundred and Forty-sixth streets.

Cultivating trees on Avenue St. Nicholas, between One Hundred and Tenth and One hundred

Ploughing and cleaning sidewalks and gutters of snow on the following avenues, streets and

Fifth avenue, from Fifty-ninth to One Hundred and Tenth street.

Sixth avenue, from One Hundred and Tenth to One Hundred and Forty-sixth street.

Seventh avenue, from One Hundred and Tenth to One Hundred and Fifty-fourth street.
Avenue A, from Fifty-seventh to Eighty-sixth street.

Avenue A, from One Hundred and Nineteenth to One Hundred and Twenty-fourth street.
Seventy-second street, from Fifth avenue to Avenue A.
Seventy-second street, from Eighth avenue to Riverside Drive.
One Hundred and Tenth street, between Avenue A and Riverside Drive.
One Hundred and Sixteenth street, between Avenue A and Seventh avenue.
One Hundred and Twenty-fourth street, between Eighth avenue and Mount Morris Park.
One Hundred and Twenty-fourth street, between Third and Fifth avenues.
Avenue St. Nicholas, from One Hundred and Tenth to One Hundred and Forty-fifth street.
Western Boulevard, from Fifty-ninth to One Hundred and Fifty-fifth street.
One Hundred and Fifty-fifth street, from Avenue St. Nicholas to West Boulevard.

The following is the number of basins cleaned, and amount of material taken out:

Fifth avenue, between Sixtieth and One Hundred and Ninth streets, 38 basins, 152 yards of dirt.
Fifth avenue, between One Hundred and Twenty-fourth and One Hundred and Thirtieth streets, 12 basins, 45 yards of dirt.
Sixth avenue, between One Hundred and Tenth and One Hundred and Forty-sixth streets, 56 basins, 120 yards of dirt.
Seventh avenue, between One Hundred and Tenth and One Hundred and Fifty-fourth streets, 52 basins, 156 yards of dirt.
Avenue A, between Fifty-seventh and Eighty-sixth streets, 40 basins, 165 yards of dirt.
Avenue A, between One Hundred and Twentieth and One Hundred and Twenty-fourth streets, 7 basins, 21 yards of dirt.
First Avenue, between One Hundred and Ninth and One Hundred and Sixteenth streets, 17 basins, 36 yards of dirt.
Avenue St. Nicholas, between One Hundred and Tenth and One Hundred and Fifty-fifth streets, 47 basins, 126 yards of dirt.
Seventy-second street, between Avenue A and Fifth avenue, 9 basins, 28 yards of dirt.
One Hundred and Tenth street, between Avenue A and Eighth avenue, 11 basins, 30 yards of dirt.
One Hundred and Sixteenth street, between Avenue A and Seventh avenue, 8 basins, 28 yards of dirt.
One Hundred and Twenty-fourth street, between Avenue A and Fifth Avenue, 3 basins, 12 yards of dirt.
Boulevard, between Fifty-ninth and One Hundred and Fifty-fifth streets, 125 basins, 280 yards of dirt.

The following is a statement of repairs made over sewers and water connections, and amount of material used:

North side of Seventy-second street, 50 feet east Lexington avenue. 2 S. C.
North side of Seventy-second street, 45 feet east Lexington avenue. 1 S. C.
North side of One Hundred and Twenty-fourth street, 150 feet west Sixth avenue. 1 W. T.
North side of One Hundred and Sixteenth street, 80 feet west First avenue. 1 S. C.
North side of One Hundred and Twenty-third street, 175 feet east Eighth avenue. 3 W. T.
North side of One Hundred and Twenty-third street, 208 feet east Eighth avenue. 1 W. T.
North side of One Hundred and Twenty-third street, 200 feet west Seventh avenue. 4 S. C.
North side of One Hundred and Twenty-third street, 300 feet west Sixth avenue. 2 S. C.
South side of One Hundred and Twenty-fourth street, 300 feet west Sixth avenue. 4 S. C.
South side of One Hundred and Twenty-fourth street, 300 feet west Sixth avenue. 2 W. T.
Corner Sixth avenue and One Hundred and Twenty-fourth street, repairing roadway over an old sewer, 30 feet.

Material used on the above work was as follows:

28 cubic yards of Tilford.
30 " " trap-rock.
3 " " Roa Hook gravel.
35 " " sharp sand.
12 " " clay.

The force employed during the quarter ending March 31, 1882, on boulevards, roads, streets and avenues, that are macadamized:

1 time-keeper, 3 foremen, 1 painter, 1 carpenter, 1 steam engineer, 2 blacksmiths and helper, 16 skilled laborers, 38 laborers, 18 2-horse teams, and 3 horses and carts. Total force, 84.
Building 5 sprinkling trucks, 6 hand-carts, and repairing and repainting 12 sprinkling monitors.
All of the above work was done by men employed in the Department shops, One Hundred and Twenty-second street and New Avenue.

The following is the amount appropriated for Boulevards, Roads and Avenues—Maintenance for 1882:

Amount appropriated..... \$70,000 00

Amount expended for the first quarter, 1882, is as follows:

Pay-roll of laborers—Voucher for January 15..... \$1,167 42
" " " " 31..... 1,497 30
" " " " February 15..... 1,531 14
" " " " 28..... 1,284 63
" " " " March 15..... 1,819 30
Repairing sprinklers..... 53 85
Iron and steel bars..... 166 23
Axle grease and borax..... 20 14
White oak sole leather..... 10 18
Bolts, screws, chain, files and washers..... 110 41
Shovels, steel rakes, and pick handles..... 81 00
Roofing building..... 64 48
Paints, oil, varnish, turpentine, etc..... 133 86
Cement..... 32 00
7,971 94

Balance April 1, 1882..... \$62,028 06

Unexpended balances of 1881..... \$91 73

Amount drawn is as follows:

White lead..... 40 00

Balance April 1, 1882..... \$51 73

Amount appropriated for Boulevards, Roads and Avenues, Salaries account, for 1882, \$2,400 00

Expended for the quarter ending March 31, 1882, is as follows:

Pay-roll of clerk and messenger, month of January..... \$175 00
" " " " February..... 175 00
350 00

Balance April 1, 1882..... \$2,050 00

The following is a statement of the work done and material used on the unpaved roads, streets and avenues, during the quarter ending March 31, 1882:

Kingsbridge road, from One Hundred and Fifty-fifth to One Hundred and Sixty-second street.
One Hundred and Fifty-fifth street, from Ninth avenue to Avenue St. Nicholas.
One Hundred and Twenty-ninth street, from Boulevard to Twelfth avenue.
Old Broadway, from One Hundred and Thirty-eighth to One Hundred and Forty-third street.
Tenth avenue, from One Hundred and Forty-third to One Hundred and Fifty-first street.
Farmers' Bridge road, from Kingsbridge road to Harlem river.
Inwood lane, from Kingsbridge road to Hudson river.
Building bridge on Kingsbridge road over Dykeman's creek.
Building retaining wall on Farmers' Bridge road, from Kingsbridge road to Harlem river.

Amount of material used on the above works was as follows:

253 cubic yards of building stone for bridge over Dykeman's creek.
32 " " " for retaining walls on Farmers' Bridge road.
90 " " lime-stone chips.
463 " " earth and clay.
450 " " broken stone placed in piles on Kingsbridge road, between One Hundred and Sixty-second street and Kingsbridge.

The following was the force employed on the unpaved streets, roads and avenues, during the quarter ending March 31, 1882:

1 foreman, 5 skilled laborers, 12 laborers, 8 teams, and 2 horses and carts. Total force, 28.

The following is the amount appropriated for Roads, Streets and Avenues unpaved—Maintenance of, for 1882:

Amount appropriated..... \$30,000 00

Amount expended for the first quarter, 1882, is as follows:

Pay-roll of laborers—Voucher for January 15..... \$494 80
" " " " 31..... 603 87
" " " " February 15..... 360 54
" " " " 28..... 516 97
" " " " March 15..... 708 92
Shovels, rakes, spades, crow-bars, etc..... 110 87
2,795 97

Balance April 1st, 1882..... \$27,204 03

Unexpended balance of 1881..... \$997 36

Amount drawn is as follows:

Building stone..... \$190 00
Covering stone..... 46 80
Broken stone..... 760 00
996 80

Balance April 1, 1882..... 56

Error in Voucher No. 1..... 03

Total balance, 1881..... 59

Document "I."

DEPARTMENT OF PUBLIC WORKS,
BUREAU OF LAMPS AND GAS,
NEW YORK, April 10, 1882.

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 March 31, 1882.

In Exhibit "A" will be found a statement showing the amounts paid for gas to the various public markets, armories, offices, etc., and for the lighting and maintenance of the public lamps. Exhibit "B" is a summary of the appropriation for "Lamps and Gas and Electric Lighting," and shows an expenditure during the quarter of ninety-five thousand five hundred and ninety-two dollars and sixty-one cents (\$95,592.61), with liabilities amounting to forty-one thousand five hundred and forty-three dollars and forty cents (\$41,543.40), leaving an available balance of four hundred and forty-six thousand nine hundred and seventy-one dollars and ninety-nine cents (\$446,971.99). Exhibit "C" is a summary of the appropriation "Salaries—Lamp and Gas and Electric Lighting," and shows an expenditure during the quarter of fourteen hundred and forty-four dollars and ninety-eight cents (\$1,444.98). Exhibit "D" is a summary of the "Lamp Account," and shows a total of one hundred and one new lamps lighted, fifty-three old lamps relighted, and eighty-six lamps discontinued during the quarter, the net increase being sixty-eight. Exhibit "E" is a statement showing the lowest, highest and average illuminating power of the gases supplied by the New York, Manhattan, Metropolitan, New York Mutual, Municipal and Harlem Gas Light Companies during the quarter.

The following table will show the amount of impurities found in the gases of the above mentioned companies by the analyses made by E. G. Love, the 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.....	10.47	0.34	None.
Manhattan Gas-light Co.....	21.04	7.24	None.
New York Mutual Gas-light Co.....	4.70	0.27	Constantly present.
Municipal Gas-light Co.....	2.97	0.13	None.
Metropolitan Gas-light Co.....	31.08	1.85	None.
Harlem Gas-light Co.....	37.54	0.35	Constant traces.

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

The following will show the specific gravity of the gases:

New York Gas-light Company, specific gravity.....	.629 to .652
Manhattan Gas-light Company, ".....	.400 to .417
New York Mutual Gas-light Company, ".....	.729 to .784
Municipal Gas-light Company, ".....	.628 to .660
Metropolitan Gas-light Company, ".....	.542 to .568
Harlem Gas-light Company, ".....	.433 to .444

The following table will show the average maximum and minimum pressure on the mains of the above-mentioned 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.		Miles.
New York Gas-light Co.....	2.57	1.85	Bowery and Grand street.....	2.100
Manhattan Gas-light Co.....	2.44	1.35	" ".....	1.880
New York Mutual Gas-light Co....	2.98	2.14	" ".....	1.790
Municipal Gas-light Co.....	2.77	1.43	" ".....	3.100
Metropolitan Gas-light Co.....	1.72	0.86	{ Seventy-ninth street, between } { Second and Third avenues. }	3.100
Harlem Gas-light Co.....	2.78	1.19	{ Seventy-ninth street, between } { Second and Third avenues. }	1.100

Respectfully submitted,

S. McCORMICK, Superintendent of Lamps and Gas.

EXHIBIT "A."

Statement showing the amount 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 March 31, 1882.

