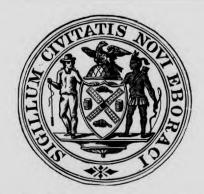
# THE CITY RECORD.

### OFFICIAL JOURNAL.

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NEW YORK, WEDNESDAY, AUGUST 28, 1889.

Number 4,953



### DEPARTMENT OF PUBLIC WORKS.

Report for the Quarter ending June 30, 1889.

DEPARTMENT OF PUBLIC WORKS—COMMISSIONER'S OFFICE, No. 31 CHAMBERS STREET, New York, July 26, 1889.

Hon. HUGH J. GRANT, Mayor:

Appropria

SIR—In accordance with section 49 of the New York City Consolidation Act of 1882, I have the honor to submit the following report of the transactions of the Department of Public Works for the quarter ending June 30, 1889:

### SUMMARY OF EXPENDITURES. (Being amount of requisitions drawn on the Comptroller.)

On account of appropriations raised by taxation (Consolidation Act of 1882, section	
189)	\$746,360 6
On account of Local Improvement Fund, for Street Improvements (Consolidation	
Act, sections 144 and 150)	335,164 6
On account of Funded Debt, for improvement and extension of water supply (Consolidation Act, section 141, and Constitution of the State of New York,	
amended in 1884, sections 2 and 8	90,659 2
On account of Special Fund, for restoring pavements over street openings (Revised	
Ordinances of 1880, section 354 to 357)	6,276 2
On account of Revenue Bonds for furnishing and setting water-meters (Consolida-	
tion Act, sections 161 and 352	2 610 0

EXPENDITURES FOR SIX MONTHS ENDING JUNE 30, 1889.	
tion Account	\$1,276,738 00
provement Fund	573,630 13

Total ...... \$1,182,070 82

and the protein a wife the transfer of the tra	3/3,030 13
Funded Debt, water supply	120,333 03
Special Fund, restoring pavements	14,828 64
Revenue Bonds, water-meters	7,443 66

### 

### Contracts Entered Into during the Quarter

	Communication Emerica Into auring the Quarter.	
II	sewer contracts, estimated cost	\$43,458 42
4	regulating and grading contracts, estimated cost	23,520 95
3	paving contracts, estimated cost	177,772 41
4	contracts for taking-up and relaying pavements, estimated cost	23,087 31
3	contracts for laying water-mains, estimated cost	80,541 90
7	gas contracts, estimated cost	468,150 00
14	miscellaneous contracts, estimated cost	132,522 00
14	contracts, under \$1,000 each, estimated cost	5,057 53
	_	
65	contracts, total estimated cost	\$954,110 52
=	=	
	Contracts Completed during the Quarter.	
	sewer contracts	\$55,750 37
7-	regulating and grading contracts	22 160 02

	completes among the Quarter.	
13 sew	er contracts	\$55,750 37
7- regu	ulating and grading contracts	22,169 93
16 pav.	ing contracts	119,719 25
I con	tract for laying water-mains	15,298 95
4 mise	cellaneous contracts	34,361 24
18 cont	tracts, under \$1,000 each	5,465 77
50 cont	tracts, total cost	\$252.765 51

BUREAU OF CHIEF ENGINEER OF THE CROTON AQUEDUCT.

The natural flow of the Croton river has been sufficient during the quarter to supply the Aqueduct to its full capacity without drawing upon the storage reservoirs and natural lakes in the Croton basin.

The rainfall at the several stations where rain-gauges are kept by the Department was as follows:

### Rain-fall-Inches.

Locations.	APRIL.	MAY.	June.	TOTAL FOR QUARTER.
Boyd's Corners Reservoir	4.43	3.22	4.51	12.16
South East Reservoir	4.23	3.17	3.52	10.92
Kensico Reservoir	6.01	2.50	3.03	11.54
Central Park Reservoir	6.17	2.80	2.08	11.05
Croton Dam Reservoir	5.48	2.21	3.18	10.87

In August, 1888, the then Commissioner of Public Works directed the Chief Engineer of the Croton Aqueduct to make the necessary surveys and to prepare plans and specifications for the construction of a storage reservoir on the Muscoot branch of the Croton river. On an application of my predecessor, dated March 5, 1889, the Counsel to the Corporation instituted legal proceedings for the acquisition of the necessary lands for the reservoir, and the Supreme Court appointed Commissioners of Appraisal, who have since held several meetings. The surveys, plans and specifications for the work were completed when I entered upon the duties of this office and the work has since been advertised and awarded to the lowest bidder. 11 bids were received, ranging from the lowest, \$540,610, to the highest, \$1,062,360. The owners of the property on which the reservoir dam is to be built have given consent to enter upon the lands for the construction of the dam in advance of the report of the Commissioners of Appraisal and the confirmation of the same by the Supreme Court.

An average supply of 16,000,000 gallons of water per day has been received through the Bronx river conduit, for which 360,000,000 gallons of water were drawn from the Kensico Reservoir. The Rye Ponds Reservoir is full.

In addition to the ordinary work involved in the care and maintenance of the Croton Aqueduct, dam, storage reservoirs, lakes, streams, distributing reservoirs, operation of High Service Works, etc., the aqueduct structure has been strengthened by building additional retaining walls on the Third, Fifth and Sixth Divisions. The strain of carrying 96,000,000 gallons of water per day for the city's water supply through the Aqueduct, which was designed and constructed for a capacity of 75,000,000 gallons per day, requires extra care and attention to stop and prevent serious leaks and breaks.

The interior of the Aqueduct has not been thoroughly examined and repaired since 1884, because the needs of the City for its daily supply do not admit of shutting off the water for a sufficient length of time to make such examination and repairs. Consequently the leaks which occur have to be repaired from the exterior and this cannot always be done effectively.

Until the new aqueduct is completed and tested, the old aqueduct cannot be relieved of the extra strain to which it is now subjected, and the City must rely for its water supply on extra care and vigilance in protecting this structure.

The many complaints made to the Department of decreased and insufficient supply and pressure of water in the distributing mains call for a summary statement of the present condition of the City's water supply, and it is to be hoped that it will serve as an answer to the multitude of individual and local complaints and relieve the Department in some measure of the burden of making a separate answer to each complaint.

For upwards of fifteen years the Croton Aqueduct has been operated to its fullest capacity—from 25 to 30 per cent. above the capacity for which it was designed and constructed—for delivering water into the City reservoirs.

Since September, 1884, the City has received an additional supply of water from the Bronx river, originally calculated at an average of 10,000,000 gallons per day, but, by taking advantage of ample storage and conduit capacity, used for several years past to the extent of 16,000,000 gallons per day.

During the years that the water supply received in the city remained stationary, at the maximum capacity of the Aqueduct and the Bronx river system, the demand for water has been gradually increased by the growth of the city in population, buildings, commerce and manufactures. The extent of this growth in absence of census statistics since the census of 1850, may best be measured, so far as increase in demand for water supply is concerned, by the extension of the system of distributing mains.

On January 1, 1876, the distributing system comprised 425½ miles of water-mains. By January 1, 1885, when the Bronx river supply had been brought into full use, it was extended to 563 miles of mains, and by January 1, 1889, to 638½ miles of mains.

This extension of the water service, while the supply in the city remained stationary, has produced the natural result of greatly decreased pressures in the mains, so that where some years ago water was delivered to the uppermost stories of houses, there are now tens of thousands of buildings where it cannot be delivered above the first floor, and thousands where at certain hours of the day it does not rise to the first floor.

In nearly every case of complaint on account of such reduced pressure the parties consider themselves personally aggrieved and unfairly treated, without inquiring into or considering the circumstances which make it impossible to give them better supply and pressure of water until an additional supply is received through the new aqueduct.

This condition of affairs will necessarily continue and be aggravated until the new aqueduct is brought into operation. In the meantime the people should patiently acquiesce in the situation, and for the good of the community at large, practice reasonable care and economy in the use of water.

Since the advent of warm weather the consumption of water has been 155,000,000 gallons in excess of the supply received in the city, reducing the depth of water in the Central Park reservoirs by 63 inches, and causing a corresponding decrease of the pressures in the distributing mains.

Of the various measures devised and adopted to detect and prevent waste of water, the use of water-meters is the most effective, and the principal reliance for the preservation of a fair distribution of water throughout the city. During the quarter 475 additional water-meters have been placed, making a total of 19,086 meters now in use.

The distributing system has been extended by the laying of 23,869 lineal feet, or 4.51 miles of additional water-mains.

The work of replacing the water-mains and service-pipes along the water-front, which have become worn out and unsafe by corrosion from contact with salt water, has been continued with one gang of mechanics and laborers.

### BUREAU OF WATER PURVEYOR.

### Street Pavements.

Work is in progress on 2 contracts for repaying Hudson street with granite-blocks on concrete foundation, from Beach to Spring street and from Spring to Fourteenth street, and these pavements will be completed in the course of two months.

On the repairs of pavements an average force of 179 pavers, 295 laborers, 95 carts and 4 teams has been employed and 130,167 square yards of pavements have been taken up and relaid by this force. In addition to this, work is now in progress on 3 contracts made during the quarter for taking up and relaying pavements from curb to curb in a number of streets.

The following summary shows the extent of the operations of private corporations and individuals in the public streets:

6,960 excavations made for laying and repairing gas-mains, steam-mains, electric subways, their house connections and other underground structures.

1,943 notices issued to repair pavements over excavations.

1,969 bad places in pavements repaired in compliance with notices.

10.21 miles of gas-mains laid.

2.28 miles of electric subways laid.

1,476 lineal feet of salt water-mains laid.

11,400 lineal feet of improved rails laid on street car tracks.

With the passage of the three acts passed by the last Legislature affecting street improvements in this city, the subject of repavements enters upon a new phase.

Chapter 348, Laws of 1889, appropriates \$3,000,000 for repavements, the expenditure not to exceed \$1,000,000 in any one year; the Board of Estimate and Apportionment to select and determine the streets to be repaved and the kind of pavement to be laid; the work to be done under the direction of this Department.

Chapter 449, Laws of 1889, authorizes the Common Council to direct by ordinance the paving, repaving or repairing of streets within the limits of grants of land under water, where the grantees and their successors are under obligation to build up, pave and maintain the streets, the cost to be assessed upon the lands within the grants, and the owners, by payment of such assessments, to be forever released from all obligations in respect to the street pavements. This may be considered a very proper solution of a state of affairs under which such important thoroughfares as West street, South street and abutting streets adjacent to the water-front have for years been without repairs or improvement of the pavements, which are all now in bad condition, the City having had no authority to expend any moneys on these streets, and the grantees or their successors failing to comply with their obligations.

Chapter 531, Laws of 1889, authorizes street railroad companies to change their present systems of motive power to cable, electricity or other agency, with the consent of the owners of a majority of the property along their lines, and with the approval of the State Railroad Commissioners. This affects the pavements to the extent to which the streets may be torn up in reconstructing rail-tracks for changes of motive power.

At the request of the Board of Estimate and Apportionment I have made two reports to that Board as to the streets which, in my opinion, should be first paved under the \$3,000,000 appropriation. In the first report, dated June 18, I expressed the view that the repavements should begin with the great avenues of trade and commerce and upon a plan which would open as speedily as possible easy and comfortable access to the piers, freight depots and ferries along the water-front, over good pavements, from the central and upper part of the city. In accordance with these plans I presented a list of seven streets for first repavement, at the same time mentioning the difficulties in the way of securing the best quality of pavements on account of the presence of railroad tracks, steammains, electric subways and other constructions which would in time necessitate the turning up of the pavements. On consideration of the subject the Board requested me to present another list of streets, where there would be no interference on account of railroad or other constructions, and such list I reported under date of 16th instant. It includes a number of residential streets in the central part of the city, between Fourth and Sixth avenues, for which I recommended asphalt pavement upon the ascertained merits of this pavement from its long and extensive use in the City of Washington.

In this report I also set forth the great objections to the prevailing style of centre-bearing rails on our surface roads, and the necessity of having them replaced by a rail presenting an even surface with the pavements, and without the projections and depressions which are obstructive and dangerous to wagon traffic and destructive to the pavements. It is to be hoped that the railroad corporations may soon be induced or compelled to substitute such approved rails for the objectionable centre-bearing rails.

### Repairs and Renewals of Pipes, Stop-cocks, etc.

In this work, which is also under the direction of the Bureau of Water Purveyor, an average of 29 mechanics, 88 laborers, and 14 carts have been employed, and in connection with it 140 old fire-hydrants have been replaced by new ones and 2 additional hydrants placed.

### OFFICE OF ENGINEER IN CHARGE OF SEWERS,

During the quarter 13 contracts for the construction of new sewers and receiving-basins were completed, and at the close of the quarter work was in progress on 26 contracts. Under the several contracts 5,168 lineal feet of sewers and 2 receiving-basins were built, increasing the extent of the sewerage system to 431180 miles of sewers, with 5,179 receiving-basins.

The following are the principal items of work done in cleaning and repairing sewers and basins:

- 146 lineal feet of sewers rebuilt.
- 176 lineal feet of sewers repaired.
- 175 lineal feet of new sewers built.
- 48 lineal feet of new culverts built.
- 140 lineal feet of spur-pipe laid.
- 252 lineal feet of tile-bottoms built.
- 7 receiving-basins repaired. 3 new manholes built.
- 37 new granite basin-heads furnished and set.
- 55 new basin-covers placed.
- 24 new manhole-heads and 50 new covers placed.
- 34,107 lineal feet of sewers cleaned.
  - 875 receiving-basins cleaned.
- 2,121 cart-loads of sewer deposit removed.

The Department is making all practicable efforts to improve and extend the outlet sewers along the river front, but this work can only be proceeded with in accordance with the progress made with the improvements under the direction of the Department of Docks. Plans have been prepared and work will soon be commenced on two outlets which have recently been the subject of special complaint on the part of the Health Department, viz.: Fifty-sixth street and Hudson river, which now discharges through an open drain, will be extended to the new bulkhead; and Twenty-eighth street and East river, adjoining Bellevue Hospital, where the sewer outlet will be extended to the end of the pier.

The last two sections of the marginal or intercepting sewers along West street, from Eleventh street to the Battery, are now under contract. The section from Battery place to Rector street is approaching completion, and on the section between Harrison and Canal streets, work will soon be commenced.

### BUREAU OF STREET IMPROVEMENTS.

At the beginning of the quarter work was in progress on 32 contracts for regulating, grading, curbing and flagging streets, and during the quarter 12 new contracts were made and 15 contracts completed, leaving 29 contracts now in progress.