Washington Market.....	\$458 32
Catherine Country Market.....	31 04
Catherine Meat Market.....	14 70
Fulton Meat Market.....	
Fulton Country Market.....	366 80
Essex Market.....	100 45
Centre Market.....	306 43
Clinton Market.....	186 19
Union Market.....	12 77
Tompkins Market.....	324 62
Jefferson Market.....	126 00
	\$1,927 32

First District Police Court.....	\$216 84	
Second District Police Court.....	144 73	
Third District Police Court.....	108 15	
Fourth District Police Court.....	79 28	
Fifth District Police Court.....	42 75	
Court of Special Sessions.....	87	
First District Civil Court.....	53	
Second District Civil Court.....	14 87	
Fourth District Civil Court.....	19 08	
Fifth District Civil Court.....	5 95	
Sixth District Civil Court.....	5 77	
Eighth District Civil Court.....	3 34	
Ninth District Civil Court.....	4 50	
Brown-stone (Court Room) Building.....	58 09	
New Court-house.....	1,218 18	
City Hall.....	467 42	
Department of Public Works.....	250 94	
Receiver of Taxes' office.....	303 97	
Corporation Attorney's office.....	58 28	
Pipe Yard, Rivington street.....	5 07	
County Jail.....	569 45	
Clock Tower, Third District Court-house.....	295 05	
South Gate-house.....	9 89	
Engineer of Boulevard's office.....	23	
Engine-house, High-bridge.....	147 14	
Engine-house, Ninety-eighth street.....	216 91	
Photometrical Room, Grand street.....	5 98	
Photometrical Room, Seventy-ninth street.....	10 55	
Assessment Commission.....	6 13	
Armory Fifth Regiment.....	\$52 50	
“ Seventh Regiment.....	1,408 58	
“ Eighth Regiment.....	241 51	
“ Ninth Regiment.....	483 00	
“ Eleventh Regiment.....	91 18	
“ Twelfth Regiment.....	209 30	
“ Twenty-second Regiment.....	389 02	
“ Sixty-ninth Regiment.....	403 19	
“ Seventy-first Regiment.....	229 77	
“ Gatling Battery “E”.....	91 35	
“ Battery “B”.....	7 18	
“ Battery “K”.....	22 93	
Lighting Public Markets, Pay-rolls.....	\$435 00	3,629 51
Cleaning Photometrical Room, Pay-rolls.....	15 00	
New Lamp-posts.....	1,583 54	
New Lamp-posts, Twenty-third and Twenty-fourth Wards.....	630 00	
New Street-lamps.....	1,050 00	
New Street-lamps, Twenty-third and Twenty-fourth Wards.....	450 00	
New Boulevard Lamps.....	1,150 00	
New Crossheads.....	225 00	
New Lamp-irons.....	150 00	
New Lamp-irons, Twenty-third and Twenty-fourth Wards.....	150 00	
Gas Regulators.....	250 77	
Gas Examinations.....	312 00	
Traveling Expenses.....	62 50	
Photometrical Room, Grand street (Rent).....	150 00	
Photometrical Room, Seventy-ninth street (Rent).....	90 00	
Maps of City, South of Fourteenth street.....	25 00	
Fitting up New Lamps.....	\$450 00	6,728 81
Resetting and Repairing Lamp-posts.....	604 00	
Resetting and Repairing Lamp-posts, Twenty-third and Twenty-fourth Wards.....	6 00	
Lighting Public Lamps.....	60,941 68	
Lighting Public Lamps, Twenty-third and Twenty-fourth Wards.....	15,836 51	
Lighting Electric Lamps.....	1,172 22	
		79,010 41
		\$95,592 61

RECAPITULATION.

Gas to Public Offices.....	\$9,853 39	
Supplies to Public Lamps, etc.....	5,498 81	
“ “ Twenty-third and Twenty-fourth Wards.....	1,230 00	
Resetting and Repairing Lamp-posts.....	604 00	
“ “ Twenty-third and Twenty-fourth Wards.....	6 00	
Fitting up New Lamps.....	450 00	
Lighting Public Lamps.....	62,113 90	
“ “ Twenty-third and Twenty-fourth Wards.....	15,836 51	
		\$95,592 61

EXHIBIT “B.”

Summary of the Appropriation for “Lamps and Gas and Electric Lighting” for 1882, showing the Balance against which no Vouchers have been drawn, with the Amount of Liabilities against the Appropriation for the Quarter ending March 31, 1882.

Amount appropriated for “Lamps and Gas and Electric Lighting” for 1882.....	\$584,108 00
Amount of Vouchers drawn during the Quarter ending March 31, 1882.....	95,592 61
Balance, against which no Vouchers have been drawn.....	\$488,515 39

LIABILITIES.

New York Gas-light Co., Lighting Public Lamps, Month of March.....	\$5,518 21
Manhattan Gas-light Co., “ “ “.....	9,779 30
Metropolitan Gas-light Co., “ “ “.....	6,900 21
N. Y. Mutual Gas-light Co., “ “ “.....	1,299 80
Harlem Gas-light Co., “ “ “.....	8,046 89
Central Gas-light Co., “ “ “.....	4,597 17
Northern Gas-light Co., “ “ “.....	3,060 49
Yonkers Gas-light Co., “ “ “.....	255 00
Brush Electric Illuminating Co., “ “ “.....	627 83
J. L. Mott Iron Works, 10 Lamp-posts.....	109 00
“ “ 75 Lamp-posts.....	787 50
Keuffel & Esser, Proportional Dividers.....	8 00
Gold's Heater Manufacturing Co., 150 Street Lamps.....	450 00
Edward G. Love, Gas Examinations.....	104 00
	41,543 40
Balance available March 31, 1882.....	\$446,971 99

EXHIBIT “C.”

Summary of the Appropriation for “Lamps and Gas and Electric Lighting—Salaries Chargeable to,” for 1882, showing the Amount drawn on Pay-rolls to March 31, 1882, with the Balance against which no Voucher have been drawn, for the quarter ending March 31, 1882.

Amount appropriated for “Lamps and Gas and Electric Lighting—Salaries” for 1882.....	\$5,892 00
Amount drawn on Pay-rolls during the Quarter ending March 31, 1882.....	1,444 98
Balance available March 31, 1882.....	\$4,447 02

EXHIBIT “D.”

Summary of the Lamp Account, showing the Number of New Lamps Lighted, Old Lamps Relighted, and the Number discontinued by each Gas Company during the Quarter ending March 31, 1882.

NEW YORK GAS-LIGHT COMPANY.	
Number of lamps lighted, December 31st, 1881.....	3,572
Number of new lamps lighted during the quarter.....	9
Number of old lamps relighted during the quarter.....	3
Less lamps discontinued during the quarter.....	3,584 16

Number of lamps lighted March 31, 1882..... 3,568

MANHATTAN GAS-LIGHT COMPANY.	
Number of lamps lighted December 31, 1881.....	6,573
Number of new lamps lighted during the quarter.....	0
Number of old lamps relighted during the quarter.....	9
Less lamps discontinued during the quarter.....	6,582 11

Number of lamps lighted March 31, 1882..... 6,571

METROPOLITAN GAS-LIGHT COMPANY.	
Number of lamps lighted December 31, 1881.....	4,439
Number of new lamps lighted during the quarter.....	57
Number of old lamps relighted during the quarter.....	8
Less lamps discontinued during the quarter.....	4,504 7

Number of lamps lighted March 31, 1882..... 4,497

NEW YORK MUTUAL GAS-LIGHT COMPANY.	
Number of lamps lighted December 31, 1881.....	891
Number of new lamps lighted during the quarter.....	0
Number of old lamps relighted during the quarter.....	1
Less lamps discontinued during the quarter.....	892 1

Number of lamps lighted March 31, 1882..... 891

HARLEM GAS-LIGHT COMPANY.	
Number of lamps lighted December 31, 1881.....	4,821
Number of new lamps lighted during the quarter.....	35
Number of old lamps relighted during the quarter.....	16
Less lamps discontinued during the quarter.....	4,8

Number of lamps lighted March 31, 1882..... 4,859

CENTRAL GAS-LIGHT COMPANY.	
Number of lamps lighted December 31, 1881.....	1,911
Number of new lamps lighted during the quarter.....	0
Number of old lamps relighted during the quarter.....	10
Less lamps discontinued during the quarter.....	1,921 22

Number of lamps lighted March 31, 1882..... 1,899

NORTHERN GAS-LIGHT COMPANY.	
Number of lamps lighted December 31, 1881.....	1,157
Number of new lamps lighted during the quarter.....	0
Number of lamps relighted during the quarter.....	6
Less lamps discontinued during the quarter.....	1,163 16

Number of lamps lighted March 31, 1882..... 1,147

YONKERS GAS-LIGHT COMPANY.	
Number of lamps lighted December 31, 1881.....	102
Number of new lamps lighted during the quarter.....	0
Number of old lamps relighted during the quarter.....	0
Less lamps discontinued during the quarter.....	102 0

Number of lamps lighted March 31, 1882..... 102

Total number of gas lamps lighted March 31, 1882..... 23,534

BRUSH ELECTRIC ILLUMINATING COMPANY.	
Number of electric lamps lighted December 31, 1881.....	55
Number of new lamps lighted during the quarter.....	0
Number of old lamps relighted during the quarter.....	0
Less lamps discontinued during the quarter.....	55 0

Number of electric lamps lighted March 31, 1882..... 55

Total number of lamps lighted March 31, 1882..... 23,589

RECAPITULATION.

Number of lamps lighted, December 31, 1881.....	23,521
Number of new lamps lighted during the quarter.....	101
Number of old lamps relighted during the quarter.....	53 154
Less lamps discontinued during the quarter.....	23,675 86

Total number of lamps lighted March 31, 1882..... 23,589

EXHIBIT “E.”

Statement giving the Illuminating Power of the Gas supplied by the several Gas-light Companies during the Quarter ending March 31, 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.
Jan. 7.....	21.36	24.57	22.65	23.38	26.69	25.40	22.86	28.56	24.43	23.48	25.80	24.33	17.35	18.24	17.96	17.81	18.66	18.29
“ 14.....	21.89	28.31	24.42	25.30	26.77	26.30	22.88	26.00	24.50	23.97	23.92	23.51	17.62	19.17	18.55	18.64	19.39	18.93
“ 21.....	22.95	25.64	24.06	25.20	27.01	26.11	24.14	28.50	26.05	23.93	24.52	24.22	17.82	19.62	18.51	18.09	19.33	18.61
“ 28.....	22.99	25.81	24.37	25.21	27.61	26.41	21.44	26.90	24.84	23.38	24.74	23.82	17.70	19.73	18.68	17.40	19.43	18.58
Feb. 4.....	19.56	25.54	23.30	25.72	27.61	26.84	22.59	25.76	24.34	23.46	24.36	23.90	17.90	18.95	18.53	17.60	18.68	18.12
“ 11.....	19.50	25.01	21.45	25.65	28.35	27.16	23.52	26.87	25.40	22.94	24.09	23.32	17.68	18.43	17.87	17.97	18.84	18.35
“ 18.....	19.94	24.21	21.97	25.17	27.43	26.52	23.75	26.19	24.89	22.60	23.62	23.26	16.75	19.62	18.35	17.76	18.62	18.34
“ 25.....	20.89	27.59	22.86	25.77	27.80	26.71	21.52	26.33	24.35	22.62	23.20	23.02	17.55	19.06	18.24	17.42	18.46	18.06
Mar. 4.....	19.30	25.58	21.76	26.23	27.70	26.82	24.64	26.11	25.37	20.96	23.40	22.57	17.10	19.17	18.13	18.06	19.29	18.63
“ 11.....	19.65	24.06	21.53	26.46	28.20	27.55	23.10	28.33	25.72	23.03	24.08	23.59	17.28	19.15	18.38	18.60	19.22	18.89
“ 18.....	20.88	23.40	22.17	26.90	29.15	28.38	22.65	27.29	26.15	22.04	24.15	23.01	17.51	18.77	18.07	17.64	19.17	18.45
“ 25.....	18.88	23.22	21.60	17.80	29.59	28.67	25.58	27.78	26.51	23.18	24.00	23.59	18.28	19.02	18.70	18.52	19.28	18.93
Distance from Gas Works.	2 1/10 Miles.			3 1/10 Miles.			1 7/10 Miles.			3 1/10 Miles.			1 8/10 Miles.			1 7/10 Miles.		
Testing Burner..	Bray's Slit Union No. 7.			Bray's Slit Union No. 7.			Bray's Slit Union No. 7.			Bray's Slit Union No. 6.			Empire, 5 feet.			Empire, 5 feet.		

Document "J."

REPORT OF SUPERINTENDENT OF REPAIRS AND SUPPLIES.

CITY OF NEW YORK—DEPARTMENT OF PUBLIC WORKS,
BUREAU OF REPAIRS AND SUPPLIES,
SUPERINTENDENT'S OFFICE, 31 CHAMBERS STREET, ROOM 15,
NEW YORK, May 8, 1882.

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

SIR—In compliance with your instructions, I have the honor to submit the following report of the transactions of this Bureau for the three months ending March 31, 1882.

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:

New Court House.—In the record-room, recently constructed in the County Clerk's office, pigeon-holes and book-cases have been put up. Four radiators have been put in the Paymaster's office, and steam connections made with boiler. An open fire-place has been built in the office of the City Chamberlain. Glass-paneled partitions have been put up and painted to conform to other wood-work in room lately assigned to the Commissioners of Accounts.

31 Chambers street.—A new fire-proof brick vault has been constructed under side-walk area for the safe-keeping of documents, etc., belonging to the bureau of the Chief-Engineer, Department of Public Works. Pigeon-holes and book-cases furnished to the office of Water Purveyor.

City Hall.—The rooms occupied by the Twenty-sixth Precinct Police have been thoroughly overhauled, the ceilings repaired, and new ceilings put up, where necessary, and painted, etc., throughout. The rooms of the janitor have also been painted, kalsomined, etc.

Brown-stone Building.—To guarantee an unfailing supply of water, an independent connection has been made between the street Croton-main and boiler. A steam pump has also been put in. The elevator has been enclosed with suitable cabinet work. The floor tiling has been relaid, and necessary repairs made to complete the work. Partitions have been put up in the offices of the District Attorney and Commissioners of Taxes and Assessments. Carpets, linoleums, and some office furniture supplied to the District Attorney's office.

Hall of Record.—Repairs made to wood-work in Searcher's office.

49 Beekman street.—Extensive alterations have been made to partitions, etc., in the office of the Public Administrator.

First District Court House.—The court room and offices have been completely overhauled, the plastering repaired and wood-work painted; carpets, linoleum and office furniture supplied; the roof repaired and painted.

Fifth District Court House.—The upper portion of this building has been suitably fitted up for occupancy of the janitor of the building, and additions and alterations have been made to the court offices.

Seventh District Court House.—Repairs made to feeder of steam-boiler.

First District Police Court.—The plaster walls and ceilings have been repaired, kalsomined and painted; the wood-work painted, grained and varnished, and carpets and linoleum furnished.

Third District Police Court.—Cornice and roof repaired and painted, and interior of court rooms thoroughly painted throughout.

Fifth District Police Court.—Alterations made to steam fitting and radiators repaired.

County Jail.—Tin roof repaired, walls, and around the chimneys, pointed up and made tight, and new gutter put on rear of building.

Ninth Regiment Armory.—Two tanks, lined with lead, of 2,000 gallons capacity, have been put in.

West Washington Market.—The old planking on one-half of Vesey street pier has been taken up, the bearing timbers, where defective, replaced by new ones, and then planked and properly spiked.

Clinton Market.—The second story extension, on Washington street side, has been shored up, and four stone columns, which had been out of plumb, reset and made secure.

Catharine Market.—On both sides of the north market the gutters have been lined with galvanized iron and the same painted.

For further information concerning the work on Tompkins and Essex Market Armories, and the alterations and repairs to Fulton Market, I respectfully call your attention to accompanying report thereon by the architect, Douglas Smyth, Esq.

Free Floating Baths.—The tanks in six of the baths have been taken out, caulked, properly fastened, and put back in position.

General repairs have been made to the flooring, balconies, planking, etc., of Baths Nos. 6, 7, and 8.

Not the least of the duties of the Bureau has been the supplying of fuel, office furniture, law books, ice, cleaner's supplies, etc., to the various buildings, courts, offices, and armories, which are in the care of the Department.

Very respectfully yours,

THOMAS H. MCAVOY, Supt. Repairs and Supplies.

NEW YORK, May 3, 1882.

T. H. MCAVOY, Superintendent Repairs and Supplies:

SIR—In regard to the work on buildings under my charge, I have the honor to report that from the first of January to the first of April, 1882, the contract for alterations in Tompkins Market Armory was completed to my satisfaction.

The work at Essex Market Armory, including extra work made necessary by the unsafe condition of the building, has all been satisfactorily performed and completed.

The work on repairs to Fulton Market, up to April 1, has been completed. The marketmen are moving back into their new quarters. The work there, as far as done, is according to plans and specifications, and very satisfactory.

Respectfully,

DOUGLAS SMYTH, Architect.

Document "K."

DEPARTMENT OF PUBLIC WORKS,
BUREAU OF INCUMBRANCES, ROOM 16, 31 CHAMBERS STREET,
NEW YORK, April 13, 1882.

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

SIR—Herewith I submit a report of the business of this Bureau for the quarter ending March 31, 1882 (months of January, February and March).

Number of complaints received, and notices issued for the removal of obstructions and incumbrances on the streets and sidewalks, 873.

Number of removals of merchandise, wagons, trucks, stands, stones, dirt, etc., etc., to the Corporation yard, or other suitable place, 235.

Expenses of such removals (including 1,201 loads of stones and dirt) from various parts of the city, \$1,372.35.

Total expenses for the quarter, \$1,972.35.

Received by redemption of seized articles, \$27.75.

Which was paid over to the City Chamberlain.

Number of permits issued to builders..... 1,405

" " to cut down trees..... 13

" of special permits issued..... 152

" of notices issued to repair sidewalks..... 86

" " " vault covers..... 2

Respectfully,

JOSEPH BLUMENTHAL, Superintendent of Incumbrances.

Document "L."

BUREAU OF WATER REGISTER, 31 CHAMBERS STREET,
NEW-YORK, March 31, 1882.

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 March 31, 1882:

	Principal.	Penalties.	Taps.
January.....	\$54,540 25	\$857 25	\$247 00
February.....	35,845 70	602 55	362 50
March.....	37,607 60	717 45	961 50
Total.....	\$127,993 55	\$2,177 25	\$1,571 00
		\$131,741 80	

Deposit to the credit of Special Meter Stock—

January.....	\$3,253 39
February.....	1,062 35
March.....	3,811 68
Total.....	\$8,127 42

Special Fund—Repairing Streets and Sidewalks—

January.....	\$495 00
February.....	485 00
March.....	1,147 00
Total.....	\$2,127 00

Respectfully submitted,

J. H. CHAMBERS, Water Register.

APPROVED PAPERS.

Ordinances, resolutions, etc., approved by the Mayor during the week ending July 8, 1882.

Resolved, That permission be and the same is hereby given to Edward L. Meader to erect and retain a swinging sign in front of his premises, No. 262 Sixth avenue; such permission to continue only during the pleasure of the Common Council.

Adopted by the Board of Aldermen, June 6, 1882.

Received from his Honor the Mayor, June 20, 1882, with his objections thereto.

In Board of Aldermen, July 3, 1882, taken up, reconsidered, as provided in section 13, chapter 335, Laws of 1873, and adopted, notwithstanding the objections of his Honor the Mayor, two-thirds of all the members elected voting in favor thereof.

Resolved, That permission be and the same is hereby given to Giovanni Gucciardi to retain the barber-pole and sign now in front of No. 17 Park Row; such permission to continue only during the pleasure of the Common Council.

Adopted by the Board of Aldermen, June 6, 1882.

Received from his Honor the Mayor, June 20, 1882, with his objections thereto.

In Board of Aldermen, July 3, 1882, taken up, reconsidered, as provided in section 13, chapter 335, Laws of 1873, and adopted, notwithstanding the objections of his Honor the Mayor, two-thirds of all the members elected voting in favor thereof.

Resolved, That permission be and the same is hereby given to Timothy Murphy to place and keep a storm-door within the stoop-line, in front of his premises, No. 36 West Thirtieth street; such permission to continue only during the pleasure of the Common Council.

Adopted by the Board of Aldermen, June 6, 1882.

Received from his Honor the Mayor, June 20, 1882, with his objections thereto.

In Board of Aldermen, July 3, 1882, taken up, reconsidered, as provided in section 13, chapter 335, Laws of 1873, and adopted, notwithstanding the objections of his Honor the Mayor, two-thirds of all the members elected voting in favor thereof.

Resolved, That permission be and the same is hereby given to John Sutherland to keep a soda-water stand, three feet wide by eight feet long, and distant twelve feet from the western stairway of the City Hall station of the Elevated Railroad, the work done at his own expense, under the direction of the Commissioner of Public Works; such permission to continue only during the pleasure of the Common Council.

Adopted by the Board of Aldermen June 6, 1882.

Received from his Honor the Mayor June 20, 1882, with his objections thereto.

In Board of Aldermen, July 3, 1882, taken up, reconsidered, as provided in section 13, chapter 335, Laws of 1873, and adopted, notwithstanding the objections of his Honor the Mayor, two-thirds of all the members elected voting in favor thereof.

Resolved, That permission be and the same is hereby given to Charles A. King to retain the hoisting apparatus now in front of his premises, at Nos. 49 and 51 First street; such permission to continue only during the pleasure of the Common Council.

Adopted by the Board of Aldermen June 6, 1882.

Received from his Honor the Mayor June 20, 1882, with his objections thereto.

In Board of Aldermen, July 3, 1882, taken up, reconsidered, as provided in section 13, chapter 335, Laws of 1873, and adopted, notwithstanding the objections of his Honor the Mayor, two-thirds of all the members elected voting in favor thereof.

Resolved, That permission be and the same is hereby given to Theodore F. Tone to regulate and grade the Twelfth avenue, from the southerly line of One Hundred and Twenty-seventh street to a line fifty feet south of the southerly line of One Hundred and Twenty-ninth street, the work to be done at his own expense, under the direction of the Commissioner of Public Works.

Adopted by the Board of Aldermen, June 6, 1882.

Received from his Honor the Mayor, June 20, 1882, with his objections thereto.

In Board of Aldermen, July 3, 1882, taken up, reconsidered, as provided in section 13, chapter 335, Laws of 1873, and adopted, notwithstanding the objections of his Honor the Mayor, two-thirds of all the members elected voting in favor thereof.

Resolved, That permission be and the same is hereby given to A. Seller to place and keep a small hand wagon at No. 210 Sixth avenue (corner Fourteenth street), for the purpose of selling fruit, he having obtained the consent of occupant of store, the work to be done at his own expense; such permission to continue only during the pleasure of the Common Council.

Adopted by the Board of Aldermen, June 6, 1882.

Received from his Honor the Mayor, June 20, 1882, with his objections thereto.

In Board of Aldermen, July 3, 1882, taken up, reconsidered, as provided in section 13, chapter 335, Laws of 1873, and adopted, notwithstanding the objections of his Honor the Mayor, two-thirds of all the members elected voting in favor thereof.

Resolved, That permission be and the same is hereby given to G. Maier to erect a barber-pole in front of his premises, No. 496 Second avenue, the work to be done at his own expense; such permission to continue only during the pleasure of the Common Council.

Adopted by the Board of Aldermen, June 6, 1882.

Received from his Honor the Mayor, June 20, 1882, with his objections thereto.

In Board of Aldermen, July 3, 1882, taken up, reconsidered, as provided in section 13, chapter 335, Laws of 1873, and adopted, notwithstanding the objections of his Honor the Mayor, two-thirds of all the members elected voting in favor thereof.