The most important regulating and grading works now in progress are:

Kingsbridge road, from One Hundred and Ninetieth street to Harlem river, which will take about one year to complete.

Edgecombe avenue, from One Hundred and Forty-fifth street to St. Nicholas place, which will be completed in about six months.

First new avenue west of Eighth avenue, from One Hundred and Forty-fifth to One Hundred and Fifty-fifth street, to be completed in two months.

Fifth avenue, from One Hundred and Thirty-eighth street to Harlem river, begun January last and to be finished in about four months.

Ninety-second and One Hundred and Sixth streets, from the Boulevard to Riverside Drive, are works of heavy rock and earth excavation, and may be completed this year.

The following are the aggregate quantities of work done during the quarter on all the contracts:

6,660 cubic yards of earth excavated.

18,617 cubic yards of rock excavated.
76,800 cubic yards of filling placed in embankments.

5,812 lineal feet of curb-stones set.

2,326 lineal feet of curb-stones reset.

68,224 square feet of flagging laid.

6,729 square feet of flagging relaid.

3,200 cubic yards of retaining-wall built.
250 lineal feet of drain-pipe laid.

#### BUREAU OF STREETS AND ROADS.

This Bureau has charge of the macadam roadways, and the country roads and unpaved streets in the upper part of the city.

There are 23.78 miles of macadam roadways under the charge of the Bureau, covering an area of 867,762 square yards. Most of them were built about twenty years ago for suburban drives, but that section of the city is no longer suburban, and most of these roadways, which were intended only for light wagon traffic and pleasure driving, are now subjected to as heavy traffic and trucking as most of the stone-block pavements in the lower part of the city. Under such traffic macadam roadways cannot be kept in proper condition, even at heavy expense, and with the limited means now and heretofore appropriated for their maintenance it is impossible to prevent their deterioration. This is especially true of the Boulevard west of the Central Park, which is now principally a thoroughfare for the transportation of the immense quantities of building materials used on the extensive public and private improvements in that section of the city. Strong appeals are made by some of the property-owners to have the Boulevard, from Seventy-second to One Hundred and Tenth street paved with asphalt at once, but while such pavement will ultimately be the proper one, it should not be laid until the character of the traffic over the roadway is radically changed by the practical completion of the public and private improvements, and the opening of the other streets and avenues for heavy trucking, as such traffic would speedily destroy an asphalt pavement. Nearly the same condition of affairs applies to the roadways built in 1872 to 1875 under the Eastern Boulevard Act, and to other streets which were since macadamized under ordinances of the Common Council. In the present condition of the roads the public, and especially the residents along the roads, suffer alternately from excessive dust and from excessive mud. With the exception of a few drives connecting the Central Park roads with the Riverside Park and with the upper end of the island, all the macadam roads now on Manhattan Island should be gradually replaced with stone blocks or with asphalt, according to the character of the private improvements and buildings of the neighborhood. Additional macadam roadways should only be built in locations which, from their surroundings and the formation of the ground, will always retain a suburban character, such as the high ridge between the Hudson and Harlem rivers, north of One Hundred and Fifty-fifth street, and the declivities along the rivers.

During the quarter the more important drives have been resurfaced with gravel and put in good condition and the work will be continued and extended as far as the appropriation will permit.

Repairs of dangerous places have been made on 32 unpaved streets. There are now 41 miles of unpaved streets and 2½ miles of country roadways under the charge of this Bureau.

### BUREAU OF LAMPS AND GAS.

The following changes in the public lamps were made during the quarter:

135 additional ga -lamps placed and lighted.

368 old gas-lamps relighted.

16 electric-lamps relighted.

213 gas-lamps discontinued.

157 electric-lights discontinued on account of cutting the wires.

At the close of the quarter there were 23,521 gas-lamps, 1,189 electric-lights, and 120 naphthalamps in use on the streets, parks, docks and bridges of the city.

Contracts for lighting public lamps for the year beginning May 1, 1889, have been executed as llows:

Equitable Gas-light Co	\$12	00	per annum	for each lamp.
Consolidated Gas-light Co	17	50	44	**
New York Mutual Gas-light Co	17	50	**	**
Central Gas-light Co	27	00	46	**
Northern Gas-light Co		00	**	44
Yonkers Gas-light Co	28	00	46	**
New York and New Jersey Globe Gas-light Co	23	00	44	**

These prices are the same as last year, except the reduction of \$1 per lamp by the Central, Northern and Yonkers Gas-light Companies, and \$2 by the New York and New Jersey Globe Gas-light Company.

Bids for electric-lighting were received on March 27, rejected by the Gas Commission, and new bids asked for and received on the 2d inst.

### BUREAU OF REPAIRS AND SUPPLIES.

In the report of the Superintendent of Repairs and Supplies, Document K, hereto annexed, will be found a detailed statement of ordinary repairs and alterations made in the various public buildings and offices under the charge of this Department, including the buildings in the City Hall Park, the offices in No. 31 Chambers street, Stewart building and Staats Zeitung building, the Civil and Police Courts, the Armories of the National Guard and the Public Markets.

Of the larger alterations and improvements made or now in progress, I mention the following: Contract and specifications have been made for two new passenger elevators in the New Courthouse, which work will be completed at an early day.

Work is in progress under contracts for rebuilding the marble steps in front of the City Hall, retiling the portico and rebuilding the flank walls and steps of the plaza. A contract for repaying the plaza is about to be let.

The work of alterations and additions to the building occupied by the Fifth District Civil Court, in Clinton street, has been put under contract and will be begun as soon as temporary quarters are provided for the Court.

The buildings occupying the block bounded by Centre, Elm, Franklin and White streets, have been sold at public auction to make room for a new criminal court building, and the work of removing the buildings and clearing the grounds is nearly finished.

The plumbing, drainage and ventilation of the building, No. 49 Beekman street, have been nearly reconstructed according to plans and specifications approved by the Health Department.

### Public Baths.

The thirteen baths which were in use last quarter have been thoroughly repaired, painted and refitted for the bathing season of 1889. The report of the Superintendent of Repairs and Supplies gives the locations of twelve of the baths for the season, the dates when they were put in position, and the attendance at each bath to the close of the quarter. The total attendance at the twelve baths was 185,400 males and 79,000 females. The thirteenth bath has been placed in position at the foot of East Seventy-eighth street, since the close of the quarter, the Department of Docks having been unable to furnish a suitable berth earlier in the season.

By Laws of 1888, authority was given for the construction of two additional baths. So much time was consumed in the preparation of plans, contract and specifications for these two baths, that they were not put under contract until April 1, 1889, to be completed in ninety days. The contractor has delayed the work so much that he has been notified that unless he makes more satisfactory progress the contract will be declared abandoned and forfeited and the work readvertised and relet.

#### BUREAU OF INCUMBRANCES.

The operations of this Bureau for the quarter are summarized as follows:

- 1,341 complaints of obstructions received and attended to.
- 1,783 seizures and removals of obstructions made.
- 3,415 permits issued to place building materials on streets.
- 3 permits issued to cut down shade-trees.
- 368 miscellaneous permits issued.
- 256 notices issued to repair defective sidewalks.
- 2 notices issued to repair defective vault covers.
- 79 cart-loads of stone and refuse material removed from the streets.
- 148 dead and dangerous shade-trees removed.
- 941 telegraph-poles and 4,241,861 lineal feet of electric wire removed.

The obstructions which cause the greatest number of complaints, and are the most difficult to be dealt with, are vehicles left standing in the streets, perambulating venders' stands and carts, and building materials placed and littered on the streets in excess of the limits of permits. With its limited force of Inspectors this Department cannot effectively cope with this class of obstructions, which would require the constant patroling of over 500 miles of streets. The only agency through which this duty can be performed with some degree of proficiency is the Police force.

#### BUREAU OF WATER REGISTER.

The following is the amount of revenue from the water-service collected and paid into the City Treasury during the quarter:

For water rents	1,669 3	35
Total		_

#### MISCELLANEOUS REVENUE.

The Department has also collected from various sources and paid into the City Treasury the following amounts:

For sewer permits	\$8,368	92
For vault permits,	39,054	10
For redemption of street obstructions	688	00
For use of sprinkler and road-roller	176	00
For property sold at auction	2,487	65
For work done and material furnished citizens	479	29
For rent of farm at Lake Gilead	60	00
For restoration of pavements over street openings	10,179	50
For furnishing and setting water-meters	2,651	19
		_

The following documents, hereto appended, contain further detailed information as to the operations of the Department:

Total ...... \$64,144 65

- Document A-Statement of appropriations and expenditures.
- Document B-Detailed statement of expenditures.
- Document C-Detailed statement of contracts.
- Document D-Report of Chief Engineer of the Croton Aqueduct.
- Document E-Report of the Water Purveyor.
- Document F-Report of the Engineer in Charge of Sewers,
- Document G—Report of Superintendent of Street Improvements.
- Document H-Report of Superintendent of Streets.
- Document I-Report of Superintendent of Lamps and Gas.
- Document K-Report of Superintendent of Repairs and Supplies.
- Document L-Report of Superintendent of Incumbrances.
- Document M-Report of the Water Register.

Very respectfully,

THOS. F. GILROY, Commissioner of Public Works.

### Document "A."

Showing Titles of Appropriations; Appropriations with Transfers, of 1888; Requisitions on 1888, to April 1, 1889; Requisitions on 1888 in Second Quarter of 1889; Balances of 1889; Balances, July 1, 1889; the Titles and Expenditures on Trust and Special Accounts, and Receipts for the First Six Months of 1889.

Titles of Appropriations.	Appropriations, Including Transfers, of 1888.	REQUISITIONS FROM JANUARY 1, 1888, TO APRIL 1, 1889.	Requisitions on Liabilities of 1888, During Second Quarter of 1889.	BALANCES OF 1888, ON JULY 1, 1889.	Appropriations, with Transfers, for 1889.	REQUISITIONS, FIRST QUARTER OF 1889.	Requisitions, Second Quarter of 1889.	BALANCES JULY 1, 1889.
Aqueduct—Repairs, Maintenance and Strengthening	\$232,833 33	\$232,381 17	\$450 02	\$2 14	\$218,800 00	\$23,361 42	\$42,304 41	\$156,134 17
Aqueduct—Repairs, Maintenance and Strengthening—Salaries	27,166 00	26,071 03	3450 02	1,004 97	27,165 co	6,708 18	6,752 07	13,705 73
Boring Examinations for Grading and Sewer Contracts	4,000 CO	3,674 65		325 35	3,600 00	569 00	967 50	2,003 50
Boulevards, Roads and Avenues, Maintenance of	100,000 00	98,748 64	796 50	454 86	100,000 00	10,951 28	28,585 70	60,463 02
Boulevards, Roads and Avenues, Maintenance of-Salaries	3,000 00	2,958 23		41 77	2,500 00	624 93	624 99	1,250 02
Bronx River Works-Maintenance and Repairs	21,100 00	21,007 26		2 74	24,350 00	3,056 83	4,087 94	17,205 23
Bronx River Works-Maintenance and Repairs-Salaries	3,900 00	3,900 00		********	3,900 00	775 00	941 67	2,183 3
Construction of two New Baths, at Market and Fifty-ninth streets, East river	*********	********		********	25,000 00	*********	********	25,000 00
Contingencies-Department of Public Works	4,000 00	3,894 64	********	105 36	4,000 00	571 65	850 11	2,578 2
Flagging Sidewalks and Fencing Vacant Lots, etc	14,000 CO	8,981 97	**********	5,018 03	6,000 00	*********	77 00	5,923 00
For New Water-main and Testing for Water Supply, North Brother Island	20,471 50	15,597 73	********	4,873 77	********			
Free Floating Baths—Care and Maintenance	35,708 00	28,756 53	.,,,,,,,,	6,951 47	21,550 00	779 50	2,313 84	18,456 66
Free Floating Baths—Salaries	23,600 co	23,397 50		202 50	30,000 00	2,563 50	1,769 00	25,667 50
Lamps and Gas and Electric Lighting	669,185 40	590,622 56	78,562 84	*********	700,000 00	93,820 43	178,418 31	427.761 26
Lamps and Gas and Electric Lighting—Salaries	6,500 00	6,474 80		25 20	6,500 00	1,624 95	1,541 62	3,333 43
Laying Croton Pipes	216,000 00	171,680 20	24,273 38	20,046 42	18,000 00	2,5,6 59	11,218 10	10,106 04
Public Buildings—Construction and Repairs	18,491 67	15,179 58	*********	3,312 cg 482 88		3,879 98 8,894 =6	4,013 98	
Public Drinking-hydrants	95,500 00 3,800 00	95,017 12	********	310 36	6,000 00	56 25	17,597 30 524 50	77,385 14 5,419 25
Public Drinking-hydrants—Salaries	1,200 00	3,489 64	**********		1,200 00	300 00	200 0)	700 00
Removing Obstructions in Streets and Avenues	18,572 06	18,572 06	*********	*********	43,771 04	4,827 46	12,359 56	26,584 02
Removing Obstructions in Streets and Avenues-Salaries	7,500 00	7,037 92		462 03	8,400 00	1,924 98	1,657 78	4,817 24
Repairing and Renewal of Pipes, Stop cocks, etc	200,000 00	195,931 18	4,068 78	04	224,125 00	30,777 02	48,941 85	144,402 53
Repairs and Renewal of Pavements and Regrading	400,000 00	389,189 93	5,841 45	4,963 62	400,000 00	17,000 56	104,507 81	278, 82 63
Repairs and Renewal of Pavements and Regrading-Salaries	18,000 00	17,977 30	********	22 70	18,000 00	4,074 47	2,922 98	11,002 55
Repaying Streets and Avenues	461,000 00	243,361 17	20,273 67	197,365 16	332,000 00	********	********	332,000 00
Repaying Streets and Avenues-Salaries	18,000 00	13,281 97	*******	4,718 03	18,000 00	1,625 00	2,075 50	14,299 50
Roads, Streets and Avenues Unpaved, Maintenance of, and Sprinkling	25,000 00	24,826 77	*********	173 23	25,000 00	4,212 08	5 495 15	15,292 77
Salaries—Department of Public Works	100,000 00	101,138 28		4.861 72	105,700 00	24,921 46	24,370 08	56,4 8 46
Salaries of Engineer, Clerks, etc.—Bureau of Water Register, etc	50,000 00	48,936 50	********	1,063 50	55,000 00	13,159 57	12,433 92	29,406 51
Sewers—Repairing and Cleaning	161,000 00	150,665 57	8,805 83	1,528 60	175,000 00	24,393 82	37.955 02	112,651 16
Sewers-Repairing and Cleaning-Salaries	10,000 00	9,824 62	**********	175 38	10,000 00	2,469 98	2,469 98	5,060 04
Sewerage System—Salaries	17,000 00	16,885 66		119 34	17,000 00	2,999 70	4,943 18	9.057 12
Street Improvements-For Surveying, Monumenting, etc	3,000 00	1,217 00	********	1,783 00	2,000 00	171 50	353 50	1,475 00
Supplies for and Cleaning Public Offices	124,075 00	123,995 64	3 87	75 49	126,500 00	36,937 99	20,743 11	62,818 90
Supplies for and Cleaning Public Offices—Salaries	20,000 00	19,811 98		188 02	20,000 00	5,342 37	4,863 61	9,794 02
Surveys, Maps, etc., for Street Openings and New Streets—Salaries	6,300 00	6,233 47		66 53	12,000 00	2,400 32	4,021 21	5,578 47
Water Supply for the Twenty-fourth Ward	9,960 00	9,755 94		204 06	7,800 00	2,423 99 808 14	2,570 99	5,185 C2 5,549 66
Water Supply for the Twenty-fourth Ward—Salaries	7,800 00	6,481 24	**********	1,318 76	1,200 00	300 00	1,352 20 300 00	600 co
Wells and Pumps—Repairing and Cleaning	250 00	1,200 00		174 42	250 00	300 00	155 81	94 19
Rents—Fifth District Civil Court	250 00	75 57		174 43	1, 25 00	**********	155 01	1,125 00
Real Estate Expenses—Finance Department	233 00	233 00				*********	*********	
Totals	\$3,165,345 96	\$2,759,751 02	\$143,076 34	\$262,518 60	\$3,147,492 04	\$339,002 12	\$603,284 28	\$2,205,205 64