Resolved, That permission be and the same is hereby given to William John Speckman to place a stand for the sale of newspapers in front of premises of L. M. Hirsch, in Astor place, near the corner of Broadway, consent having been received and is hereto annexed; such permission to continue only during the pleasure of the Common Council.

Adopted by the Board of Aldermen, June 6, 1882.

Received from his Honor the Mayor, June 20, 1882, with his objections thereto.

In Board of Aldermen, July 3, 1882, taken up, reconsidered, as provided in section 13, chapter 335, Laws of 1873, and adopted, notwithstanding the objections of his Honor the Mayor, two-thirds of all the members elected voting in favor thereof.

Resolved, That permission be and the same is hereby given to John Fitzgerald to retain the awning now in front of his premises, on the northwest corner of Baxter and Worth streets; such permission to continue only during the pleasure of the Common Council.

Adopted by the Board of Aldermen, June 6, 1882.

Received from his Honor the Mayor, June 20, 1882, with his objections thereto.

In Board of Aldermen, July 3, 1882, taken up, reconsidered, as provided in section 13, chapter 335, Laws of 1873, and adopted, notwithstanding the objections of his Honor the Mayor, two-thirds of all the members elected voting in favor thereof.

Resolved, That East One Hundred and Forty-fourth street, between the westerly curb-line of North Third avenue and the easterly curb-line of Mott avenue, be regulated and graded on the established grade; that the curb, gutter and flag-stones where not on the established grade or lines be taken up and reset and relaid; that new curb, gutter and flag-stones four feet wide be set and laid where not heretofore set or laid, and that crosswalks be laid where not heretofore laid in said One Hundred and Forty-fourth street, and on each street and avenue intersecting the same at or near their several intersections within said limits, and that a bridge be constructed to carry said East One Hundred and Forty-fourth street over the track of New York and Harlem Railroad, under the direction of the Commissioners of the Department of Public Parks; and that the accompanying ordinance therefor be adopted.

Adopted by the Board of Aldermen, June 27, 1882.

Approved by the Mayor, July 7, 1882.

Resolved, That Francis H. Taylor be and he is hereby appointed a Commissioner of Deeds in and for the City and County of New York, in the place and stead of Francis H. Taylor, whose term of office expires July 27, 1882.

Adopted by the Board of Aldermen July 3, 1882.

Approved by the Mayor, July 7, 1882.

Resolved, That Stanislaus Vyborny be and he is hereby appointed a Commissioner of Deeds in and for the City and County of New York, in the place and stead of Stanislaus Vyborny, whose term of office expires July 22, 1882.

Adopted by the Board of Aldermen, July 3, 1882.

Approved by the Mayor, July 7, 1882.

Resolved, That Henry M. Halsey be and he is hereby appointed a Commissioner of Deeds in and for the City and County of New York, in the place and stead of Henry M. Halsey, whose term of office expires July 22, 1882.

Adopted by the Board of Aldermen, July 3, 1882.

Approved by the Mayor, July 7, 1882.

Resolved, That Charles Lowther and George Lowther, executors and trustees of the estate of Charles Lowther, deceased, be and are hereby granted permission to erect a new iron front to the building known and designated as No. 62 West Twenty-third street, in the City of New York, in accordance with plan hereto annexed, said iron front to project in centre one foot beyond the house-line, said centre being seven feet eight inches wide and recedes on each side to the corner of the building and house-line. The sidewalk in front of said building is thirty feet in width from house-line to curb.

Adopted by the Board of Aldermen, July 3, 1882.

Approved by the Mayor, July 7, 1882.

Resolved, That Augustus L. Hays be and he is hereby appointed a Commissioner of Deeds in and for the City and County of New York, in place of Augustus L. Hays, whose term of office expires July 18, 1882.

Adopted by the Board of Aldermen, July 3, 1882.

Approved by the Mayor, July 7, 1882.

Resolved, That permission be and the same is hereby given to Green & Thomas to erect a storm-door in front of premises No. 59 West Thirty-first street; such permission to continue only during the pleasure of the Common Council.

Adopted by the Board of Aldermen, June 27, 1882.

Approved by the Mayor, July 8, 1882.

Resolved, That the New York Cooking School be allowed to retain sign now in front of premises No. 1516 Broadway during the pleasure of the Common Council.

Adopted by the Board of Aldermen, June 27, 1882.

Approved by the Mayor, July 8, 1882.

Resolved, That the Department of Public Parks is hereby authorized to carry out that portion of the work of improvement in Morningside Park which is necessary to be done under its direction, in conjunction with the improvement of Morningside avenue, west, under the Department of Public Works, in pursuance of chapter 565, Laws of 1880; the said work to be done and said materials to be procured by private contract or contracts without public letting, as prescribed by section 91 of the Charter, chapter 335 of the Laws of 1873.

Adopted by the Board of Aldermen, June 27, 1882.

Approved by the Mayor, July 8, 1882.

Resolved, That the resolution approved October 17, 1881, giving permission to John McKiernan to retain a stand for the sale of newspapers corner of Park place and Church street, be and it is hereby annulled, rescinded and repealed.

Adopted by the Board of Aldermen, June 27, 1882.

Approved by the Mayor, July 8, 1882.

Resolved, That permission be and the same is hereby given to Augustus Fungado to erect an awning on the northeast corner of West and Cedar streets, the same to continue during the pleasure of the Common Council.

Adopted by the Board of Aldermen, June 27, 1882.

Approved by the Mayor, July 8, 1882.

Resolved, That the grounds southeast corner of One Hundred and Twenty-seventh street and Fifth avenue be and are hereby excepted and exempted from the provisions of section 181 of article XIII. of chapter 8 of the Revised Ordinances of 1880.

Adopted by the Board of Aldermen, July 3, 1882.

Approved by the Mayor, July 8, 1882.

FRANCIS J. TWOMEY,
Clerk of the Common Council.

METEOROLOGICAL OBSERVATORY

OF THE

DEPARTMENT OF PUBLIC PARKS,
CENTRAL PARK, NEW YORK.

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

ABSTRACT OF REGISTERS FROM SELF-RECORDING INSTRUMENTS

For the Week Ending July 1, 1882.

Barometer.

DATE.	7 A. M.	2 P. M.	9 P. M.	Mean for the Day.	MAXIMUM.		MINIMUM.	
					Reduced to Freezing.	Time.	Reduced to Freezing.	Time.
JUNE AND JULY.	Reduced to Freezing.	Reduced to Freezing.	Reduced to Freezing.	Reduced to Freezing.	Reduced to Freezing.	Time.	Reduced to Freezing.	Time.
Sunday, 25	29.726	29.644	29.664	29.678	29.788	0 A. M.	29.602	6 P. M.
Monday, 26	29.704	29.678	29.714	29.699	29.748	12 P. M.	29.644	3 P. M.
Tuesday, 27	29.814	29.814	29.812	29.813	29.860	10 P. M.	29.748	0 A. M.
Wednesday, 28	29.788	29.700	29.692	29.726	29.810	0 A. M.	29.682	6 P. M.
Thursday, 29	29.742	29.778	29.808	29.776	29.838	12 P. M.	29.690	0 A. M.
Friday, 30	29.900	29.888	29.754	29.847	29.904	9 A. M.	29.728	12 P. M.
Saturday, 1	29.550	29.488	29.500	29.513	29.728	0 A. M.	29.402	5 P. M.

Mean for the week..... 29.722 inches.
Maximum " at 9 A. M., June 30..... 29.904 "
Minimum " at 5 P. M., July 1..... 29.402 "
Range "502 "

Thermometers.

DATE.		7 A. M.		2 P. M.		9 P. M.		MEAN.		MAXIMUM.			MINIMUM.			MAX- IMUM.		
		Dry Bulb.	Wet Bulb.	Dry Bulb.	Wet Bulb.	Dry Bulb.	Wet Bulb.	Dry Bulb.	Wet Bulb.	Time.	Wet Bulb.	Time.	Dry Bulb.	Time.	Wet Bulb.		Time.	
JUNE AND JULY.		Dry Bulb.	Wet Bulb.	Dry Bulb.	Wet Bulb.	Dry Bulb.	Wet Bulb.	Dry Bulb.	Wet Bulb.	Dry Bulb.	Time.	Wet Bulb.	Time.	Dry Bulb.	Time.	Wet Bulb.	Time.	In Sun.
Sunday,	25	78	74	90	78	82	74	83.3	75.3	92	4 P. M.	79	4 P. M.	77	6 A. M.	73	12 P. M.	137.
Monday,	26	77	70	86	74	74	71	79.0	71.6	87	3 P. M.	76	3 P. M.	72	12 P. M.	67	12 P. M.	135.
Tuesday,	27	69	62	79	68	74	67	74.0	65.7	82	4 P. M.	70	6 P. M.	66	5 A. M.	61	5 A. M.	127.
Wednesday,	28	71	65	79	68	76	71	75.3	68.0	82	5 P. M.	71	6 P. M.	65	5 A. M.	62	5 A. M.	132.
Thursday,	29	68	63	75	63	69	61	70.7	62.3	77	3 P. M.	67	0 A. M.	63	12 P. M.	58	12 P. M.	129.
Friday,	30	62	55	71	64	66	63	66.3	60.7	71	2 P. M.	64	2 P. M.	59	5 A. M.	55	7 A. M.	123.
Saturday,	1	67	65	79	75	68	68	71.3	69.3	85	4 P. M.	78	4 P. M.	63	0 A. M.	62	0 A. M.	130.

Dry Bulb. Wet Bulb.
Mean for the week..... 74.2 degrees..... 67.5 degrees.
Maximum for the week, at 4 P. M., 25th..... 92. " at 4 P. M., 25th..... 79. "
Minimum " at 5 A. M., 30th..... 59. " at 7 A. M., 30th..... 55. "
Range " " 33. " 24. "

Wind.

DATE.		DIRECTION.			VELOCITY IN MILES.				FORCE IN POUNDS PER SQUARE FOOT.				
					7 A. M.	2 P. M.	9 P. M.	Distance for the Day.	7 A. M.	2 P. M.	9 P. M.	Max.	Time.
JUNE AND JULY.		7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	Distance for the Day.	7 A. M.	2 P. M.	9 P. M.	Max.	Time.
Sunday,	25...	SW	W	W	77	84	82	243	1¼	2¼	¾	10	6.40 P. M.
Monday,	26...	WNW	WSW	NW	48	45	48	141	¾	1	0	3¾	3 P. M.
Tuesday,	27...	NW	NW	WNW	56	60	57	173	¾	1	0	2¾	4 P. M.
Wednesday,	28...	NNW	NNW	N	10	29	30	69	0	0	0	1	4 P. M.
Thursday,	29...	NW	NNW	NNW	41	62	56	159	¾	¾	0	3¾	11 A. M.
Friday,	30...	ENE	SSW	ESE	31	20	65	116	0	¾	½	2½	12 P. M.
Saturday,	1....	SSE	ESE	ENE	71	22	44	137	¾	0	¾	5¾	5.10 P. M.

Distance traveled during the week..... 1,038 miles.
Maximum force " " 10 pounds.

DATE.	JUNE AND JULY.	Hygrometer.						Clouds.			Rain and Snow.				
		FORCE OF VAPOR.			RELATIVE HUMIDITY.			CLEAR, o. OVERCAST, 10.			DEPTH OF RAIN AND SNOW IN INCHES.				
		7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	Time of Beginning.	Time of Ending.	Duration.	Amount of Water.	Depth of Snow.
Sunday, 25785	.796	.731	82	56	67	5 Cir. Cu.	4 Cir. Cu.	8 Cu.	.....	.....	.....	.....	..
Monday, 26639	.677	.718	69	54	85	6 Cir. Cu.	3 Cu.	0	3 P. M.	4.30 P. M.	1.30	.56	..
Tuesday, 27462	.537	.568	65	54	67	0	3 Cir. Cu.	0	.....	.....	.....	.....	..
Wednesday, 28537	.537	.691	71	54	77	5 Cir. Cu.	4 Cir. Cu.	5 Cir. Cu.	.....	.....	.....	.....	..
Thursday, 29509	.475	.430	74	48	00	3 Cir.	2 Cir. Cu.	2 Cir.	.....	.....	.....	.....	..
Friday, 30340	.503	.536	61	66	84	3 Cir. Cu.	9 Cu.	10	8 P. M.	12 P. M.	4.00	.24	..
Saturday, 1591	.814	.685	89	82	100	10	9 Cu.	7 Cu.	0 A. M.	6.30 A. M.	6.30	1.41	..

Total amount of water for the week..... 2.21 inch

DANIEL DRAPER, PH. D., Director.

EXECUTIVE DEPARTMENT.

MAYOR'S OFFICE—BUREAU OF LICENSES,
NEW YORK, July 8, 1882.

Number of licenses issued and amount received therefor
for the month ending June 30, 1882:

	LICENSES.	AMOUNT.
Fees paid into City Treasury.....	754	\$1,634 75
Fees paid into Sinking Fund.....	1,902	3,779 50
Fund for the use of the poor of the city.....	11	120 00
Total.....	2667	\$5,534 25

GEO. A. McDERMOTT,
Mayor's Marshal.

MAYOR'S OFFICE—BUREAU OF LICENSES,
NEW YORK, July 8, 1882.

Number of Licenses issued and amount received therefor,
for the week ending July 7, 1882:

DATE.	LICENSES.	AMOUNT.
July 1, 1882.....	37	\$119 75
" 3, " Office closed.....	..	.....
" 4, " Office closed.....	..	.....
" 5, "	87	213 75
" 6, "	57	124 25
" 7, "	60	186 00
Total	241	\$643 75

GEO. A. McDERMOTT,
Mayor's Marshal.

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; WILLIAM M. IVINS,
Secretary and Chief Clerk.

Mayor's Marshal's Office.

No. 1 City Hall, 10 A. M. to 3 P. M.
GEORGE A. McDERMOTT, First Marshal.

Permit Bureau Office.

No. 13½ City Hall, 10 A. M. to 3 P. M.
HENRY WOLTMAN, Register.

Sealers and Inspectors of Weights and Measures.

No. 7 City Hall, 10 A. M. to 3 P. M.
WILLIAM EYERS, Sealer First District; CHRISTOPHER
BARRY, Sealer Second District; JOHN MURRAY, Inspector
First District; JOSEPH SHANNON, Inspector Second Dis-
trict.

COMMISSIONERS 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.
WILLIAM SAUER, President Board of Aldermen.
FRANCIS J. TWOMEY, Clerk Common Council.

City Library.

No. 12 City Hall, 10 A. M. to 4 P. M.
THOS. J. O'CONNELL, 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.

Engineer in Charge of Sewers.

No. 31 Chambers street, 9 A. M. to 4 P. M.
STEPHENSON 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.

MARTIN J. KEENE, 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 Arrears
of Taxes and Assessments and of Water Rents.

No. 5 New County Court-house, 9 A. M. to 4 P. M.
ARTEMAS CADDY, 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.

Staatz Zeitung Building, third floor, 9 A. M. to 5 P. M.
Saturdays, 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; SETH C. HAWLEY,
Chief Clerk; JOHN J. O'BRIEN, Chief Bureau of Elections.

DEPARTMENT OF CHARITIES AND CORRECTION.

Central Office.

No. 66 Third avenue, corner Eleventh street, 8:30 A. M.
to 5:30 P. M.
THOMAS S. BRENNAN, 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, 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, Chief of Battalion-in-Charge, 8 A. M. to
5 P. M.

Hospital Stables.

No. 199 Chrystie street.
DEDERICK 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 and 5th avenue, 9 A. M. to 5 P. M.

Office of Superintendent of 23d and 24th Wards.

146th street and 3d avenue, 9 A. M. to 5 P. M.

DEPARTMENT OF DOCKS.

Nos. 117 and 119 Duane street, 9 A. M. to 4 P. M.
WILLIAM LAIMEER, President; JOHN T. CUMING,
Secretary.

DEPARTMENT OF TAXES AND ASSESSMENTS.

Brown-stone Building, City Hall Park, 9 A. M. to 4 P. M.
THOMAS B. ASTEN, President; J. C. REED,
Secretary.

Office Bureau Collection of Arrears of Personal Taxes
No.

DEPARTMENT OF STREET CLEANING.

31 Chambers street, Rooms 10, 11 and 12, 9 A. M.
to 4 P. M.

JAMES S. COLEMAN, Commissioner; M. J. MORRISON,
Chief Clerk.

BOARD OF ASSESSORS.

Office, City Hall, Room No. 11½, 9 A. M. to 4 P. M.
JOHN R. LYDECKER, Chairman; WM. H. JASPER,
Secretary.

BOARD OF EXCISE.

Corner Bond street and Bowery, 9 A. M. to 4 P. M.
WILLIAM P. MITCHELL, President; ANTHONY HART-
MAN, 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;
ALEX. V. DAVIDSON, Order Arrest Clerk.

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.
GEORGE CAULFIELD, 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; CHAS. S. BEARDS-
LEV, Deputy County Clerk.

DISTRICT ATTORNEY'S OFFICE.

Second floor, Brown-stone Building, City Hall Park, 9
A. M. to 4 P. M.
JOHN McKEON, District Attorney; HUGH DONNELLY,
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., except Saturdays on
which days 8 A. M. to 3 P. M.
THOMAS COSTIGAN, Supervisor; R. P. H. ABELL, Book-
keeper.

DEPARTMENT OF TAXES AND ASSESSMENTS.

DEPARTMENT OF TAXES AND ASSESSMENTS,
COMMISSIONERS' OFFICE,
NEW YORK, July 3, 1882.

PUBLIC NOTICE IS HEREBY GIVEN BY THE
Commissioners of the Department of Taxes and
Assessments that the assessment rolls of real and personal
estate in said city, for the year 1882, have been finally
completed and have been delivered to the Board of Alder-
men of said city, and that such assessment rolls will re-
main open to public inspection, in the office of the clerk of
said Board of Aldermen, for a period of fifteen days from
the date of this notice.

THOMAS B. ASTEN,
GEORGE B. VANDERPOEL,
EDWARD C. DONNELLY,
Commissioners of Taxes and Assessments.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION.

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

TO CONTRACTORS.

PROPOSALS FOR GROCERIES AND DRY GOODS.

SEALED BIDS OR ESTIMATES FOR FURNISH-

GROCERIES.
3,000 pounds dairy butter, sample on exhibition July
1882.
25,000 fresh eggs (all to be candled).
100 bags hominy.
50 barrels oatmeal.
20 barrels pickles; 40 gallons, 2,000 to the barrel.

DRY GOODS.
5,500 yards cadet cassimere.
3,750 yards Vermont cassimere.
1,500 yards prison cloth, striped.
1,000 yards prison cloth, plain.
10,000 yards cottonades.
5,000 yards blue denims.
5,000 yards awning stripes.
1,500 yards cottonades.
250 rubber blankets.
100 pieces oiled muslin.

—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 9:30 o'clock A. M., of Friday,
the 21st day of July, 1882. The person or persons making
any bid or estimate shall furnish the same in a sealed
envelope, indorsed "Bid or Estimate for Groceries and
Dry Goods," 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 re-
serves 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 prac-
ticable 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.

Any bidder for this contract must be known to be en-
gaged in and well prepared for the business, and must
have satisfactory testimonials to that effect; and the per-
son 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 that fact; that it is made without any
connection with any other person making an estimate for
the same purpose, and is in all respects fair and without
collusion or fraud; and that no member of the Common
Council, Head of a Department, Chief of a Bureau, Deputy
thereof or Clerk therein, or other officer of the Corpora-
tion, 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 con-
sent, 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 con-
tract 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 sign-
ing 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 become surety. The
adequacy and sufficiency of the security offered to be ap-
proved by the Comptroller of the City of New York.

No bid or estimate will be considered unless accom-
panied 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 per-
formance of the contract. Such check or money must
not be included in the sealed envelope containing the
estimates, but must be handed to the officer or clerk of
the Department who has charge of the Estimate-book, and
no estimate can be deposited in said 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 per-
sons 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 re-
tained 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 his 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 hav-
ing abandoned it and as in default to the Corporation, and
the contract will be readvertised 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 Depart-
ment. Bidders are cautioned to examine the specifica-
tions for particulars of the articles, etc., required, before
making their estimates.

Bidders will state the prices 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 Compt-
roller, 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 specifi-
cations will be allowed, unless under the written instruc-
tion of the Commissioners of Public Charities and Correc-
tion.

The Department of Public Charities and Correction re-
serves 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, July 8, 1882.

THOMAS S. BRENNAN,
JACOB HESS,
HENRY H. PORTER,
Commissioners of the Department of
Public Charities and Correction.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION,
No. 66 THIRD AVENUE,
NEW YORK, June 28, 1882.

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 Com-
missioners of Public Charities and Correction report as
follows:

At Morgue, Bellevue Hospital, from foot of Twenty-
third street, East river, unknown man; age about forty
years; five feet seven inches high; sandy hair, mous-
tache and chin beard; had on black coat, dark vest and
pants, white shirt, white flannel undershirt and drawers,
blue woolen stockings, gaiters.

Unknown man from off Randall's Island; age about
thirty-five years; five feet six inches high; dark brown
hair, moustache and imperial; had on black pilot coat,
dark mixed cloth pants, striped gingham shirt, white
shirt marked "A. K.," white Canton flannel drawers,
gray knit undershirt, boots.

Unknown woman from foot of Stanton street; age
about forty years; five feet three inches high; red curly
hair; blue eyes; second finger of right hand amputated;
had on dark check calico wrapper, black alpaca skirt,
light check calico waist, white chemise, corsets, brown
merino stockings, white cotton stockings, laced gaiters.

At Charity Hospital, Blackwell's Island, Ann Horn,
age fifty years; five feet high; brown hair; blue eyes.
Had on, when admitted, drab dress, black quilted petti-
coat.

At Workhouse, Blackwell's Island, Bertha Cramer,
age fifty-nine years; committed June 15, 1882.
Henry Norton, age fifty-two years; committed June
14, 1882.

At Homeopathic Hospital, Ward's Island, Henry
Sengevald, age forty-two years; five feet five inches
high; dark eyes; black hair. Had on, when admitted,
brown pants and vest, black Derby hat.

Catherine Duffy, age thirty years; five feet two inches
high; blue eyes; red hair. Had on, when admitted,
dark wrapper, waterproof cloak, black hat.

At Randall's Island Hospital, Mary Cook, age forty-
two years; five feet two inches high; brown hair and
eyes. Had on, when admitted, brown shawl, gray
sacque, brown petticoat, gingham apron, buttoned gaiters.

At Hart's Island Hospital, Joseph Temple, age seventy
years; gray hair and eyes.

Nothing known of their friends or relatives.

By order, G. F. BRITTON,
Secretary.

ASSESSMENT COMMISSION.

NOTICE IS HEREBY GIVEN, THAT A MEET-
ing of the Commissioners under the act, chap-
ter 550 of the Laws of 1880, entitled "An act relating to
certain assessments for local improvements in the City of
New York," passed June 9, 1880, will be held at their
office, No. 27 Chambers street, on Tuesday, July 11,
1882, at 2:30 o'clock P. M.

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

DEPARTMENT OF DOCKS.

NOTICE.

DEPARTMENT OF DOCKS,
Nos. 117 and 119 DUANE STREET,
NEW YORK, April 22, 1882.