TITLES OF TRUST ACCOUNTS.	BALANCES FROM 1838.	RECEIPTS, FIRST QUARTER OF 1889.	RECEIPTS, SECOND QUARTER OF 1889.	BALANCES OF 1888 AND RECEIPTS OF 1889.	Requisitions, First Quarter of 1889.	REQUISITIONS, SECOND QUARTER OF 1889.	REQUISITIONS, SIX MONTHS TO JULY 1, 1889.	BALANCES, JULY 1, 1889.
Croton Water Fund. Fund for Local Improvements Restoring and Repaving—Special Fund—Department of Public Works Water-meter Fund No. 2	\$10.182 55	\$7,311 50 1,241 43	\$10,179 50 2,651 19	\$27,673 55 7,449 54	\$29,073 75 238,465 40 8,552 39 3,833 62	\$90,659 28 335,164 63 6,276 25 3,610 04	\$120,333 03 573,630 03 14,828 64 7,443 66	\$12,844 91 5 88

Statement of General Bookkeeper, Department of Public Works, Showing all Revenues of the City Received through the Department during the First and Second Quarters of 1889.

Source of Revenuf.	FIRST QUAR ER.	SECOND QUARTER.	TOTAL.	. Source of Revenue.	FIRST QUARTER,	SECOND QUARTER.	TOTAL.
Water rents Water penalties. Pipe tapping . Sewer permits	\$278,654 83 2,260 80 2,117 50 6,592 76 7,330 89	\$684,989 41 1,669 35 3,621 50 8,368 92	\$963,644 24 3,930 15 5,739 00 14,961 68	Use of sprinkling wagons and road rollers	\$171 84 646 47 556 95	\$176 00 2,487 65 479 29 60 00	\$347 8. 3,134 1: 1,036 2: 60 00
Vault permits	7,330 09	39,054 10 688 co	14,961 68 46,384 99 1,023 50	Totals	\$298,667 55	\$741,594 22	\$1,040,261 77

	Document "B."	
AZ	Detailed Statement of Expenditures for which Requisitions were drawn on the Coby the Commissioner of Public Works during the Quarter ending June 30, 11	Comptroller 889.
	APPROPRIATIONS.	
	reduct — Repairs, Maintenance and Strengthening — Blacksmithing	\$396 65

APPROPRIATIONS.	1889.
Aqueduct - Repairs, Maintenance and Strengthening -	
Blacksmithing Brick, cement, etc	\$396 65 56 75
Coal	238 00
Flagging, etc	185 62 1,226 83
Oil	1,043 85 230 59
Pay-rolls	32,514 69
Removing material from old reservoir	2,187 OU 106 25
Repairing engine	113 58 45 60
Repairing roof, etc	415 10
Stone	500 00 150 00
Taxes Tools and supplies	1,287 00 1,533 43
Traveling expenses	73 47
Total	\$42,304 41
Aqueduct-Repairs, Maintenance and Strengthening, 1888-	
Underground cable.	\$450 02
Boring Examinations for Grading and Sewer Contracts— Pay-rolls	\$967 50
Boulevards, Roads and Avenues, Maintenance of—	#907 30
Elm trees	\$150 00
Gravel and screenings.  Horse-hire	4,452 49 180 00
Lumber Paints, etc	26 64 99 91
Pay-rolls	21,898 69
Rent of yard	900 00 68 50
Repairing sprinklers. Sprinkler attachments.	28 30 711 20
Supplies	26 22
Telephone service	33 75
Total	\$28,585 70
Boulevards, Roads and Avenues, Maintenance of, 1888—	ench so
Gravel	\$796 50
Bronx River Works—Maintenance and Repairs— Graphite grease	\$18 00
Pay-rolls	3,858 00
Taxes	167 72 44 22
Total	\$4,087 94
Contingencies—Department of Public Works— Incidental expenses	\$200 00
Horse-hire Postage	270 00 380 11
•	
Total	\$850 11
Flagging Sidewalks and Fencing Vacant Lots, etc.— Pay-roll.	\$77 00
	=======================================
Free Floating Baths—Care and Maintenance— Pay-roll.	\$40 00
Repairing pumps	180 46 897 38
Wharfage	1,196 00
Total	\$2,313 84
Lamps and Gas and Electric Lighting—	
Gas examinations	\$383 50
Horse-hireLamp irons	416 00
Lamp-globes. Lamp-posts	1,118 oo 2,568 13
Lamp tops and reflectors	1,005 00
Lamps	794 50
Repairing lamps Repairing photometrical apparatus	142 05 354 00
Rent of Photometrical Rooms	240 00
Street signs	375 00 54 75
Lighting Armory, First Battery	54 75 86 62
" Seventh Regiment	77 00 721 25
" " Eighth " " " Ninth "	250 75 294 OI
	391 50 678 50
" " Twelfth "	268 13
" Twelfth " " Twenty-second Regiment " Sixty-ninth "	347 75 120 50
" Twelfth " " Twenty-second Regiment " " Sixty-ninth " " Seventy-first " " Brigade Headquarters	203 75
" Twelfth " " Twenty-second Regiment " Sixty-ninth " " Seventy-first " Brigade Headquarters Brown-stone Building	
" Twelfth " " Twenty-second Regiment " " Sixty-ninth " " Seventy-first " " Brigade Headquarters " Brown-stone Building " City Hall " CITY RECORD Bindery	549 00
" Twelfth " " Twenty-second Regiment " " Sixty-ninth " " Seventy-first " " Brigade Headquarters " Brown-stone Building City Hall CITY RECORD Bindery County Jail Court, Civil, First District	5 12
" Twelfth " " Twenty-second Regiment " " Sixty-ninth " " Seventy-first " " Brigade Headquarters " " Brown-stone Building " City Hall " CITY RECORD Bindery " County Jail " Court, Civil, First District " " Fourth " " Fifth "	5 12 350 75 2 38 10 00
" Twelfth " " Twenty-second Regiment " " Sixty-ninth " " Seventy-first " " Brigade Headquarters " " Brown-stone Building " City Hall " CITY RECORD Bindery " County Jail " Court, Civil, First District " " Fourth " " Fifth " " Sixth "	5 12 350 75 2 38 10 00 39 38 1 75
" Twelfth " " Twenty-second Regiment " " Sixty-ninth " " Seventy-first " Brigade Headquarters " Brown-stone Building City Hall CTTY RECORD Bindery County Jail Court, Civil, First District " Fourth " Fifth " Sixth Eighth " Ninth "	5 12 350 75 2 38 10 00 39 38
" Twelfth " " Twenty-second Regiment " " Sixty-ninth " " Seventy-first " " Brigade Headquarters " " Brown-stone Building City Hall CITY RECORD Bindery County Jail " " Court, Civil, First District " " Fourth " " Fifth " " Sixth " " Eighth " " Ninth " " Court, Police, First " " Second "	5 12 350 75 2 38 10 00 39 38 1 75 7 25 7 49 353 51
" Twelfth " " Twenty-second Regiment " " Sixty-ninth " " Seventy-first " " Brigade Headquarters " " Brown-stone Building City Hall CITY RECORD Bindery County Jail " " Court, Civil, First District " " Fourth " " Fourth " " Sixth " " Sixth " " Eighth " " Ninth " " Court, Police, First " " Second " " Third "	5 12 350 75 2 38 10 00 39 38 1 75 7 25 7 49 353 51 102 50 38 25
" Twelfth " " Twenty-second Regiment " " Sixty-ninth " " Seventy-first " " Brigade Headquarters " Brown-stone Building " City Hall " CITY RECORD Bindery " County Jail " Court, Civil, First District " " Fourth " " Fifth " " Sixth " " Eighth " " Ninth " " Court, Police, First " " Second " " Third " " Fourth "	5 12 350 75 2 38 10 00 39 38 1 75 7 25 7 49 353 51 102 50 38 25 99 25
" Twelfth " " Twenty-second Regiment " " Sixty-ninth " " Seventy-first " " Brigade Headquarters Brown-stone Building " City Hall " CITY RECORD Bindery " County Jail " Court, Civil, First District " " Fourth " " Fifth " " Sixth " " Eighth " " Ninth " " Court, Police, First " " Second " " Third " " Fourth " " Fourth " " Court of Special Sessions " Court-house, Third District (clock)	5 12 350 75 2 38 10 00 39 38 1 75 7 25 7 49 353 51 102 50 38 25 99 25 15 12 25 25
" Twelfth " " Twenty-second Regiment " " Sixty-ninth " " Seventy-first " " Brigade Headquarters " " Brown-stone Building " City Hall " CITY RECORD Bindery " County Jail " Court, Civil, First District " " Fourth " " Fifth " " Sixth " " Eighth " " Ninth " " Court, Police, First " " Second " " Third " " Fourth " " Fifth " " Court of Special Sessions " Court-house, Third District (clock) " " New County	5 12 350 75 2 38 10 00 39 38 1 75 7 25 7 25 7 25 38 25 99 25 15 12 25 25 347 38
"Twelfth "Twenty-second Regiment "Sixty-ninth "Seventy-first "Brigade Headquarters Brown-stone Building "City Hall "CITY RECORD Bindery "County Jail "Court, Civil, First District "Fouth "Fifth "Sixth "Eighth "Sixth "Eighth "Ninth "Court, Police, First "Second "Third "Fourth "Fourth "Fifth "Court of Special Sessions "Court of Special Sessions "Court of Public Works."  Department of Public Works.  "Taxes and Assessments	5 12 350 75 2 38 10 00 39 38 1 75 7 25 7 25 7 25 3 51 102 50 38 25 99 25 15 12 25 25
" Twelfth " Twenty-second Regiment " Sixty-ninth " Seventy-first " Seventy-first " Brigade Headquarters Brown-stone Building " City Hall " CITY RECORD Bindery " County Jail " Court, Civil, First District " Fourth " Fifth " Sixth " Eighth " Sixth " Eighth " Sixth " Eighth " Third " Second " Third " Fourth " Fourth " Second " Third " Fourth " Second " Third " Fifth " Second " Third " Fifth " Second " Third " Fourth " Third " Second " Third District (clock) " New County " Department of Public Works." Taxes and Assessments " Dog Pound " Engine-house, Highbridge	5 12 350 75 2 38 10 00 39 38 1 75 7 25 7 25 38 25 99 25 15 12 25 25 347 38 1,303 75 397 88 9 68 9 68
" Twelfth " Twenty-second Regiment " Sixty-ninth " Seventy-first " Seventy-first " Brigade Headquarters Brown-stone Building " City Hall CITY RECORD Bindery " County Jail " Court, Civil, First District " Fourth " Fifth " Sixth " Eighth " Sixth " Eighth " Ninth " Court, Police, First " Second " Third " Fourth " Fifth " Court of Special Sessions " Court-house, Third District (clock) " New County Department of Public Works. " Taxes and Assessments Dog Pound Engine-house, Highbridge " Ninety-eighth street	5 12 350 75 2 38 10 00 39 38 1 75 7 25 7 49 353 51 102 50 38 25 99 25 15 12 25 25 347 38 1,303 75 397 88 9 63 5 00 90 00 162 75
" Twelfth " Twenty-second Regiment " Sixty-ninth " Seventy-first " Brigade Headquarters Brown-stone Building " City Hall " CTY RECORD Bindery " County Jail " Court, Civil, First District " Fourth " Fifth " Sixth " Eighth " Ninth " Court, Police, First " Second " Third " Fourth " Fourth " Fourth " Third " Fourth " Second " Third " Fourth " Third " Taxes and Assessments " Dog Pound Engine-house, Highbridge " Ninety-eighth street Market, Catharine " Centre " Centre"	5 12 350 75 2 38 10 00 39 38 1 75 7 25 7 49 353 51 102 50 38 25 99 25 15 12 25 25 347 38 1,303 75 397 88 9 63 9 90 00 162 75 48 88 106 12
" Twelfth " Twenty-second Regiment " Sixty-ninth " Seventy-first " Brigade Headquarters Brown-stone Building " City Hall " CITY RECORD Bindery " County Jail " Court, Civil, First District " Fourth " Fifth " Sixth " Eighth " Sixth " Eighth " Sixth " Eighth " Third " Second " Third " Fourth " Fifth " Second " Third " Fourth " Third " Fourth " Third "	5 12 350 75 2 38 10 00 39 38 1 75 7 25 7 49 353 51 102 50 38 25 99 25 15 12 25 25 347 38 1,303 75 397 88 9 63 9 00 162 75 48 88 106 12 199 88
" Twelfth " Twenty-second Regiment " Sixty-ninth " Seventy-first " Brigade Headquarters Brown-stone Building "City Hall "CITY RECORD Bindery " County Jail " Court, Civil, First District " Fourth " Fifth " Sixth " Eighth " Sixth " Eighth " Ninth " Court, Police, First " Second " Third " Fourth " Fifth " Court, Police, First " Second " Third " Fifth " Third " Fourth " Third District (clock) " New County Department of Public Works. " Taxes and Assessments Dog Pound Engine-house, Highbridge " Ninety-eighth street Market, Catharine " Centre " Clinton	5 12 350 75 2 38 10 00 39 38 1 75 7 25 7 49 353 51 102 50 38 25 99 25 15 12 25 25 347 38 1,303 75 397 88 9 60 90 00 162 75 48 88 106 12