RULES AND REGULATIONS ESTABLISHED for the government and proper care of piers, bulkheads, slips, and other wharf property, under the provisions of subdivision 7, of section 6 of chapter 574 of the Laws of 1874, by the Board of the Department of Docks, and published, to take effect on and after

MAY 1, 1882.

The said subdivision 7, among other things, provides as follows:

The violation of or disobedience to any rule, regulation, or order of said Board shall be a misdemeanor, punishable by a fine not exceeding five hundred dollars, or by imprisonment not exceeding thirty days, or by both such fine and imprisonment, on complaint of said Board.

And every person guilty of a violation of or disobedience to any of the following rules or regulations, in addition to the penalties thereby fixed and imposed, to be recovered in civil actions, is liable to be prosecuted for a misdemeanor and to be punished by such fine and imprisonment, or by both.

No. 1.—No piles shall be driven, nor shall any platform be erected, nor shall any filling-in of any kind be made on any part of the water-front of the city, without a written permit therefor being first had and obtained from the Board, under a penalty of two hundred and fifty dollars, for every such offense, to be recovered from the owner, lessee, or occupant of any pier or bulkhead, or of any water-front property or right, who shall cause or permit any such work to be done upon his premises before such permit therefor has been obtained, and under the further penalty of fifty dollars for each and every day which shall elapse before any piles so driven, or platform so erected, or material so filled-in, without such permit being first obtained, shall be removed, after the expiration of the time which may be allowed for such removal, by a notice served upon such owner, lessee, or occupant, by the Corporation Wharfinger for the district, to be also recovered from such owner, lessee, or occupant.

No. 2.—No shed, building, office, tally-house, or other structure shall be erected, nor shall any derrick, hoisting-mast, coal-hopper, sign, or advertising device, or other erection or obstruction of any kind be placed or maintained upon any pier, bulkhead, or other wharf structure, nor upon any reclaimed land, without a written permit therefor being first had and obtained from the Board; and if the owner, lessee, or occupant of any such premises, or the owner, lessee, or agent, of any such structure, erections, or obstructions, shall fail to comply with a notice served by the Corporation Wharfinger for the district to remove any such structure, erection, or obstruction, after the expiration of the time allowed by such notice for the removal, such owner, lessee, occupant or agent, shall forfeit and pay a penalty of twenty-five dollars per day for each and every day, which shall elapse before any such structure, erection or obstruction, shall be removed, after the expiration of the time for the removal thereof specified in said notice.

No. 3.—No cargo shall be discharged from any vessel upon any bulkhead or wharf structure, at which such vessel is being unladen, after service by the Corporation Wharfinger for the district, upon the owner, consignee, master, or other officer, or stevedore, of such vessel, of a notice that such bulkhead or structure will be endangered by the placing of additional cargo thereon, under a penalty of two hundred and fifty dollars for every such offense, and a further penalty equal in amount to the damages of every description which shall be caused by the further discharging of cargo upon such bulkhead or wharf structure, after the service of the said notice, both of such penalties to be recovered from such owner, consignee, master or other officer or stevedore, severally and respectively.

No. 4.—All goods, merchandise, and materials of every kind, landed or placed on any pier, bulkhead, or other wharf structure, or upon reclaimed land, must be removed therefrom without unnecessary delay, and within twenty-four hours after the Corporation Wharfinger for the district shall have served upon the owner, shipper, or consignee, of such cargo, a notice to remove the same, under a penalty of fifty dollars per day for each and every day, during which any part of said cargo shall remain upon such pier, bulkhead, structure, or land, after the expiration of the said twenty-four hours, to be recovered from such owner, shipper, or consignee, severally and respectively.

No. 5.—All goods, merchandise and materials of every kind encumbering any pier, bulkhead or other wharf structure, or reclaimed land, after the time designated for the removal thereof shall have expired, will be liable to be removed by the Board to any warehouse or yard, at the sole risk and expense of the owner of any such property, and all expense incurred for such removal and storage or otherwise, shall be and become a lien thereon, and such goods, merchandise and materials will not be delivered to the owner until the expense of such removal and storage has been paid.

No. 6.—No person shall construct or maintain any engine-house, tally-house, or other small structure, under a permit of the Board, on any unshedded pier, or other wharf structure, unless the same be placed on wheels so as to admit of easy removal thereupon when required, and to prevent the accumulation of dirt or refuse thereunder, under a penalty of twenty-five dollars per day for each and every day which may elapse before the discontinuance of such offense.

No. 7.—No vessel of any kind shall be loaded or discharged by horse power, nor shall stones or similar cargo be discharged from any vessel, upon any pier, bulkhead or other wharf structure, unless proper planking be provided to protect the surface of such pier, bulkhead or other wharf structure from injury consequent upon the travel of the horse, or the throwing of the stones or similar cargo thereupon, under a penalty of five dollars a day for each horse so employed, and of twenty-five dollars for each offense of discharging such stones or like cargo, upon such pier, bulkhead, or other wharf structure, to be recovered from the owner, consignee, master, or stevedore of any such vessel, severally and respectively; and if such penalty be recovered for using horses, or discharging stones or similar cargo, upon wharf property belonging to the Corporation, under lease, it shall be paid to the lessee thereof, but if such penalty be recovered for using horses, or discharging stones or similar cargo, upon wharf property not owned by the Corporation, it shall be paid to the owner thereof.

No. 8.—No sand shall be discharged from any vessel unless canvas or similar material be extended from the vessel's side to the bulkhead or wharf structure at which such vessel is being unladen, to prevent the falling of the sand into the water, and if the surface of any such wharf structure is not sufficiently tight to prevent the sand dumped thereon from going through into the water, then no sand shall be discharged thereon from any vessel, unless canvas or similar material be first laid thereon to receive the sand, under a penalty of twenty-five dollars for each offense, to be recovered from the owner, consignee, master or stevedore of any such vessel, severally and respectively; and if such penalty be recovered on account of sand discharged upon wharf property belonging to the Corporation, under lease, it shall be paid to the lessee thereof, but if such penalty be recovered on account of sand discharged upon wharf property not owned by the Corporation, it shall be paid to the owner thereof.

No. 9.—The owners, lessees and occupants of every pier, wharf and bulkhead in the City of New York shall keep the same in good repair, and the slips adjacent thereto properly dredged; and whenever, in the judgment of the Board, it shall be necessary so to do, written notices, signed by the President or Secretary of said Board, shall be served upon the owners, lessees or occupants, or collector of wharfage of any such pier, wharf or bulkhead, or the slip adjoining the same, on or in which repairs or dredging are required by said Board, specifying the nature and extent of the repairs or dredging so required,

and the time within which such repairs must be made, or such dredging done; and in case the owners, lessees or occupants so notified, fail to comply with the terms and requirements of such notice, they shall forfeit and pay a penalty of fifty dollars per day for every day which shall elapse before they comply with such notice.

No. 10.—No ashes, refuse, offal, fruit, vegetables or any other substances, shall be thrown into the waters surrounding or adjacent to any pier or bulkhead, or any other part of the water-front of the city, under a penalty of twenty-five dollars for every such offense, to be recovered from the owner, lessee, or occupant, severally and respectively, of any pier, bulkhead, wharf structure, or other property, from which any such substance shall be thrown, or from the person actually throwing the same; or if any such substance be thrown from any vessel lying in waters within the jurisdiction of the Department, whether berthed or not, then such penalty to be recovered from the owner, consignee, or master of such vessel, severally and respectively.

No. 11.—No snow or ice shall be dumped into the waters adjacent to the water-front of the city, except from the piers, bulkheads and other places designated from time to time, by the Board, for such dumping, under a penalty of twenty-five dollars for each offense, to be recovered from the owner, lessee or occupant of any pier, bulkhead or other wharf property, from which any such snow and ice shall be dumped, or from the person actually dumping the same, severally and respectively.

No. 12.—All lumber, brick, or other material in bulk discharged on any bulkhead not shedded, shall be at once removed, or, if not so removed, shall be placed at least twenty feet from the edge of the bulkhead, pending removal, under a penalty of fifty dollars per day, for each and every day such lumber, brick or other material shall remain on the bulkhead, to be recovered from the owner or consignee of such lumber, brick or other material, or from the person placing, or causing the same to be placed, on such bulkhead, severally and respectively.

No. 13.—The charges for wharfage and dockage of all vessels admitted to any of the piers or bulkheads constructed under the new plans adopted by the Department, shall be at the same rates as are now, or shall hereafter be fixed and established by laws of this State, until otherwise ordered by the Board.

No. 14.—The term "Board," when used in the foregoing rules and regulations, shall be taken to mean "The Board of the Department of Docks of the City of New York," and the term "Corporation," when so used, shall be taken to mean "The Mayor, Aldermen and Commonalty of the City of New York."

JOHN R. VOORHIS,
JOSEPH ANDERSON,
WM. LAIBBEER,
Commissioners of Docks.

DEPARTMENT OF PUBLIC WORKS.

DEPARTMENT OF PUBLIC WORKS,
COMMISSIONER'S OFFICE,
ROOM 6, NO. 31 CHAMBERS STREET,
NEW YORK, July 7, 1882.

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 Thursday, July 20, 1882, at 12 o'clock M., at which hour and place they will be publicly opened by the head of the Department and read, for the following:

No. 1. PAVING, with granite-block pavement, Eleventh avenue, from south side of Forty-sixth street to the north side of Fifty-second street, and laying crosswalks at the intersecting streets and avenues where required.

No. 2. PAVING, with trap-block pavement, Twenty-fifth street, from Sixth to Eleventh avenue, including intersection of Eleventh avenue, and laying crosswalks at the intersecting streets and avenues where required.

Each estimate must contain the name and place of residence of the person making the same, the names of all persons interested with him therein, and if no other person be so interested, it shall distinctly state that fact. That it is made without any connection with any other person making an estimate for the same work, and is in all respects fair and without collusion or fraud. 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 in the estimate or in the work to which it relates or in the profits thereof.

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

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

No estimate will be considered unless accompanied by either a certified check upon one of the national banks of the City of New York, drawn to the order of the Comptroller, or money, to the amount of five per centum of the amount of the security required for the faithful performance of the contract. Such check or money must not be inclosed in 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 bid or estimate, the proper envelopes in which to inclose the same, the specifications and agreements, and any further information desired can be obtained at the office of the Water Purveyor, Room 1, No. 31 Chambers street.

HUBERT O. THOMPSON,
Commissioner of Public Works.

DEPARTMENT OF PUBLIC WORKS,
COMMISSIONER'S OFFICE,
ROOM 6, NO. 31 CHAMBERS STREET,
NEW YORK, July 5, 1882.

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 Thursday, July 20, 1882, 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. SEWER in Twentieth street, between Fourth avenue and Irving place, from end of present sewer in Twentieth street, east of Irving place.

No. 2. REGULATING, GRADING, CURBING, Flagging and Paving with trap-block pavement Forty-fourth street, from the west end of Eleventh avenue to the east line of Twelfth avenue.

No. 3. PAVING with trap-block pavement Sixty-eighth street, from Avenue A to First avenue, and laying crosswalks at the intersecting streets and avenues where required.

No. 4. PAVING with trap-block pavement Eighty-first street, from the Boulevard to Ninth avenue, and laying crosswalks at the intersecting streets and avenues where required.

No. 5. PAVING with trap-block pavement Eighty-eighth street, from First avenue to Avenue A.

No. 6. PAVING with trap-block pavement One Hundred and Third street, from Second to Lexington avenue.

No. 7. PAVING with trap-block pavement One Hundred and Fourth street, from First to Second avenue, and laying crosswalks at the intersecting streets and avenues where required.

No. 8. PAVING with trap-block pavement One Hundred and Ninth street, from Third to Fourth avenue, and laying crosswalks at the intersecting streets and avenues where required.