REC	OR	D.	August	28,	1889.
Lamps and C	Sac and	Flactric Lighting		_	
Lighting	Marke	Electric Lighting—			\$95 75
	"	Union			6 12 882 99
**	Office,	Board of Assessors			3 37 11 87
	66	Corporation Attorney			68 75
44	**	Corporation Counsel			3º 49 24 75
46	"	Public Administrator			05 75
**	Repair	Shop, Thirtieth street			95 75 6 50
**		Eighty-seventh street One Hundred and Twenty-fifth street			5 24 15 37
**		s over Essex Market			7. 37 43 88
**	Riving	ton Street Yard			4 12
**	Sixteer	y-fourth"			4 50 4 51 2 88
44		undred and Nineteenth Street Yard			2 88 11,527 95
44	66	United States Illuminating Co East River Electric-light Co			17,469 10
**	**	Harlem Lighting Co			8,493 10 4,603 75
**	**	North New York Lighting Co			1,090 25 670 08
46	"	Central Gas-light Co			17,377 55 70,588 99
**	**	Equitable Gas-light Co			6,913 87
"	44	New York Mutual Gas-light Co New York and New Jersey Globe Gas-light			83 <b>1</b> 54 735 00
	**	Northern Gas-light Co			15,403 11
					3,244 34
				*****	\$178,418 31
		Electric Lighting, 1888— Brush Electric Illuminating Co	,,,,,,,,,,,		\$31,287 55
	44	United States Illuminating Co			34,096 00
- 44	44	North New York Lighting Co			9,578 75 2,223 90
	**	Mount Morris Electric-light Co			1,376 64
	Total				\$78,562 84
Laying Croto	n Pipes-	_			\$2 600 00
Horse-hi	re				\$3,659 27 321 00
Traveling	g expens	es			2,976 50 321 96
Bainbrid	ge, Sedg	gwick, Riverside avenues, etcetween One Hundred and Fifty-third and C	ne Hundred	l and	2,749 72
Fifty	y-fourth	streets between One Hundred and Fiftieth and One H	undeed and	Pic.	193 65
first	streets.	d Eighteenth street, between Seventh and Eight	undred and	rity-	44 10
One Hun	idred an	d Forty-fourth street, between Eighth and Ne	w avenues		455 00 161 40
One Hun	idred an	d Fifty-fifth street, between Elton and Melrose	avenues		335 50
	Total		, , , , , , , , , , , ,		\$11,218 10
Laying Croto	n Pipes,	1888—		-	
Cast-iron	pipe	ckwell's Island			\$732 95 13,246 96
Protectin Boston re	ig gas-m	ains   Boston road, etc			411 85
Forty-thi	ird street	, between First avenue and East river			463 50
One Hun	ndred an	, between Tenth and Eleventh avenues d Third street, between Eighth and Ninth ave	nues		292 45 470 50
One Hur	ndred an	d Tenth street, between Tenth and Manhattan	avenues		7,338 15
	Total	**********			\$24,273 38
		nstruction and Repairs— Battery			\$576 71
,,	Seventh	Regiment			375 00
44	Seventy	nth "			156 22 112 03
Brown-st	Brigade one Buil	Headquartersding			1,470 84
Bureau R	Repairs a	nd Supplies			1,101 59
County I	ail	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			2,290 88 15 36 6 75
Court, C	ivil, Fin	st District			6 75 5 44
Court-ho	" Thi	ird District			29 50 152 69
Court-no	Seve	enth District			201 90
Dog Pour	nd	v County			2,151 56 168 37
Hall of 1	Records				387 64 392 40
1	Fulton				230 25
" ]	lefferson	ort			20 90 2,018 17
Rivington	n Street	ton			634 76 42 85
Staats Ze	eitung B	uildingstreet			648 99 384 22
No. 31		•			181 40
Pay-rolls	3	street			1,963 co 1,682 50
Traveling	g expens	ses,			35 80
	Total				\$17,597 30
Public Drinki	ng-hydra	ants— nts			\$524 50
		ns in Streets and Avenues—		=	*3-4 30
Pay-rolls					\$716 OI
Removin	g telegra	actions, etcaph poles, etc			4,023 35 6,940 25
Removin	g trees .	ses.			451 50 228 45
	•				
		ral of Pipes, Stop-cocks, etc		=	\$12,359 56
Changing	g taps				\$229 11
Coal and	wood				410 00 166 10
Hydrants	s, stop-c	ocks, etc			6,937 66
Pay-rolls					594 7° 39,563 59 215 84
Repairing	g hydra	ntsg machine			215 84 98 76
Telephor	ne servic	es.			204 50
		es			497 19 27 40
	Total				\$48,944 85
				4.5	"T-77TT -3

Repairing and Renewal of Pipes, Stop-cocks, etc., 1888— Cast-iron pipe	\$4,068 78	Repairs and Renewal of Pavements and Regrading. \$ Repairs and Renewal of Pavements and Regrading, 1888.	5,841 45
Repairs and Renewal of Pavements and Regrading —		Repairs and Renewal of Pavements and Regrading—Salaries	2,922 98 20,273 67
Cement	\$102 30 474 00	Roads, Streets and Avenues—Salaries  Roads, Streets and Avenues Unpaved—Maintenance, etc.	2,075 50 5,495 15
Pay-rolls Redressing granite-blocks.	95,255 II 800 00	Salaries—Department of Public Works. Salaries of Engineer, Clerks, Inspectors and Measurers, etc. Sewerage System—Salaries	24,370 08 12,433 92
Removing rock Repairing pavement	96 50 165 00	Sewers—Repairing and Cleaning Sewers—Repairing and Cleaning, 1888	4,943 18 37,955 02
steam-roller tar-pots team-roller	417 50 210 00	Sewers—Repairing and Cleaning—Salaries	8,805 83 2,469 98
tool-carts. tools wagon	103 00 386 30	Supplies for and Cleaning Public Offices.  Supplies for and Cleaning Public Offices. 1888	353 50 26,743 II
Sand	20 00 1,996 77 18 90	Supplies for and Cleaning Public Offices—Salaries Supplying Water to Shipping, etc.—Salaries	3 87 4,863 61 2,570 99
Sione Tools and supplies.	3,831 38	Surveys, Maps, etc., for Street Openings, etc.—Salaries	4,021 21 1,352 20
Traveling expenses	548 05 83 00	Water Supply for the Twenty-fourth Ward—Salaries. Wells and Pumps—Repairing and Cleaning.	300 00 155 81
Total	\$104,507 81	Total	
Repairs and Renewal of Pavements and Regrading, etc., 1888— Relaying pavement	\$5,841 45	TRUST ACCOUNTS.	
Repaving Streets and Avenues, 1888— First street, between Bowery and Avenue A	ern. so	Drawing materialsCROTON WATER FUND.	\$453 82
Third street, between Bowery and Avenue B.  Third street, between Gansevoort street and Ninth avenue	\$574 90 812 30 363 80	Land,	9,495 00
Twenty-first street, between Eighth and Tenth avenues. Twenty-seventh street, between Ninth and Tenth avenues.	544 90 545 10	Printing	10,563 74
Twenty-eighth street, between First avenue and East river.  Twenty-ninth street, between Ninth and Tenth avenues, etc.	3,099 67	Rent of offices. Repairing instruments	300 00 150 00
Cherry street, between Jackson and Clinton streets.  Dry Dock street, between Tenth and Eleventh streets, etc	524 00 484 30.	Reservoir at Williamsbridge	90 75 34,281 00 1,353 56
Hudson street, between Chambers and Beach streets	10,486 00	Services, Commissioners' Services, Legal.	20,824 18
Orchard street, between Division and Houston streets	755 90 434 40	Supplies	978 25 115 50
Stanton street, between Bowery and Clinton street	592 20	Traveling expenses	622 23
Total =  Roads, Streets and Avenues Unpaved, Maintenance, etc. =	\$20,273 07	Total	
Pay-rolls	\$5,495 15	RESTORING AND REPAVING—SPECIAL FUND—DEPARTMENT PUBLIC WORKS, Pay-rolls Restoring pavements.	1,704 25
Sewers – Repairing and Cleaning – Basin-heads	\$3,210 00	Total	4,572 00
Brick, cement and sand	765 50	STREET IMPROVEMENT SUND	#0,270 25
Cleaning sewers. Horse-hire.	8,849 18 504 00	Curbing and flagging	26 50
Lumber. Map	100 00	Regulating, grading, etc.	161.728 22
Pay-rolls Removing basin-head	5 00	Pay-rolls	78.441 87
Repairing sewer. Tools.	3,292 48 40 75 60 00	Surveying Protecting gas-mains.	3,528 53 542 97
Repairing wagon. Setting basin-heads. Sewer-pipe and bottoms.	948 54 1,038 67	Total \$5	335,073 45
Stone Tools and supplies.	184 80 382 69	WATER-METER FUND, NO. 2.	
Traveling expenses	368 30	Placing meters Water-meters.	\$1,514 04 2,096 00
Total	\$37,955 02	Total	\$3,610 04
Sewers—Repairing and Cleaning, 1888— Repairing sewers	\$8,805 83	RECAPITULATION OF FUNDS.	
Supplies for and Cleaning Public Offices —		Croton Water Fund	6.276 25
Armory, Eighth Regiment. "Eleventh"	\$100 00	Street Improvement Fund. Water-meter Fund, No. 2	335,073 45 3,610 04
Bureau of Repairs and Supplies.	226 41 2,35 <b>3</b> 20	Total \$4	
City Hall Department of Public Works.	75° 97 82 85	GENERAL SUMMARY.	
Court, Civil, Fourth District	95 00 17 02	Appropriations \$7 Funds 4	746,360 62
	68 20	Total\$1,1	+33,019 02
Office, Comptroller. Corporation Attorney.	68 30		
" Corporation Attorney " Recorder Pay-rolls	67 75 18,318 53		
" Corporation Attorney." Recorder	67 75 18,318 53 4,521 08	Document "C."	
" Corporation Attorney. " Recorder Pay-rolls. Coal and wood.  Total = Supplies for and Cleaning Public Offices, 1888—	67 75 18,318 53 4,521 08 \$26,743 11		
" Corporation Attorney " Recorder Pay-rolls Coal and wood  Total = Supplies for and Cleaning Public Offices, 1888— Pay-roll. =	12 00 67 75 18,318 53 4,521 08 \$26,743 11	Document "C."  STATEMENT OF CONTRACTS.  Contracts Entered into During the Three Months ending June 30, 1889.	181,979 64
" Corporation Attorney " Recorder Pay-rolls Coal and wood  Total  Supplies for and Cleaning Public Offices, 1888— Pay-roll  Street Improvements—For Surveying, Monumenting, etc.— Pay-rolls	\$26,743 II \$3 87	Document "C."  STATEMENT OF CONTRACTS.  Contracts Entered into During the Three Months ending June 30, 1889.	
" Corporation Attorney " Recorder Pay-rolls Coal and wood  Total = Supplies for and Cleaning Public Offices, 1888— Pay-roll = Street Improvements—For Surveying, Monumenting, etc.— Pay-rolls = Water Supply for the Twenty-fourth Ward —	\$26,743 II \$3 87 \$353 50 \$353 50	Document "C."  STATEMENT OF CONTRACTS.  Contracts Entered into During the Three Months ending June 30, 1889.    Statement of Contracts.   Contractor.   Sureties.	181,979 64 ESTIMATED
" Corporation Attorney " Recorder Pay-rolls	\$3 87 \$3,352 20	DOCUMENT 11 C."  STATEMENT OF CONTRACTS.  Contracts Entered into During the Three Months ending June 30, 1889.  Total Sequence Contracts and Location of Work.  Sequence Contracts.  May 21 Extension of sewer in Front street, between Old Slip and Wall street. Charles Montgomery, 722 East 143d street. McLaughlin, Brook ave. & 143d st.	181,979 64 ESTIMATED
"Corporation Attorney "Recorder Pay-rolls Coal and wood	\$3 87 \$3,352 20	DOCUMENT "C."  STATEMENT OF CONTRACTS.  Contracts Entered into During the Three Months ending June 30, 1889.    Out	ESTIMATED COST.
" Corporation Attorney " Recorder Pay-rolls. Coal and wood  Total == Supplies for and Cleaning Public Offices, 1888— Pay-roll. == Street Improvements—For Surveying, Monumenting, etc.— Pay-rolls == Water Supply for the Twenty-fourth Ward — Supply of water. == Wells and Pumps—Repairing and Cleaning— Repairing pumps == RECAPITULATION OF APPROPRIATIONS.	\$353 50 \$1,352 20 \$155 81	DOCUMENT "C."  STATEMENT OF CONTRACTS.  Contracts Entered into During the Three Months ending June 30, 1889.  Settle Contracts.  Nature and Location of Work.  Settle Contracts.  May 21 Extension of sever in Front street, between Old Slip and Wall street. Settle Charles Montgomery, 122 East 143d street.  "21 Alterations and improvements to sewer in Eighty-third street, between Eighth and Ninth avenues."  Alterations and improvements to sever in Eighty-third street, between Eighth and Ninth avenues. Charles Montgomery, 122 East 143d street.  "21 Alterations and improvements to sever in Ninth avenue, west side. Charles Montgomery.  "22 Charles Montgomery, 122 East 143d street. R. McLaughlin, Brook ave. & 143d st. R. McLaughlin, Brook ave. & 143	ESTIMATED COST.  \$1,873 50  4.092 00
"Corporation Attorney "Recorder Pay-rolls	\$12 00 67 75 18,318 53 4,521 08 \$26,743 11 \$3 87 \$353 50 \$1,352 20 \$155 81 \$42,304 41 450 02	DOCUMENT "C."  STATEMENT OF CONTRACTS.  Contracts Entered into During the Three Months ending June 30, 1889.  Sever Contracts.  May 21 Extension of sewer in Front street, between Old Slip and Wall street.  "21 Alterations and improvements to sewer in Eighty-third street, between Eighth and Ninth avenue, west side, between Eighty-third and Eighty-fourth streets, fourth street.  "21 Alterations and improvements to sewer in Ninth avenue, west side, between Eighty-third and Eighty-fourth streets.  "22 Alterations and improvements to sewer in Ninth avenue, west side, between Eighty-third and Eighty-fourth streets.  "23 Alterations and improvements to sewer in Ninth avenue, west side, between Eighty-third and Eighty-fourth streets.  "24 Alterations and improvements to sewer in Ninth avenue, west side, between Eighty-third and Eighty-fourth streets.  "25 Alterations and improvements to sewer in Ninth avenue, west side, between Eighty-third and Eighty-fourth streets.  Charles Montgomery, 722 East 143d street.  McLaughlin, Brook ave, & 143d st.	ESTIMATED COST.  \$1,873 50
"Corporation Attorney "Recorder Pay-rolls. Coal and wood  Total ====================================	\$12 00 67 75 18,318 53 4,521 08 \$26,743 11 \$3 87 \$353 50 \$1,352 20 \$155 81 \$42,304 41 450 02 6,752 07 967 50	DOCUMENT "C."  STATEMENT OF CONTRACTS.  Contracts Entered into During the Three Months ending June 30, 1889.  Sewer Contracts.  May 21 Extension of sewer in Front street, between Old Slip and Wall street.  "21 Alterations and improvements to sewer in Eighty-third street, between Eighty third and Ninth avenues.  Alterations and improvements to sewer in Ninth avenue, west side, between Eighty-third and Eighty-forth streets.  Rocal Windows and Street.  Charles Montgomery, 722 East 143d street.  McLaughlin, Brook ave. & 143d st.  McLaughlin, Brook ave. & 143d st.  McCaughlin, Brook ave. & 143d st.  McGrath, 64 East 106th street.  Rocal Windows and McGrath, 64 East 106th street.	ESTIMATED COST.  \$1,873 50  4,092 00
"Corporation Attorney "Recorder Pay-rolls Coal and wood  Total  "Total  "Supplies for and Cleaning Public Offices, 1888— Pay-roll  "Street Improvements—For Surveying, Monumenting, etc.— Pay-rolls  "Water Supply for the Twenty-fourth Ward — Supply of water  "Wells and Pumps—Repairing and Cleaning— Repairing pumps  "RECAPITULATION OF APPROPRIATIONS. Aqueduct—Repairs, Maintenance and Strengthening Aqueduct—Repairs, Maintenance and Strengthening Aqueduct—Repairs, Maintenance and Strengthening Soring Examinations for Grading and Sewer Contracts Soulevards, Roads and Avenues, Maintenance of Soulevards, Roads and Avenues, Maintenance of, 1888 Soulevards, Roads and Avenues, Maintenance of, Salaries.	\$12 00 67 75 18,318 53 4,521 08 \$26,743 11 \$3 87 \$353 50 \$1,352 20 \$155 81 \$42,304 41 450 02 6,752 07 967 50 28,585 70 706 50	DOCUMENT "C."  STATEMENT OF CONTRACTS.  Contracts Entered into During the Three Months ending June 30, 1889.  Sewer Contracts.  May 21 Extension of sewer in Front street, between Old Slip and Wall street.  "21 Alterations and improvements to sewer in Eighty-third street, between Eighty third and Ninth avenues.  Alterations and improvements to sewer in Ninth avenue, west side, between Eighty-third and Eighty-forth streets.  Rocal Windows and Street.  Charles Montgomery, 722 East 143d street.  McLaughlin, Brook ave. & 143d st.  McLaughlin, Brook ave. & 143d st.  McCaughlin, Brook ave. & 143d st.  McGrath, 64 East 106th street.  Rocal Windows and McGrath, 64 East 106th street.	ESTIMATED COST.  \$1,873 50  4,092 00
"Corporation Attorney "Recorder Pay-rolls	\$12 00 67 75 18,318 53 4,521 08 \$26,743 11 \$3 87 \$353 50 \$1,352 20 \$155 81 \$42,304 41 450 02 6,752 07 967 50 28,585 70 796 50 624 99 4,087 94	DOCUMENT "C."  STATEMENT OF CONTRACTS.  Contracts Entered into During the Three Months ending June 30, 1889.  Sewer Contracts.  May 21 Extension of sewer in Front street, between Old Slip and Wall street.  "21 Alterations and improvements to sewer in Eighty-third street, between Eighth and Ninth avenue, west side, between Eighth and Ninth avenue, west side, between Eighty-third and Eighty-fourth streets.  "21 Receiving-basins on southeast conners of Ninety-fifth, Ninety-sixth and Ninety-seventh streets and Madison avenue, and on southwest corners of Ninety-eighth, Ninety-ninth, One Hundreduh, Ninety-ninth,	ESTIMATED COST.  \$1,873 50  4,092 00  1,663 50
"Corporation Attorney "Recorder Pay-rolls. Coal and wood  Total = Supplies for and Cleaning Public Offices, 1888— Pay-roll. = Street Improvements—For Surveying, Monumenting, etc.— Pay-rolls = Supply for the Twenty-fourth Ward — Supply of water. = Wells and Pumps—Repairing and Cleaning— Repairing pumps: =  RECAPITULATION OF APPROPRIATIONS. Aqueduct—Repairs, Maintenance and Strengthening, 1888— Aqueduct—Repairs, Maintenance and Strengthening—Salaries. Soring Examinations for Grading and Sewer Contracts Soulevards, Roads and Avenues, Maintenance of, 1888—Soulevards, Roads and Repairs—Soulevards, Roads and Repairs—Soulevards, Roads and Repairs—Soulevards, Roads and Repairs—Soulevards, Road	\$12 00 67 75 18,318 53 4,521 08 \$26,743 11 \$3 87 \$353 50 \$1,352 20 \$155 81 \$42,304 41 450 02 6,752 07 967 50 28,585 70 796 50 624 99 4,087 94 941 67 850 11 77 00	DOCUMENT "C."  STATEMENT OF CONTRACTS.  Contracts Entered into During the Three Months ending June 30, 1889.  Sewer Contracts.  May 21 Extension of sewer in Front street, between Old Slip and Wall street.  21 Alterations and improvements to sewer in Eighty-third street, between Eighth and Ninth avenues.  22 Alterations and improvements to sewer in Ninth avenue, west side, between Eighty-third and Eighty-fourth streets.  23 Alterations and improvements to sewer in Ninth avenue, west side, between Eighty-third and Eighty-fourth streets.  24 Receiving-basins on southeast corners of Ninety-sighth, Ninety-sixth and Ninety-seventh streets and Madison avenue, and on southwest corners of Ninety-sighth, Ninety-sixth and Ninety-seventh streets and Madison avenue, and on southwest corners of Ninety-sighth, Ninety-sixth and Ninety-seventh streets and Madison avenue, and on southwest corners of Ninety-sighth, Ninety-sixth and Ninety-seventh streets and Madison avenue, and on southwest corners of Ninety-sighth, Ninety-sixth and Ninety-seventh streets and Madison avenue, and on southwest corners of Ninety-sighth, Ninety-sixth and Ninety-seventh streets and Madison avenue, and on southwest corners of Ninety-sight, Ninety-sixth and Ninety-seventh streets and Madison avenue, and on southwest corners of Ninety-sighth, Ninety-sixth and Ninety-sixt	ESTIMATED COST.  \$1,873 50  4,092 00  1,663 50
"Corporation Attorney "Recorder Pay-rolls. Coal and wood  Total  Supplies for and Cleaning Public Offices, 1888— Pay-roll.  Street Improvements—For Surveying, Monumenting, etc.— Pay-rolls  Water Supply for the Twenty-fourth Ward — Supply of water.  Wells and Pumps—Repairing and Cleaning— Repairing pumps:  RECAPITULATION OF APPROPRIATIONS. Aqueduct—Repairs, Maintenance and Strengthening Aqueduct—Repairs, Maintenance and Strengthening—Salaries. Soring Examinations for Grading and Sewer Contracts Soulevards, Roads and Avenues, Maintenance of, 1888 Soulevards, Roads and Avenues, Maintena	\$12 00 67 75 18,318 53 4,521 08 \$26,743 11 \$3 87 \$353 50 \$1,352 20 \$155 81 \$42,304 41 450 02 6,752 07 967 50 28,585 70 796 50 624 99 4,087 94 941 67 850 11 77 00 2,313 84 1,769 00	DOCUMENT "C."  STATEMENT OF CONTRACTS.  Contracts Entered into During the Three Months ending June 30, 1889.  Sewer Contracts.  May 21 Extension of sewer in Front street, between Old Slip and Wall street.  21 Alterations and improvements to sewer in Eighty-third street, between Eighth and Ninth avenues.  22 Alterations and improvements to sewer in Ninth avenue, west side, between Eighty-third and Eighty-fourth streets.  23 Alterations and improvements to sewer in Ninth avenue, west side, between Eighty-third and Eighty-fourth streets.  24 Receiving-basins on southeast corners of Ninety-sighth, Ninety-sixth and Ninety-seventh streets and Madison avenue, and on southwest corners of Ninety-sighth, Ninety-sixth and Ninety-seventh streets and Madison avenue, and on southwest corners of Ninety-sighth, Ninety-sixth and Ninety-seventh streets and Madison avenue, and on southwest corners of Ninety-sighth, Ninety-sixth and Ninety-seventh streets and Madison avenue, and on southwest corners of Ninety-sighth, Ninety-sixth and Ninety-seventh streets and Madison avenue, and on southwest corners of Ninety-sighth, Ninety-sixth and Ninety-seventh streets and Madison avenue, and on southwest corners of Ninety-sight, Ninety-sixth and Ninety-seventh streets and Madison avenue, and on southwest corners of Ninety-sighth, Ninety-sixth and Ninety-sixt	ESTIMATED COST.  \$1,873 50  4,092 00  1,663 50
"Corporation Attorney "Recorder Pay-rolls. Coal and wood  Total == Supplies for and Cleaning Public Offices, 1888— Pay-roll. == Supplies for and Cleaning Public Offices, 1888— Pay-roll. == Street Improvements—For Surveying, Monumenting, etc.— Pay-rolls == Vater Supply for the Twenty-fourth Ward — Supply of water. == Vells and Pumps—Repairing and Cleaning— Repairing pumps ==  RECAPITULATION OF APPROPRIATIONS. Aqueduct—Repairs, Maintenance and Strengthening Aqueduct—Repairs, Maintenance and Strengthening—Salaries. Soring Examinations for Grading and Sewer Contracts Soulevards, Roads and Avenues, Maintenance of Soulevards, Roads and Avenues, Maintenance of—Salaries Stronx River Works—Maintenance and Repairs— Stronx River Works—  Stronx River	\$12 00 67 75 18,318 53 4,521 08 \$26,743 11 \$3 87 \$353 50 \$1,352 20 \$155 81 \$42,304 41 450 02 6,752 07 967 50 28,585 70 796 50 624 99 4,087 94 941 67 850 11 77 00 2,313 84 1,769 00 178,418 31 78,562 84	DOCUMENT "C."  STATEMENT OF CONTRACTS.  Contracts Entered into During the Three Months ending June 30, 1889.  Sewer Contracts.  May 21 Extension of sewer in Front street, between Old Slip and Wall street.  21 Alterations and improvements to sewer in Eighty-third street, between Eighth and Ninth avenues.  22 Alterations and improvements to sewer in Ninth avenue, west side, between Eighty-third and Eighty-fourth streets.  23 Alterations and improvements to sewer in Ninth avenue, west side, between Eighty-third and Eighty-fourth streets.  24 Receiving-basins on southeast corners of Ninety-sighth, Ninety-sixth and Ninety-seventh streets and Madison avenue, and on southwest corners of Ninety-sighth, Ninety-sixth and Ninety-seventh streets and Madison avenue, and on southwest corners of Ninety-sighth, Ninety-sixth and Ninety-seventh streets and Madison avenue, and on southwest corners of Ninety-sighth, Ninety-sixth and Ninety-seventh streets and Madison avenue, and on southwest corners of Ninety-sighth, Ninety-sixth and Ninety-seventh streets and Madison avenue, and on southwest corners of Ninety-sighth, Ninety-sixth and Ninety-seventh streets and Madison avenue, and on southwest corners of Ninety-sight, Ninety-sixth and Ninety-seventh streets and Madison avenue, and on southwest corners of Ninety-sighth, Ninety-sixth and Ninety-sixt	ESTIMATED COST.  \$1,873 50  \$4,092 00  1,663 50  \$2,202 50
" Corporation Attorney " Recorder Pay-rolls Coal and wood  Total	\$12 00 67 75 18,318 53 4,521 08 \$26,743 11 \$3 87 \$353 50 \$1,352 20 \$155 81 \$42,304 41 450 02 6,752 07 967 50 28,585 70 796 50 624 99 4,087 94 941 67 850 11 77 00 2,313 84 1,769 00 178,418 31 78,502 84 1,541 62 11,218 10	DOCUMENT "C."  STATEMENT OF CONTRACTS.  Contracts Entered into During the Three Months ending June 30, 1889.  Sewer Contracts.  May 21 Extension of sewer in Front street, between Old Slip and Wall street. Detween Eighty-third street, between Eighty-third street, between Eighty-third street, between Eighty-third and Eighty-fourth streets and Madison avenue, and on southwest corners of Ninety-eighth, Ninety-sixth and Ninety-seventh streets and Madison avenue, and one Hundred and Third streets and Madison avenue.  "21 Repairs to sewer in Fourth street, between Avenues A and C	ESTIMATED COST.  \$1,873 50  \$1,663 50  2,202 50
"Corporation Attorney "Recorder Pay-rolls. Coal and wood.  Total  Total  Esupplies for and Cleaning Public Offices, 1888— Pay-roll  Pay-rolls  Street Improvements—For Surveying, Monumenting, etc.— Pay-rolls  Water Supply for the Twenty-fourth Ward — Supply of water  Wells and Pumps—Repairing and Cleaning— Repairing pumps  RECAPITULATION OF APPROPRIATIONS. Aqueduct—Repairs, Maintenance and Strengthening Aqueduct—Repairs, Maintenance and Strengthening—Salaries. Boring Examinations for Grading and Sewer Contracts Soulevards, Roads and Avenues, Maintenance of, 1888. Boulevards, Roads and Avenues, Maintenance of, 1888. Bronx River Works—Maintenance and Repairs—Salaries. Bronx River Works—Maintenance and Repairs—Salaries Bronx River Works—Maintenance and Repairs—Salaries Contingencies—Department of Public Works. Flagging Sidewalks and Fencing Vacant Lots Free Floating Baths—Care and Maintenance. Free Floating B	\$12 00 67 75 18,318 53 4,521 08 \$26,743 11 \$3 87 \$353 50 \$1,352 20 \$155 81 \$42,304 41 450 02 6,752 07 967 50 28,585 70 796 50 624 99 4,087 94 941 67 850 11 77 00 2,313 84 1,769 00 178,448 31 78,562 84 1,541 62 11,218 10 24,273 38 4,013 98	DOCUMENT "C."  STATEMENT OF CONTRACTS.  Contracts Entered into During the Three Months ending June 30, 1889.  NATURE AND LOCATION OF WORK.  Sewer Contracts.  May 21  Extension of sewer in Front street, between Old Slip and Wall street. Petween Eighty-third street, between Eighty and Ninth avenues. A literations and improvements to sewer in Ninth avenue, west side, between Eighty-third and Eighty-fourth streets.  21  Repairs to sewer in Fourth street, bordered and Third streets and Madison avenue, and One Hundred and First, One Hundred and One Hundred and Third streets and Madison avenue. And One Hundred and Third streets and Madison avenue.  21  Repairs to sewer in Fourth street, between Avenues A and C	ESTIMATED COST.  \$1,873 50  4.092 00  1,663 50  4.053 60
" Corporation Attorney " Recorder Pay-rolls. Coal and wood  Total = Supplies for and Cleaning Public Offices, 1888— Pay-roll. = Street Improvements—For Surveying, Monumenting, etc.— Pay-rolls = Water Supply for the Twenty-fourth Ward — Supply of water. = Water Supply of water. = Wells and Pumps—Repairing and Cleaning— Repairing pumps = Repairing pumps = RECAPITULATION OF APPROPRIATIONS. Aqueduct—Repairs, Maintenance and Strengthening 1888. Aqueduct—Repairs, Maintenance and Strengthening—Salaries. Soring Examinations for Grading and Sewer Contracts Soulevards, Roads and Avenues, Maintenance of Solaries. Sonox River Works—Maintenance and Repairs—Salaries Sonox River Works—Maintenance and Repairs—Salaries Contingencies—Department of Public Works Lagging Sidewalks and Fencing Vacant Lots Tree Floating Baths—Salaries Lamps and Gas and Electric Lighting 1888 Lamps and Gas and Electric Lighting—Salaries Laying Croton Pipes. Laying Croton Pipes, 1888 Laying Croton Pipes—Salaries Lublic Drinking-hydrants.	\$12 00 67 75 18,318 53 4,521 08 \$26,743 11 \$3 87 \$353 50 \$1,352 20 \$1,352 20 \$155 81 \$42,304 41 450 02 6,752 07 967 50 624 99 4,087 94 941 67 850 11 77 00 23,13 84 1,769 00 178,418 31 78,562 84 1,541 62 11,218 10 24,273 38 4,013 98 17,597 30	DOCUMENT "C."  STATEMENT OF CONTRACTS.  Contracts Entered into During the Three Months ending June 30, 1889.  Sewer Contracts.  May 21  Extension of sewer in Front street, between Old Slip and Wall street.  Alterations and improvements to sewer in Eighty-third street, between Eighty-third and Eighty-fourth streets.  21  Alterations and improvements to sewer in Sinth avenues, thand Ninety-seventh streets and Madison avenue, and on southwest corners of Ninety-sighth, Ninety-sinth, One Hundred and One Hundred and Second and One Hundred and Third streets and Madison avenue.  22  Repairs to sewer in Fourth street, between Avenues A and C  23  Repairs to sewer in Thirteenth street, between Avenues A and C  24  Repairs to sewer in Forty-eighth street, from first avenue to Second avenue.  25  Repairs to sewer in Forty-eighth street, from first manhole east of First avenue to Second avenue.  26  Book ave. & 143d street.  Charles Montgomery, 722 East 143d	ESTIMATED COST.  \$1,873 50  4.092 00  1,663 50  2,202 50  4.053 60  3,951 77
" Corporation Attorney " Recorder Pay-rolls Coal and wood  Total  Supplies for and Cleaning Public Offices, 1888— Pay-roll.  Street Improvements—For Surveying, Monumenting, etc.— Pay-rolls  Water Supply for the Twenty-fourth Ward — Supply of water.  Wells and Pumps—Repairing and Cleaning— Repairing pumps:  RECAPITULATION OF APPROPRIATIONS. Aqueduct—Repairs, Maintenance and Strengthening Aqueduct—Repairs, Maintenance and Strengthening—Salaries. Boring Examinations for Grading and Sewer Contracts Soulevards, Roads and Avenues, Maintenance of Soulevards, Roads and Avenues, Maintenance Soulevards, Roads and Avenues, Maintenance Soulevards, Roads and Avenues, Mai	\$12 00 67 75 18,318 53 4,521 08 \$26,743 11 \$3 87 \$353 50 \$1,352 20 \$155 81 \$42,304 41 450 02 6,752 07 967 50 28,585 70 796 50 624 99 4,087 94 941 67 850 11 77 00 2,313 84 1,769 00 178,448 31 78,562 84 1,541 62 11,218 10 24,273 38 4,013 98	DOCUMENT "C."  STATEMENT OF CONTRACTS.  Contracts Entered into During the Three Months ending June 30, 1889.  Sewer Contracts.  May 21  Extension of sewer in Front street, between Old Slip and Wall street. Stewen Eighty-third street, between Eighty shird street, between Eighty shird and Ninth avenues. The current streets and Madison avenue, and on southwest corners of Ninety-sight, Ninety-sinth, One Hundred and First, One Hundred and One Hundred and Third streets and Madison avenue, and One Hundred and Third streets and Madison avenue. And One Hundred and Third streets and Madison avenue.  "21 Repairs to sewer in Fourth street, between Avenues A and C	ESTIMATED COST.  \$1,873 50  4.092 00  1,663 50  2,202 50  4.053 60  3,951 77