No. 9. PAVING with trap-block pavement One Hundred and Eleventh street, from First to Second avenue.

No. 10. PAVING with trap-block pavement One Hundred and Twenty-first street, from Pleasant avenue to First avenue.

No. 11. PAVING with trap-block pavement One Hundred and Eighteenth street, from Third to Fourth avenue, and laying crosswalks at the intersecting streets and avenues where required.

No. 12. PAVING with granite-block pavement Sixty-ninth street, from Eighth avenue to the Boulevard, and laying crosswalks at the intersecting streets and avenues where required.

Each estimate must contain the name and place of residence of the person making the same, the names of all persons interested with him therein, and if no other person be so interested, it shall distinctly state that fact. That it is made without any connection with any other person making an estimate for the same work, and is in all respects fair and without collusion or fraud. 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 in the estimate or in the work to which it relates or in the profits thereof.

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

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

No estimate will be considered unless accompanied by either a certified check upon one of the national banks of the City of New York, drawn to the order of the Comptroller, or money, to the amount of five per centum of the amount of the security required for the faithful performance of the contract. Such check or money must not be inclosed in 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 bid or estimate, the proper envelopes in which to inclose the same, the specifications and agreements, and any further information desired can be obtained at the following offices: Sewers, No. 8, and Paving, Room 1, No. 31 Chambers street.

HUBERT O. THOMPSON,
Commissioner of Public Works.

DEPARTMENT OF PUBLIC WORKS,
COMMISSIONER'S OFFICE,
ROOM 6, NO. 31 CHAMBERS STREET,
NEW YORK, June 29, 1882.

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 Friday, July 14, 1882, 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. FOR FURNISHING MATERIALS and performing work in the erection of a market building on the site of the building now known as Jefferson Market.

No. 2. FOR CONSTRUCTING an iron bridge at Fourth avenue and Ninety-seventh street, under chapter 289, Laws of 1881.

Contractors are particularly requested to take notice of the changes which have been made in the specifications for Jefferson Market building, and also of the time therein prescribed for the completion of the work.

Each estimate must contain the name and place of residence of the person making the same, the names of all persons interested with him therein, and if no other person be so interested, it shall distinctly state that fact. That it is made without any connection with any other person making an estimate for the same work, and is in all respects fair and without collusion or fraud. 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 in the estimate or in the work to which it relates or in the profits thereof.

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

The consent last above mentioned must be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of the contract, over and above his liabilities of every nature, and over and above his liabilities as bail, surety, or otherwise,

and that he has offered himself as surety in good faith, with the intention to execute the bond required by law.

No estimate will be considered unless accompanied by either a certified check upon one of the national banks of the City of New York, drawn to the order of the Comptroller, or money, to the amount of five per centum of the amount of the security required for the faithful performance of the contract. Such check or money must not be inclosed in 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 bid or estimate, the proper envelopes in which to inclose the same, the specifications and agreements, and any further information desired, can be procured as to Jefferson Market, at the office of the Architect, Douglas Smyth, 48 Exchange place, and for Foot Bridge at Bureau of Chief Engineer, Room 10, No. 31 Chambers street.

HUBERT O. THOMPSON,
Commissioner of Public Works.

DEPARTMENT OF PUBLIC WORKS,
COMMISSIONER'S OFFICE,
ROOM 6, NO. 31 CHAMBERS STREET,
NEW YORK, June 29, 1882.

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 Friday, July 14, 1882, at 12 o'clock M., at which hour and place they will be publicly opened by the head of the Department, and read, for the following:

No. 1. REGULATING AND GRADING Eighty-second street, from the west curb of Avenue B to the east curb of Avenue A, and setting curb-stones and flagging sidewalks therein.

No. 2. REGULATING AND GRADING One Hundred and Forty-first street, from the west curb of Seventh avenue to the east curb of Eighth avenue, and setting curb-stones and flagging sidewalks therein.

No. 3. REGULATING AND GRADING Avenue B from the north curb of Eighty-sixth street to the south curb of Eighty-seventh street, and setting curb-stones and flagging sidewalks therein.

No. 4. SEWER in Ninety-second street, between First and Second avenues, from end of present sewer in First avenue.

No. 5. SEWER in Ninety-second street, between Avenue A and First avenue.

No. 6. REPAIRS TO SEWER in Ninety-fifth street, between Second and Third avenues.

No. 7. SEWER in One Hundred and Sixteenth street, between Eighth avenue and New avenue, between Eighth and Ninth avenues.

No. 8. PAVING, with granite-block pavement, Lexington avenue, from One Hundred and Fourth street to One Hundred and Thirty-first street, and laying crosswalks at the intersecting streets and avenues where required.

No. 9. PAVING, with granite-block pavement, Fourth avenue, on the west side, from One Hundred and Twenty-fourth to One Hundred and Thirty-third streets, and on the east side from One Hundred and Twenty-fourth to One Hundred and Thirty-second street, and laying crosswalks at the intersecting streets and avenues where required.

No. 10. PAVING, with trap and granite block pavement, Seventieth street, from Eleventh avenue to the Boulevard, and laying crosswalks at the intersecting streets and avenues where required.

No. 11. PAVING, with trap and granite block pavement, Eighty-second street, from Eighth avenue to the Boulevard, and laying crosswalks at the intersecting streets and avenues where required.

No. 12. PAVING, with granite-block pavement, Eighty-fourth street, from Eighth to Tenth avenue, and laying crosswalks at the intersecting streets and avenues where required.

Each estimate must contain the name and place of residence of the person making the same, the names of all persons interested with him therein, and if no other person be so interested, it shall distinctly state that fact. That it is made without any connection with any other person making an estimate for the same work, and is in all respects fair and without collusion or fraud. 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 in the estimate or in the work to which it relates or in the profits thereof.

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

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

No estimate will be considered unless accompanied by either a certified check upon one of the National Banks of the City of New York, drawn to the order of the Comptroller, or money, to the amount of five per centum of the amount of the security required for the faithful performance of the contract. Such check or money must not be inclosed in the sealed envelope containing the estimates, 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 bid or estimate, the proper envelopes in which to inclose the same, the specifications and agreements, and any further information desired can be obtained at the following offices: Regulating and Grading, Room 5; Sewers, No. 8, and Paving, Room 1, 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.

REGULATIONS ESTABLISHING A SCALE OF WATER RENTS FOR THE CITY OF NEW YORK. BY ORDER OF HUBERT O. THOMPSON, COMMISSIONER OF PUBLIC WORKS.

"The said Commissioner of Public Works shall, from time to time, establish scales of rents for the supplying of Croton water, which rents shall be collected in the manner now provided by law."—Chap. 574, Sec. 5, Session Laws of 1871.

The regular annual rents to be collected by the Department of Public Works shall be as follows, to wit:

Croton Water Rates for Buildings from 16 to 50 feet, all others not specified subject to Special Rates, as established by Ordinance of the Common Council, March, 1851.

FRONT WIDTH.	1 Story.	2 Stories.	3 Stories.	4 Stories.	5 Stories.
16 feet and under	\$4 00	\$5 00	\$6 00	\$7 00	\$8 00
16 to 18 feet.....	5 00	6 00	7 00	8 00	9 00
18 to 20 feet.....	6 00	7 00	8 00	9 00	10 00
20 to 22½ feet...	7 00	8 00	9 00	10 00	11 00
22½ to 25 feet...	8 00	9 00	10 00	11 00	12 00
25 to 30 feet.....	10 00	11 00	12 00	13 00	14 00
30 to 37½ feet...	12 00	13 00	14 00	15 00	16 00
37½ to 50 feet...	14 00	15 00	16 00	17 00	18 00

The apportionment of the regular rents upon dwelling houses are on the basis that but one family is to occupy the same, and for each additional family the sum of one dollar per year shall be charged.

Each flat or suit of rooms for one family shall be charged ten dollars per year where they have hot and cold water, stationary wash-tubs, bath, and water-closet, with the privilege of using meter.

METERS will be placed on all houses where waste of water is found, and they will be charged at rates fixed by the Department for all the water passing through them.

The rent of all tenements which shall exceed in width fifty feet shall be the subject of special contract with the Commissioner of Public Works.

The extra and miscellaneous rates shall be follows, to wit:

BAKERIES—For the average daily use of flour, for each barrel, the sum of three dollars per annum.

BATHING TUBS in private houses, beyond one, at three dollars per annum each, and five dollars per annum each in public houses, boarding houses, bathing establishments, and barber shops.

BOARDING SCHOOLS shall be charged at the rate of from fifteen to fifty dollars each; and school houses at the rate of from ten to twenty dollars each per annum.

BUILDING PURPOSES—For each one thousand bricks laid, or for stone-work—to be measured as brick—ten cents per thousand. For plastering, forty cents per hundred yards.

COW STABLES—For each and every cow, the sum of seventy-five cents per annum.

FOUNTAINS or jets are prohibited.

For all stables not metered, the rates shall be as follows:

HORSES, PRIVATE—For two horses there shall be charged the sum of six dollars per annum; and for each additional horse, the sum of two dollars.

HORSES, LIVERY—For each horse up to and not exceeding thirty in number, the sum of one dollar and fifty cents each per annum; and for each additional horse, the sum of one dollar.

HORSES, OMNIBUS AND CART—For each horse, the sum of one dollar per annum.

HORSE TROUGHS—For each trough on sidewalks the sum of twenty dollars per annum; each trough is to be fitted with a proper ball-cock to prevent waste, this must be kept in order.

HOTELS AND BOARDING HOUSES shall, in addition to the regular rate for private families, be charged for each lodging room at the discretion of the Commissioner of Public Works.

PORTER HOUSES, TAVERNS AND GROCERIES shall be charged an extra rate of either ten to twenty-five dollars, in the discretion of the Commissioner of Public Works. **LAGER BEER SALOONS**, with no water fixtures in the saloon, five dollars per annum.

PRINTING OFFICES AND REFECTORIES shall be charged at such rates as may be determined by the Commissioner of Public Works.

SLAUGHTER HOUSES shall be charged at the rate of five cents for every bullock slaughtered.

STEAM ENGINES shall be charged by the horse-power, as follows: for each horse-power up to and not exceeding ten, the sum of ten dollars per annum; for each exceeding ten, and not over fifteen, the sum of seven dollars and fifty cents each; and for each horse-power over fifteen, the sum of five dollars.

The use of hose for washing sidewalks, stoops, areas, house-fronts, and about stables, is prohibited, because it is absolutely necessary to save water for more necessary purposes. Where premises are provided with wells, special permits will be issued for the use of hose, in order that the Police or Inspectors may understand that the permission is not for the use of Croton water.

WATER-CLOSETS AND URINALS—To each building on a lot one water-closet having sewer connection is allowed without charge, each additional water-closet or urinal will be charged as hereinafter stated. All closets or urinals in which the Croton water from any service pipe or hydrant connecting with a privy vault or man-hole shall be charged two dollars for each seat per annum, whether in a building or on any other portion of the premises.

WATER-CLOSET RATES—For hoppers, of any form, when water is supplied direct from the Croton supply, through any form of the so-called single or double valves, hopper-cocks, stop-cocks, self-closing cocks, or any valve or cock of any description attached to the closet, each per year twenty dollars.

For any pan-closet, or any of the forms of valve, plunger, or other water-closet not before mentioned, supplied with water as above described, per year, ten dollars.

For any form of hopper or water-closet, supplied from the ordinary style of cistern filled with ball-cock and overflow pipe that communicates with the pipe to the water-closet, so that overflow will run into the hopper or water-closet, when ball-cock is defective, or from which an unlimited amount of water can be drawn by holding up the handle, per year, each, five dollars.

For any form of hopper or water-closet, supplied from any of the forms of waste-preventing cisterns, that are approved by the Engineer of the Croton Aqueduct, which are so constructed that not more than three gallons of water can be drawn at each lift of the handle or depression of the seat, if such cisterns are provided with an overflow pipe, such overflow pipe must not connect with the water-closet, but be carried like a safe waste, as provided by the Board of Health Regulations, per year, two dollars.