200	AT					100112.			1009
Date of Contract.	NATURE AND LOCATION OF WORK.	Contractor.	Sureties.	ESTIMATED COST.	Date of Contract.	Nature and Location of Work.	CONTRACTOR.	Sureties.	ESTIMATED COST.
June 14	Sewer in One Hundred and Sixty- fifth street, between Tenth avenue and Kingsbridge road	John Connolly, 185 East 8oth street .	Daniel McLaughlin, 128 Leroy street Daniel Sherry, Hall pl. and 165th st C. Vorndrau,	\$1,087 30	Apr. 19	Furnishing materials, etc., in the taking down of the marble steps leading to the portico on the south front of City Hall and rebuilding the same, and retiling the plat-	Frank J. Downes, 247 West 53d street .	E. Crawford, 220 West 28th street, William H. Morton, 346 Bowery	\$5,693 00
" 15	tween Tenth avenue and Boule- vard	Peter V. Clarke, 582 East 145th street. Peter V. Clarke,	672 East 147th street. A. Loeffler. 514 Willis avenue C. Vorndrau, 672 East 147th street.	1,465 00	" 20	form under portico	Mahony Bros., 52 New Bowery	Andrew Martin, 94 Madison street Henry Campbell,	2,170 0
	stre≘t, between Riverside and West End avenues	582 East 145th street,	A. Loeffler, 514 Willis avenue	7,30,00	" 22	S. N. Y	John Fox, * 160 Broadway	Henry Andruss, 512 East 117th street.	5,747 0
June 14	Regulating and Grading Contracts.  Regulating and grading Ninety.)	John T. McDonald,	Isaac A. Hopper, 163 West 122d street.	]	" 22	stop-cock boxes, manhole heads and covers	Reading Foundry Co. (Limited), Reading, Pa	Michael Ryan, 347 Bowery Michael Ryan, 347 Bowery Henry Andruss,	33,056 0
** 14	fourth street, from First to Second avenue	229 East 62d street William G. Leeson,	Edward Kilduff, 25 Sutton place William Bostelmann, 102 West street	\$2,910 46	May 20	Furnishing material and performing work in building two hydraulic passenger elevators in the New	The Corporation of Otis Bros., of Yonkers,	512 East 117th street A. G. Mills, 364 West 29th street American Surety Co	1
14	Tenth to Eleventh avenue  Flagging, curbing, etc., both sides   Eighty-ninth street, from Second to Third avenue, and both sides of	John T. McDonald,	J. W. McKnight, 32 Edgecombe ave Isaac A. Hopper, 163 West 122d street. Edward Kilduff,		" 21	County Court-house in City Hall Park, New York City	N. Y	Ransom Parker, Jr., 224 West 11th street.	
** \$0	Ninetieth street, from Second to Third avenue Flagging, etc, east side Leaox ave- nue, from One Hundred and Eleventh to One Hundred and	229 East 62d street	25 Sutton place	J	" 24	of trap-rock; also about 1,100 cubic yards coarse screenings of trap-rock.  Fur ishing materials and performing work in the taking down of the	153d st. and 10th ave.	Louis D. Beck, Astor House,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	6,776 0
	Twentieth street, from One Hun- dred and Twenty-second to One Hundred and Twenty-third street, from One Hundred and Thirtieth				" 24	steps, coping and ashlar of the plaza in front of the City Hall, and rebuilding the same	Thomas J. Dunn, 321 East 68th street	J. H. Deeves, 609 East 39th street Edward C. Sheehy,	2,250 0
	to One Hundred and Thirty- second street, from One Hundred and Thirty-eighth to One Hun- dred and Thirty-ninth street, and from One Hundred and Forty-					work in building eight new pon- toons for the free floating baths, and making the repairs and altera- tions required on the old pontoons	Thomas J. Sheridan, 1623 First avenue	8 West 125th street M. L. Begley, 302 East 80th street Edward C. Sheehy,	3,460 0
	first to One Hundred and Forty- third street; and on west side Lenox avenue, from One Hundred	Thomas J. Dunn,	John Dawson, 236 East 35th street. William Archer,	5,094 74	" 24	Furnishing the materials and painting the thirteen free floating baths	Thomas J. Sheridan, 1623 First avenue	8 West 125th street M. L. Begley, 302 East 80th street Maurice B. Flynn,	2,450 0
	and Eleventh to Oae Hundred and Nineteenth street, from One Hundred and Twentieth to One Hundred and Twenty-first street, from One Hundred and Twenty- sixth to One Hundred and	321 East 68th street.	William Archer, 236 East 35th street.	The second second	3	work of building a house at High- bridge	Terence A. Smith, 162 East 36th street	784 Fifth avenue Charles H. Field, 957 Madison avenue.	\$132,522 0
	Hundred and Thirty-fourth to One Hundred and Thirty-fifth street, from One Hundred and				Apr. 22	Laying Water-main Contracts  Furnishing, delivering and laying water-mains in One Hundred and		Moses Mehrbach,	1
	Thirty-sixth to One Hundred and Thirty-seventh street, from One Hundred and Thirty-eighth to One Hundred and Thirty-ninth street, and from One Hundred				" 26	Twenty-fifth street, between Fourth and Ninth avenues	John Cornwell, Jr., 111 East 127th street.	134 East 79th street Solomon Mehrbach, 74 East 54th street	\$52,473 0
	and Forty-first to One Hundred and Forty-first to One Hundred and Forty-third street.					Second avenues: in One Hun- dred and Eighty-seventh, One Hundred and Eighty-fourth, One Hundred and Fifty-fourth, Gray and Topping streets, and in Crane	Martin Lipps, 856 East 138th street.	Martin Lipps, 856 East 138th street Henry Lipps, 854 East 138th street.	11,052 7
Apr. 5	Paving with trap-block pavement One Hundred and Ninth street, from First avenue to East or Harlem river	P. H. McCullagh, 240 East 32d street	Michael Regan, 90 Barrow street Thomas Regan, 719 Lexington ave	\$3,487 41	Мау зг	place		Moreon Walashark	
	Paving Contracts under Section 321,	ì	,,,			eighth, One Hundred and Seventy- fifth, One Hundred and Seventy- sixth, One Hundred and Seventy- seventh, One Hundred and	John Cornwell, Jr., 111 East 127th street.	Moses Mehrbach, 134 East 79th street Solomon Mehrbach, 74 East 54th street	16,416 1
Apr. 18	New York City Consolidation Act of 1882.  Paving with granite-block povement, with concrete foundation, Hudson		James Everard,	1		Seventy-eighth, One Hundred and Eighty-third, and Rivington streets, and in Kingsbridge road.			\$80,541 9
<b>*</b> 18	street, from north side of Spring street to south side of Fourseenth street Paving with granite-block pavement,	Matthew Baird, 339 East 63d street	Worth House John M. Canda, Foot 52d street, N. R.	\$110,400 00	Apr. 3	Special Contracts.  Fencing vacant lots on south side of East Seventy-seventh street, be-	Dernard A. Koth,	F. Thileman, Jr.,	
	with concrete foundation, Hudson street, from north side of Beach street to south side of Spring street, and Canal street, from west	Matthew Baird, 339 East 63d street	John M. Canda, Foot 52d street, N. R. James Everard, Worth House	} 55,885 ∞	" 5	tween Madison and Park avenues Flagging, etc., west side of Third avenue, from Eighty-seventh to Eighty-eighth street	son avenue	F. Thilemann, Jr., 119 East 122d street	\$37 °
	side of Hud-on street to east side of Greenwich street			\$174,285 00	" 8	One Hundred and Forty-third street and Eighth avenue Flagging, etc., west side of Second	868 Fourth avenue	M. Sheridan, 213 West 60th street.	280 0
Apr. 25	Taking up and Relaying Pavement Contracts.  Taking up and relaying pavement in )				" 12	avenue, from One Hundred and Twenty-fifth to One Hundred and Twenty-eighth street	S. D. Seaman, 319 East 123d street. D. W. Moran,	G. N. Manchester, 417 East 116th street. Peter McGinness,	
•	Park Row, west side, from Mail street to about 473 feet northerly; Maiden lane, from Broadway to William street; Liberty street, from		John McLaughlin,	)	" 12	Flagging, etc., east side of Madison avenue, from Eighty-eighth to Eighty-ninth street.	349 Last /20 street)	Peter McGinness, 1546 Park avenue	697 6
	West to Washington street; Bar- clay street, from Church street to College place; College place, from Chambers to Murray street;	James Quinn, 1483 Avenue A	346 East 81st street M. L. Begley, 302 East 80th street.	\$10,507 00	1	Flagging, etc., south side of Seventy- seventh street, from Park to Madi- son avenue. Flagging, etc., One Hundred and	D. W. Moran, 349 East 72d street }	Peter McGinness, 1546 Park avenue	263 5
" 25	West Broadway, from Chambers to Canal street; Howard street, from Broadway to Crosby street. Taking up and relaying the pavement in Sixth avenue, west side, from				May 8	Eighteenth street, from Fifth to Lenox avenue Flagging, etc., east side of Fifth ave- nue, from Eightieth to Eighty-	P. H. Kerwin, 445 East 57th street. S D. W. Moran, 349 East 72d street	B. Mahon, 2293 Seventh avenue Peter McGinness, 1546 Park avenue	1
	Forty-fifth to Fiftieth street; For- ty-fourth street, from Second to Third avenue; Fifty-eighth street, from Fifth to Madison avenue;	Thomas Gearty,	John McLaughlin, 346 East 81st street P. H. McCullagh,	} 5,115 71	June 10	One Hundred and Thirty-third street and Seventh avenue		John G. Smith, 329 West 48th street.	
	One Hundred and Second street, from Second to Third avenue; One Hundred and Fourth street, from First to Third avenue		153 East 84th street	,	" to	One Hundred and Sixteenth street	Patrick Kearns, 720 East 143d street.  Patrick Kearns,	Thomas Regan, 719 Lexington ave Thomas Regan,	469 5
" 25	Taking up and relaying the pavement in Thirty-ninth street, from Sev- enth avenue to Broadway; Forty- ninth street, from Eighth to Ninth				" to	and Tenth avenue	720 East 143d street . \\ Patrick Kearns, 720 East 143d street . \\	719 Lexington ave Thomas Regan, 719 Lexington ave	364 5
	avenue; Fifty-fourth street, from Seventh avenue to Broadway; Sixtieth street, from Tenth to Eleventh avenue; Sixty-third street, from Ninth to Tenth ave- nue; Seventy-sixth street, from Ninth to Tenth avenue; Seventy-	Thomas Gearty, 135 East 83d street {	John McLaughlin, 346 East 81st street P. H. McCullagh, 153 East 84th street	} 5,242 60	" 13	Repairs to sewer in Ninety-seventh street, between Second and Third avenues	122d street and Madi-	M. Baird, 339 East 63d street	\$5,057 5
	ninth street, at intersection of West End avenue, and Eighty- fourth street, at intersection of West End avenue				Apr. 24	Gas Contracts.	Equitable Gas-light Co.,	William H. Gebhard, Park Avenue Hotel.	\$35,000 0
** <b>a</b> 6	Taking-up and relaying the pave- ment in Madison avenue, from One Hundred and Twenty-fith to b One Hundred and Twenty-ninth	Haskins & Culver, 41 West 105th street	M. Gearon, 2114 Madison avenue. J. K. Coates, 410 East 114th street.	2,222 00	" 24		Consolidated Gas Co.,	John Fox, 10 East 15th street Percy R. Pyne, 25 East 22d street Samuel Sloan,	
	Miscellaneous Contracts.			\$23,087 31	" 24	Furnishing the illuminating material	Northern Gas-light Co., 1845 Railroad avenue	7 East 38th street W. W. Van Voorhis, 69 Wall street James M. Cumings,	63,000 0
Apr. 1	Furnishing materials and performing work in building two floating swimming baths, "A" and "B"	Thos. J. Sheridan,	Edward C. Sheehy, 8 West 125th street M. L. Begley,	\$23,000 00	" 25	for, and lighting and extinguish- ing, cleaning, repairing and main- taining the public lamps on the streets, avenues, piers, parks and	New York Mutual Gas- light Co., 36 Union Square	John P. Kennedy, 38 East 36th street Arthur Leary,	2,700 0
" 4	Furnishing and delivering to the Department of Public Works about 1,500 cubic yards of Roa Hook gravel, suitable for road surfacing;	Louis D. Beck,	Ransom Parker, Jr., 224 West 11th street.		" 25	places in the City of New York, from May 1, 1889, to April 30, 1890	Yonkers Gas-light Co., Yonkers, N. Y	go Fifth avenue Thomas C. Connell, Yonkers, N. Y H. F. Spaulding, 628 Fifth avenue	14,650 0
" 10	gravel, suitable for road surfacing; also, about 3.400 cubic yards of Roa Hook gravel bank screenings] Loading and hauling away material (	Astor House	Charles B. Peet, 15 East 19th street B. Mahon, 2203 Seventh avenue.	]	" 25		Central Gas-light Co., 350 Alexander ave	William R. Beal, 576 East 142d street. Isaac D. Fletcher, 504 Fifth avenue	69,000 0
" <b>1</b> 5	from old reservoir in Central Park ( Furnishing and delivering tapping (	The corporation of "Patterson Bros.,"	W. J. Ford, 79 Sixth avenue Charles Wolff, 3 Rector street F. J. Allen,	10,000 00			New York and New Jersey Globe Gas- light Co, 115 Broadway	H. H. Rogers, 26 Broadway I. H. Dahlman, 205 East 24th street	2,800 0
	cocks and tapping cock boxes	27 Park Row	F. J. Allen, Astor House	1,009 00					\$468,150 0