Cistern answering this description can be seen at this Department.

METERS.

Under the provisions of section 73, chapter 335, Laws of 1873 (City Charter), water meters, of the pattern approved in accordance with said section 73 of the Charter, shall be hereafter placed on the pipes supplying all stores,

workshops, hotels, manufactories, public edifices, a wharves, ferry-houses, stables, and in all places where water is furnished for business consumption, except private dwellings.

It is provided by section 73, chapter 335, Laws of 1873, that "all expenses of meters, their connections and setting, water rates, and other lawful charges for the supply of Croton water, shall be a lien upon the premises where such water is supplied, as now provided by law."

All manufacturing and other business requiring a large supply of water will be fitted with a meter.

Water measured by meter, ten cents per one hundred cubic feet for all manufacturing or other purposes.

PER DAY, GALLONS.	PER 100 GALS. RATE.	PER ANNUM, AM'T
25	05	\$3 75
50	"	7 50
60	"	9 00
70	"	10 50
80	"	12 00
90	"	13 50
100	"	15 00
150	"	22 50
200	"	30 00
250	04½	33 75
300	04	36 00
350	03½	36 75
400	"	42 00
500	"	52 50
600	"	63 00
700	"	73 50
800	"	82 00
900	"	94 50
1,000	"	105 00
1,500	03	135 00
2,000	02½	150 00
2,500	"	180 00
3,000	"	225 00
4,000	02¼	280 00
4,500	"	303 75
5,000	"	333 50
6,000	02	360 00
7,000	"	420 00
8,000	"	480 00
9,000	"	540 00
10,000	"	600 00

The rate charged for steam-vessels taking water daily or belonging to daily lines, is one-half per cent. per ton (Custom-house measurement) for each time they take water.

Steamers taking water other than daily, one per cent. per ton (Custom-house measurement).

Water supplied to sailing vessels and put on board, twenty-five cents per hundred gallons.

All matters not hereinbefore embraced are reserved for special contract by and with the Commissioner of Public Works.

By order,
HUBERT O. THOMPSON,
Commissioner of Public Works.

Rate Without Meters.
DEPARTMENT OF PUBLIC WORKS,
COMMISSIONER'S OFFICE, No. 31 CHAMBERS ST.,
NEW YORK, May 10, 1882.

JOH. H. CHAMBERS, *Water Register.*
SIR—From your letter of this date, in reference to certain rates included in the scale of water rents established by me on the 1st instant, it appears that there is a misapprehension in regard to their application. In order that the matter may be clearly understood, I have to inform and instruct you that the new rates in reference to water-closets are not intended to and do not apply to existing houses and fixtures, but will be applied to all new houses hereafter erected or completed, and to all existing houses where the water-closets and fixtures therein referred may hereafter be put in. These water-closet rates are to go into general effect May 1, 1883.

Respectfully,
HUBERT O. THOMPSON,
Commissioner of Public Works.

DEPARTMENT OF PUBLIC WORKS,
BUREAU OF WATER REGISTER,
31 CHAMBERS STREET, ROOM 2,
NEW YORK, April 26, 1882.

NOTICE TO TAX PAYERS.

CROTON WATER RENTS.

THE REGULAR ANNUAL RENTS FOR CROTON water for the year 1882, will become due and payable at this office on and after May 1.

HUBERT O. THOMPSON,
Commissioner of Public Works.

BOARD OF EDUCATION.

SEALED PROPOSALS WILL BE RECEIVED BY the Board of School Trustees of the several Wards, as herein after named, at the hall of the Board of Education, corner of Grand and Elm streets, for repairs, etc., to be made on the various school buildings, as follows:

By the Trustees of the Eighteenth Ward until 9:30 o'clock A. M., on Friday, July 14, for improving the drainage, etc., at Grammar School No. 40.

JOHN F. TROW, Chairman.

EDWARD S. MEAD, Secretary.

Board of School Trustees, Eighteenth Ward.

By the School Trustees of the Twenty-third Ward, until 10 o'clock A. M. on said day, for alterations, etc., at Primary School No. 43.

WILLIAM HOGG, Chairman.

A. FAHS, Secretary.

Board of School Trustees, Twenty-third Ward.

Plans and specifications may be seen, and blanks for proposals, and all necessary information may be obtained at the office of the Superintendent of School Buildings, No. 146 Grand, corner of Elm street.

The Trustees reserve the right to reject any or all of the proposals submitted.

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

Two responsible and approved sureties, residents of this city, are required in all cases.

No proposal will be considered from persons whose character and antecedent dealings with the Board of Education render their responsibility doubtful.

Dated New York, June 30, 1882.

SEALED PROPOSALS WILL BE RECEIVED BY the School Trustees of the Eighth Ward, at the Hall of the Board of Education, corner of Grand and Elm streets, until Monday, the 10th day of July, 1882, and until 4 o'clock P. M. on said day, for an Iron Stairway for Primary School No. 25, on Greenwich street, near Charlton street.

Plans and specifications may be seen, and blanks for proposals, and all necessary information may be obtained at the office of the Superintendent of School Buildings, No. 146 Grand, corner of Elm street.

The Trustees reserve the right to reject any or all of the proposals submitted.

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

Two responsible and approved sureties, residents of this city, are required in all cases.

No proposal will be considered from persons whose character and antecedent dealings with the Board of Education render their responsibility doubtful.

CHARLES W. BAUM,
GEORGE F. VETTER,
O. ROCKEFELLER,
CHAS. H. HOUSLEY,
URIAH WELCH.

Board of School Trustees, Eighth Ward.

Dated New York, June 26, 1882.

SEALED PROPOSALS WILL BE RECEIVED BY

the School Trustees of the Tenth Ward, at the hall of the Board of Education, corner of Grand and Elm streets, until Monday, the 10th day of July, 1882, and until 11 o'clock A. M., on said day, for erecting two stairways to Grammar School House No. 20, on Chrystie street, near Delancey street.

Plans and specifications may be seen, and blanks for proposals and all necessary information may be obtained at the office of the Superintendent of School Buildings, No. 146 Grand, corner of Elm street.

The Trustees reserve the right to reject any or all of the proposals submitted.

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

Two responsible and approved sureties, residents of this city, are required in all cases.

No proposal will be considered from persons whose character and antecedent dealings with the Board of Education render their responsibility doubtful.

HENRY R. ROOME,
PATRICK CARROLL,
JOHN C. CLEGG,
GEORGE W. ROSS,
PETER DENNERLEIN.

Board of School Trustees, Tenth Ward.

Dated New York, June 26, 1882.

JURORS.

NOTICE

IN RELATION TO JURORS FOR STATE COURTS.

OFFICE OF THE COMMISSIONER OF JURORS,
NEW COUNTY COURT-HOUSE,
NEW YORK, Sept. 15, 1881.

APPLICATIONS FOR EXEMPTIONS WILL BE

heard here, from 10 to 3 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 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.

GEORGE CAULFIELD,
Commissioner of Jurors,
Room 17, New County Court-house.

POLICE DEPARTMENT.

POLICE DEPARTMENT OF THE CITY OF NEW YORK,
300 MULBERRY STREET,
NEW YORK, June 28, 1882.

PUBLIC NOTICE IS HEREBY GIVEN THAT A

horse, the property of this department, will be sold at public auction on Tuesday, July 11, 1882, at 10:30 o'clock, A. M., at the stables of Van Tassel & Kearney, No. 110 East Thirteenth street.

By order of the Board,

S. C. HAWLEY, Chief Clerk.

POLICE DEPARTMENT OF THE CITY OF NEW YORK,
OFFICE OF THE PROPERTY CLERK (Room No. 39),
No. 300 MULBERRY STREET,
NEW YORK, June 14, 1882.

OWNERS WANTED BY THE PROPERTY CLERK

of the Police Department of the City of New York, No. 300 Mulberry street, Room No. 39, for the following property now in his custody without claimants: Boats, rope, lead, iron, furniture, boots, shoes, male and female clothing, watches, diamond ear-rings, locket, revolvers, silverware, jute, pearl fan, trunks and contents, bags and contents; also several lots of cash found and taken from prisoners by patrolmen of this Department.

C. A. ST. JOHN,
Property Clerk.

FINANCE DEPARTMENT.

ORDER OF THE COMPTROLLER ABOLISHING

THE "BUREAU OF LICENSES," IN THE

FINANCE DEPARTMENT.

CITY OF NEW YORK,
FINANCE DEPARTMENT,
COMPTROLLER'S OFFICE,
April 24, 1882.

PURSUANT TO THE PROVISION OF SECTION

3 of chapter 521 of the Laws of 1880, which authorizes a head of a Department to abolish and consolidate offices and bureaus in the same Department, I hereby abolish the Bureau provided for by section 33 of chapter 335 of the Laws of 1873, entitled as follows, to wit:

"A Bureau of Licenses; the Chief Officer of which shall be called 'Register of Licenses.'"

Said Bureau has never had any practical existence in the Finance Department, and is declared to be null and void.

(Signed) ALLAN CAMPBELL,
Comptroller.

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 1887, prepared under the direction of the Commissioners of Records.

Grants, grantees, suits in equity, insolvents' and

Sheriffs' sales, in 61 volumes, full bound, price. \$100 00

The same, in 25 volumes, half bound..... 50 00

Complete sets, folded, ready for binding..... 15 00

Records of Judgments, 25 volumes, bound..... 10 00

Orders should be addressed to "Mr. Stephen Angell, Comptroller's Office, New County Court-house."

ALLAN CAMPBELL,
Comptroller.

FIRE DEPARTMENT.

HEADQUARTERS
FIRE DEPARTMENT, CITY OF NEW YORK,
155 AND 157 MERCER STREET,
NEW YORK, June 21, 1882.

TO CONTRACTORS.

SEALED PROPOSALS FOR FURNISHING AND constructing duplex steam pumps for a Floating Engine, will be received by the Board of Commissioners at the head of the Fire Department, at the office of said Department, Nos. 155 and 157 Mercer street, in the City of New York, until 10 o'clock A. M., Wednesday, July 12, at which time and place they will be publicly opened by the head of said Department and read.

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

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

The pumps are to be completed and delivered in one hundred and twenty (120) days after the date of the contract.

For information as to the amount and kind of work to be done, bidders are referred to the specifications and drawings, which form part of these proposals.

The damages to be paid by the contractor for each day that the contract may be unfulfilled after the time specified for the completion thereof shall have expired, are, by a clause in the contract, fixed and liquidated at twenty-five (\$25) dollars per day.

The Fire Department reserves the right to decline any and all bids or estimates if deemed to be for the public interest. No bid or estimate will be accepted from, or contract awarded to, any person who is in arrears to the Corporation upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

Each bid or estimate shall contain and state the name and place of residence of each of the persons making the same; the names of all persons interested with him or them therein; and if no other person be so interested, it shall distinctly state that fact; that it is made without any connection with any other person making an estimate for the same purpose, and is in all respects fair and without collusion or fraud; and that no member of the 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 of 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 in the sum of five thousand (\$5,000) dollars; and that if he shall omit or refuse to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled on its completion and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting; the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of this contract, over and above all his debts of every nature, and over and above his liabilities, as bail, surety, or otherwise; and that he has offered himself as a surety in good faith and with the intention to execute the bond required by law. The adequacy and sufficiency of the security offered is to be approved by the Comptroller of the City of New York before the award is made and prior to the signing of the contract.

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

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 two hundred and fifty (\$250) dollars, being five per centum of the amount of the security required for the faithful performance of the contract. Such check or money must not be inclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the Estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and retained by the City of New York as liquidated damages for such neglect or refusal; but, if he shall execute the contract within the time 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 his or