#### RECAPITULATION.

11 Sewer Contracts	
4 Regulating and Grading Contracts	
r Paving Contract	3,487 41
2 Paving Contracts under Section 321, New York City Consolidation Act of 1882	. 174,285 00
4 Taking up and Relaying Pavement Contracts	. 23,087 31
14 Miscellaneous Contracts	. 132.522 00
3 Laying Water-main Contracts	. 80,541 90
14 Special Contracts	. 5,057 53
7 Gas Contracts	. 468,150 00
6o Contracts	. \$954,110 52

### Contracts Completed during the Three Months ending June 30, 1889.

DA	TE.	NATURE.	Location of Work.	Cost.
		Furnishing cast-iron water-pipes		
Apr.	4	branch-pipes and special castings Laying water-mains	In Boston road, Old Boston road, Kingsbridge road, Adams, Locust, Arthur and Westch-ster avenues;	\$10,093
			in Chestnut, Vyse, Main, One Hundred and Sixty- second, Centre and One Hundred and Nineteenth streets, and in Southern Boulevard	15,298
**	5	Sewer	In Eighty-ninth street, between Riverside and West	6,422
	5	"	. In Seventy-seventh street, between Riverside and West End avenues	5,432
•	16	Receiving-basin	Southwest corner One Hundred and Forty-eighth street and Eighth avenue	384
	18	Laying a crosswalk	Across Avenue St. Nicholas, north side One Hundred and Twenty-eighth street.	166
	18		Across Avenue St. Nicholas, south side One Hundred and Fifty-fifth street	200
•	18	"	Across Pleasant avenue, north and south sides One Hundred and Twenty-second street	410
	18	"	Across One Hundred and Twenty-eighth street, east side Second avenue	
	18		. Across One Hundred and Fiftieth street east side Tenth avenue	117
	22	Sewer	In Lexington avenue, between Seventy-fourth and Seventy-fifth streets	
	29	Sewer	In Eighty-eighth street, between West End avenue and Boulevard.	1,744
	29	Extension of sewer.	. In Ninetieth street, between Ninth and Tenth avenues.	2,325
	29	Laying a crosswalk	side Seventh avenue	125
	30	Fencing vacant lots	South side East S venty-seventh street, between Madison and Park avenues.	40
ıy	11	Repairs to sewer	In Manhattan avenue, between One Hundred and Sixth and One Hundred and Tenth streets	8,084
	13	Sewer	In One Hundred and Seventeenth street, between Madison and Fourth avenues	4,835
	13		In One Hundred and First street, between Boulevard and West End avenue	2,582
	13	"	In One Hundred and Third street, between Eighth and Manhattan avenues	3,816
	13	Paving with granite-block pavement.	One Hundred and Twenty-first street, from Seventh	6,560
	17		Madison avenue, from One Hundred and Eighth to	6,386
	22	Receiving-basin	One Hundred and Tenth street	5,738
	22	Paving with granite-block pavement.	One Hundred and Twenty-sixth street, from Second	340
	22	" "	to First avenue	5,626
	22	" trap-block pavement		2,794
	22	Regulating and grading	One Hundred and Seventeenth street, from Eighth to Ninth avenue	4,307
	22	Flagging, etc	West side Third avenue, from Eighty-seventh to Eighty-eighth street	525
	22	"	South side Seventy-seventh street, west of Park	319
	27	*	East side Fifth avenue, from Fifty-sixth to Fifty-seventh street, and on north side Fifty-sixth street,	3.9
		Laying a crosswalk	extending a dis ance 200 feet east of Fifth avenue Across First avenue, north and south sides One Hun-	1,052
	*7	Alterations and improvement to	dred and Fourteen h street	415
	27	sewer	avenues	3,996
	27	sewer	In Fifty-third street, at Tenth avenue	1,487
	27	Paving with granite-block pavement.	West End avenue, from Eighty-ninth to Ninety-sixth	5,347
	29	Flagging, etc	South side Fifty-fourth street, from Eighth to Ninth avenue	1,664
	31	Laying a crosswalk	Across First avenue, north and south sides of One Hundred and Fifteenth street	218
e		Boring and testing for water	On Blackwell's Island	4,123
	4	SewerFlagging, etc	In Eldridg street, between Broome and Grand streets West side Second avenue, from One Hundred and Twenty-fifth to One Hundred and Twenty-eighth	1,667
	4	Paving with trap-block pavement	One Hundred and Ninth street, from First avenue to East or Harlem river	309
	7	" granite-block pavement		3,738
	7	Flagging, etc	Both sides One Hundred and Sixteenth street, be- tween Plasant avenue and Harlemr ver	6,696
	7	"	Both sides Seventy-ninth street, from Boulevard to Hudson river.	1,395
	8		West side Park avenue, from One Hundred and Thir-	7,103
	8	Furnishing material and performing work for the plumbing and drain-	No. 49 Beekman street	1,910
1	10	age of the buildingPaving with granite-block pavement.	One Hundred and Eighteenth street, from Fifth to Lenox avenue	7,576
	11	Flagging, etc	East side Fifth avenue, from Eightieth to Eighty-first street	516
	ı x	"	East side Madison avenue, from Eighty-eighth to Eighty-ninth street, and on north side Eighty-eighth street, and south side Eighty-ninth street, east of	310
		Regulating and grading	Madison avenue	796
	4	Paving with granite-block pavement.	nue to Boulevard	3,423
	4	raving with granite-block pavement.	Eleventh avenue	6,745
	7	Flagging, etc	Tenth avenue	5,981
	9		Lenox to Seventh avenue  Ninetieth street, from Tenth avenue to Riverside	187
	20	Regulating and grading	Drive	3,222
2	I	Paving with granite-block pavement.	Manhattan avenue, from its intersection with Morn- ingside avenue, near One Hundred and Thirteenth	9 -6
2			street, to One Hundred and Sixteenth street One Hundred and Twentieth street, from Seventh to	8,269
2		Furnishing and delivering cast-iron	Lenox avenue	6,682
		water-pipes, branch-pipes and	W. F.J. C. Citt. in the Company	18,288
2		special castings Paving with Trinidad asphalt pavement	West End avenue, from Sixty-ninth to Seventy-second	13,532
2	7	Sewer	In Fourth avenue, west side, between Nmety-ninth and One Hundred and Third streets	11,235
				252,765 5

### RECAPITULATION.

13 Sewer Contracts	\$55,750 37 22,169 93.
76 Paying Contracts	119,719 25
r Laying Water-main Contract	15,298 95
4 Miscellaneous Contracts	34,361 24 5,465 77
18 Special Contracts	5,405 77
59 Contracts	\$252,765 51

### Document "D."

### REPORT OF CHIEF ENGINEER OF THE CROTON AQUEDUCT.

DEPARTMENT OF PUBLIC WORKS,
OFFICE OF CHIEF ENGINEER, No. 31 CHAMBERS STREET, ROOM 10,
NEW YORK, July 2, 1889.

Hon. THOMAS F. GILROY, Commissioner of Public Works:

DEAR SIR-In compliance with your instructions, I herewith submit report for the quarter ending June 30, 1889:

EXPENDITURES.		
Aqueduct—Repairs, Maintenance and Strengthening	\$42,161	13
Aqueduct—Repairs, Maintenance and Strengthening—Salaries	6,752	07
Bronx River Works—Maintenance and Repairs	4,087	94
Bronx River Works — Maintenance and Repairs — Salaries	941	67
Croton Water Fund	84,929	
Laying Croton Pipes	34,758	53
Laying Croton Pipes—Salaries	4,013	98
Laying Croton Pipes—Blackwell's Island	732	95
Repairing and Renewal of Pipes, Stop-cocks, etc.	18,792	48
Repairing and Renewal of Pipes, Stop-cocks, etc.—Salaries	2,354	99
Water Supply—Twenty-fourth Ward	1,352	20
Water-meter Fund, No. 2.	3,610	04
Total	\$204,487	11

#### STORAGE RESERVOIRS.

The Croton river furnished a full supply of water to the Aqueduct during the quarter. All of the lakes and reservoirs in the Croton basin are full.

#### Rainfall-Inches.

	APRIL.	MAY.	JUNE.	TOTAL FOR QUARTER,
Boyd's Corners Reservoir	4.43	3.22	4.51	12.16
South East Reservoir	4.23	3.17	3.52	10.92
Kensico Reservoir	6.or	2.50	3.03	11.54
Central Park Reservoirs	6.17	2.80	2.08	11.05
Croton Dam	5.48	2.21	3.18	10.87

Plans and maps and contracts and specifications for Reservoir "A" on the Muscoot Branch of the Croton river have been prepared and the work advertised to be let.

The commission appointed to appraise lands for the Reservoir "A" on Muscoot river, have held several meetings and consent has been given by the parties owning lands where the dam is to be built to the occurration of same.

built to the occupation of same.

The searches, surveys and maps of balance of the lands necessary for this reservoir not now before a commission are being made.

#### BRONX RIVER SUPPLY.

The commission appointed to appraise the damages on the Bronx river in Westchester County, between Woodlawn and Williamsbridge are taking testimony as to same.

The work on the Williamsbridge Reservoir is being carried on in a satisfactory manner and will 05

be completed before winter.

An average of 16,000,000 gallons of water per day has been furnished through this conduit and reservoir without interruption during the quarter.

The change of drainage of the adjacent property caused by the building of the reservoir at Williamsbridge necessitates the building of a number of drains on said property to accommodate the drainage, which work is now being prosecuted by the regular force.

The conduit, roads, fences and reservoirs have been kept in order by the two regular gangs of

The conduit, roads, lences and reservoir with the Bronx has been delayed on account of not men.

The work of connecting the Bryan river with the Bronx has been delayed on account of not having possession of the land necessary for same.

Surveys, maps and negotiations are now being made to obtain same, and also for the lands necessary for a reservoir at Byram Pond.

Surveys and plans are also being made to clear out, widen and straighten the Byram river and to reconstruct the old reservoir at Byram Pond.

Storage water drawn from the Kensico Reservoir during the quarter, 360,000,000 gallons.

Storage water drawn from the Kensico Reservoir during the quarter, 360,000,000 gallons. Rye Ponds Reservoir is full.

All of the works on this supply are in good order.

### AQUEDUCT-REPAIRS, MAINTENANCE AND STRENGTHENING. Work Done during the Quarter ending June 30, 1889.

	EARTH EXCAVA-	STONE QUARRIED.	DRY MASONRY.	FE	NCE.		FILLING AND GRADING.	SODDING
Divisions.	TION.			Built.	Repaired.	PAVING.		
	Cubic Yards.	Cubic Yards.	Cubic Yards.	Lineal Feet.	Lineal Feet.	Square Yards.	Cubic Yards.	Square Yards.
First				****	500			
Second		****		2,456	300			
Third	250	354	163	1,080	824		400	
Fourth		****		400	1,150			55
Fifth	1,140	****	376	552	500	198	200	
Sixth	363	150	261	1,050	500		363	
Seventh	500	****		320				1,000
Eighth	2,200	1,200						
Total	4,453	1,704	800	5,858	3,774	198	963	1,055

The regular maintenance of the Aqueduct has been continued as usual during the past quarter, such as care of dam, lake, gate-house, machinery and grounds, attending leaks, patroling Aqueduct property and building and repairing fences.

The particular work has been as follows:

First Division—Care of dam, lake, gate-houses and machinery; cutting bushes and weeds from shores of lake; attending leaks and policing vicinity of dam.

Second Division—Care and attention to leaks; clearing up line; cutting grass; building and

repairing fences.

Third Division—Building wall in lot at barn-yard; excavating rock at same place; filling in and grading on High bank; building retaining-wall on Kingsland's bank; attending Aspinwall leak; building and repairing fences; cutting grass, etc.

Fourth Division—General work along line of Aqueduct; clearing up surface; cutting grass, etc.

Fifth Division—Building retaining-walls in Glen; excavating for same; paving bank in Glen; seeding banks at Warburton avenue and glue factory; painting house; building and repairing fences.

Sixth Division—Building wall on Nickerson's bank; building wall in Sanford's lot and at upper end of division; quarrying stone; filling and grading banks; attending leaks; building and repairing fences.

repairing fences.

Seventh Division—Care of High Bridge, reservoir, gate-houses, engine-houses and grounds; patroling neighborhood of same; grading south side of reservoir and spreading screenings around same; sodding banks of reservoir; grading, excavating and sodding at High Bridge steps; painting and repairing inside of tower; setting curb and flag on Tenth avenue front of High Bridge Reservoir; hoisting coal; cutting grass, etc.

Eighth Division—Cleaning and repairs of Central Park and Forty-second Street reservoirs, gate-houses, chambers and outside mains; cleaning, repairs and maintenances of High Service Works, Ninth and Tenth avenues gate-houses and grounds; cutting grass around reservoir in Cen-

Street

tral Park; pointing, coping and repairs of furnace, High Service Works; excavating earth and rock from Old Reservoir, Central Park; patrolling Central Park Reservoir.

The leaks on the upper end of the Sixth Division are very troublesome and require constant

The leaks on the upper end of the Sixth Division are very troublesome and require constant care to keep them in check.

A contract for hauling away material from the Old Reservoir, in Central Park, and a contract for building a house at High Bridge for office and other purposes, have been entered into.

The Aqueduct, from Croton Dam to High Bridge, is at present the most critical portion of the works furnishing water to this city. In order to supply the city, 96,000,000 gallons of water are passing daily through the same; it was built to carry 75,000,000 gallons.

The embankments have settled, developing numerous cracks in top and bottom of the masonry structure, which show by leaks through and at the bottom of the embankments. The top leaks and a few of the bottom ones have been repaired, but since 1884 it has not been possible to shut off the water running through the Aqueduct long enough to repair same, as the necessities of the city required the full capacity of the Aqueduct. These leaks require constant attention so that they do not increase and wash away the embankments supporting the Aqueduct.

As soon as the new aqueduct is completed and tested, the amount of water running in the Aqueduct can be decreased and the necessary repairs made as required.

#### LAYING CROTON PIPES.

Contracts for laying water-mains in the following streets and avenues have been completed: Forty-third street, between First avenue and East river.

Walton avenue, between One Hundred and Fiftieth and One Hundred and Fifty-first streets. One Hundred and Third street, between Eighth and Ninth avenues.

One Hundred and Eighteenth street, between Seventh and Eighth avenues. Sixty-sixth street, between Tenth and Eleventh avenues.

Elton avenue, between One Hundred and Fifty-third and One Hundred and Fifty-fourth streets. One Hundred and Forty-fourth street, between Eighth avenue and first new avenue west of this avenue.

Eighth avenue. One Hundred and Fifty-fifth street, between Elton and Melrose avenues.

Three contracts for laying mains, one contract for stop-cocks, hydrants, etc., and one contract for furnishing pipe, etc., have been entered into.

One contract for furnishing pipe and one contract for laying pipe have been completed.

one contract for larmsning pipe and one contract for laying pipe have been completed	
Amount of Pipe Laid during the Quarter.	
	Lineal feet.
48-inch pipe  12-inch pipe  6-inch pipe	
Total	23,869
Stop-cocks Set.	
12-inch	31
Total	34
Hydrants Placed.	
"A" hydrants	47
Total	50
Total length of distributing mains in use 644.  Total number of fire-hydrants in use 8,2:  Total number of stop-cocks now in use 6,6	63

The contract for boring and testing for water on Blackwell's Island has been completed.

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

A gang of men have been employed during the quarter, replacing mains, taps and service-pipes along the water-front where the mains have been corroded by salt and brackish water. There is a large amount of pipe in this condition along the water-front.

A contract for furnishing tapping-cocks and boxes has been entered into and a contract for furnishing pipe, etc., completed.

The replact force have been employed placing taps.

METERS. The regular force have been employed examining for, testing and setting meters.

Number of meters placed during the quarter Number of meters in use March 31, 1889 ...... 18,611 

WASTE AND USE OF WATER.

During the quarter the reservoirs in Central Park have lost 63 inches of water, equal to 155,000,000 gallons, in addition to a full supply from the Croton Aqueduct of 96,000,000 gallons per day, and from the Bronx river conduit of 16,000,000 gallons per day.

As soon as the warm weather commenced the use of water so increased that the pressures of water throughout the city were reduced, and a large number of houses lost its use on one more story, and the number of complaints largely increased.

water throughout the city were reduced, and a large number of nouses lost its use on one more story, and the number of complaints largely increased.

The city is fifteen years behind in its water supply. In 1873 the lower part of the city was short of water, and as the upper part of the city has built up, the same condition has extended, especially on high ground and during the day when every one is using water. An increase of 40 per cent. in the water supply is immediately necessary. The average annual increase is 3 per cent. All will have to await patiently the completion of the new aqueduct for a relief from this short supply.

supply.

All means should be taken to stop waste and every consumer should economize until a larger supply is obtained.

G. W. BIRDSALL, Chief Engineer Croton Aqueduct.

### Document "E."

### REPORT OF THE WATER PURVEYOR.

DEPARTMENT OF PUBLIC WORKS, BUREAU OF WATER PURVEYOR, No. 31 CHAMBERS STREET, ROOM 1, NEW YORK, July 1, 1889.

Hon. THOMAS F. GILROY, Commissioner of Public Works:

SIR-In compliance with your instructions of the 22d ultimo, I have the honor to submit the

following report of the transactions of this Bureau for the quarter ending June 30, 1889: The following amounts were received as indicated and deposited with the City Chamberlain for the benefit of the Sinking Fund :

For permits to construct vaults ..... For labor and materials furnished..... 479 29 \$39,533 39 7,887 85 Total for quarter ending March 31, 1889 Total for the six months ending June 30, 1889..... \$47,421 24

204 vouchers were transmitted, amounting in the aggregate to three hundred and fifty-six thousand five hundred and ninety-one dollars and three cents (\$356,591.03), and were charged to the following accounts:

Public Drinking-hydrants	\$944 50
Public Drinking-hydrants—Salaries	200 00
Repairs and Renewal of Pavements and Regrading, 1888	
Repairs and Renewal of Pavements and Regrading, 1880	7,439 65
Repairs and Renewal of Pavements and Regrading—Salaries	2,922 98
Repairing and Renewal of Pipes, Stop-cocks, etc	26,744 91
Repaying Streets and Avenues, 1888	39,849 37
Repaying Streets and Avenues—Salaries	2,075 50

s and Pumps—Repairing and Cleaningt Improvement Fund	164,867	14
ingencies—Department of Public Works	20	11
Total Total for quarter ending March 31, 1889	\$356,491 116,442	03 89
Total for the six months ending June 30, 1889	\$472,933	92

#### PERMITS ISSUED.

100 for the construction of vaults.

38 for repairing vaults.
263 for erecting guy-posts.
167 for building fires on the streets for roofing, etc.
49 for repairs to pavements at expense of citizens.
Under resolution of the Common Council, approved April 4, 1889, a permit was issued to Vogel Brothers to lay a crosswalk across Eighth avenue, in front of No. 655.

### REPAIRS AND RENEWAL OF PAVEMENTS AND REGRADING.

The average force employed under the control of this Bureau during the quarter was:

In April, 174 mechanics, 285 laborers, 93 carts, 4 teams.

In May, 197 mechanics, 326 laborers, 106 carts, 4 teams.

In June, 166 mechanics, 273 laborers, 86 carts, 4 teams.

130,167 square yards of pavement were taken up and relaid by this force.

Three contracts for taking up and relaying the pavements from curb to curb in several streets were entered into during the quarter, work upon which is now in progress.

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

The average force employed in repairing water-pipes, stop-cocks, fire-hydrants, etc., during the

In April, 28 mechanics, 88 laborers, 14 carts.
In May, 29 mechanics, 86 laborers, 14 carts.
In June, 29 mechanics, 88 laborers, 15 carts.
140 new fire-hydrants were substituted for old ones.
2 new fire-hydrants were erected.

#### PUBLIC DRINKING-HYDRANTS.

48 public drinking-hydrants were repaired.

1 new public drinking-hydrant was erected at No. 230 Ninth avenue.

WELLS AND PUMPS, REPAIRING AND CLEANING.

3 wells were cleaned and pumps repaired at a cost of \$155.81

#### REPAVING STREETS AND AVENUES.

Contracts for repaving the following-named streets with granite pavement were completed during the quarter:

STREET.	From	SQUARE YARDS.	LINEAL FRET.
Twenty-eighth street	Avenue A to East river	1,343	411.80
Hudson street	Chambers to Beach street	10,578	1,351.95
Total, including crosswalks		11,921	1,763.75

Contracts for repaying Hudson street, from Beach to Spring street, and Hudson street, from Spring to Fourteenth street, are now in active progress, work on which will be completed during the present season.

### NEW PAVEMENTS UNDER ASSESSMENT.

Contracts for laying new pavements in the following-named streets were completed during the Granite Pavement, including Crosswalks

STREET.	From	SQUARE YARDS.	LINEAL FEET.
One Hundred and Thirty-fourth street	Sixth to Seventh avenue	2,681.00	820.20
Manhattan avenue	Morningside avenue to One Hundred and Six-	3,181.00	686.10
One Hundred and Fifty-seventh street	Tenth to Eleventh avenue	2,721.00	822.10
One Hundred and Twentieth street	Seventh to Lenox avenue	2,697.33	819.70
One Hundred and Fiftieth street	St. Nicholas to Tenth avenue	2,410.00	728.20
One Hundred and Twenty-sixth street	First to Second avenue	2,239.00	683.60
One Hundred and Eighteenth street	Fifth to Lenox avenue	3,139.00	947.60
Eighty-seventh street	Avenue A to Avenue B	2,210.80	669.40
One Hundred and Twenty-first street	Seventh to St. Nicholas avenue	2,544.00	775.50
One Hundred and Fifty-eighth street	Tenth to Eleventh avenue	2,718.55	821.70
Sixtieth street	Ninth to Tenth avenue	2,726.33	818.90
Eighty-seventh street	Ninth to Tenth avenue	2,721.00	816.50
Madison avenue	One Hundred and Eighth to One Hundred and	2,091.00	472.70
West End avenue	Eighty-ninth to Ninety-sixth street	8,846.00	1,835.10
Total		42,926.01	11,717.30

### Trap-block Pavement, including Crosswalks.

One Hundred and Thirteenth street	Fourth to Madison avenue	1,363.00	411.00
One Hundred and Ninth street	First avenue to East river	1,935.00	579.20
Total		3,298.00	990.20

Sixty-ninth to Seventy-second street.....

3,499.17

49,723.18 13,459.80

2.55

752.30

### Asphalt Pavement.

West End avenue.....

RECAPITULATION.					
Granite pavement	MILES. 2.22	42,926.01	11,717.30		
Trap-block pavement	-19	3,298.00	990.20		
Asphalt pavement	.14	3,499.17	752.30		

Total new pavement laid.....

Under the certificate of the Commissioner of Public Works as to its necessity, a resolution was adopted and approved for the laying of a crosswalk across the Bowery, from No. 192 to No. 199. This crosswalk was completed during the quarter, the cost thereof being assessed upon the property

The following table shows the total lengths and areas of pavements in this city at the close of the quarter, classified according to their different kinds:

KIND OF PAVEMENT.	Square Yards	LINEAL FEET.	MILES.
Specification granite	1,980,564.01	471,971.05	89.39
Block granite	673,402.00	136,717.00	25.89
Specification trap	1,235,982.00	350,940.20	65.47
Belgian	3,166,949.00	723,511.05	137.02
Cobble	116,296.00	33,172.20	6.30
Asphalt	37,900.17	10,360.30	1.96
Wood	516.00	153.00	.03
Russ	2,964.00	621.00	.12
Macadam	846,265.00	124,894.00	23.65
Totals	8,060,838 18	1,852,344.80	350.83

The above includes only contracts completed prior to June 30, 1880.

#### STREET OPENINGS.

The following work was done during the quarter under the supervision of this Bureau:
6,960 openings were made to repair all mains other than Croton water-mains, and to make repairs of and connections for gas, steam, water, sewers and electric-lights and subways.

1,943 notices were sent to corporations and others to repair bad pavement over their openings.
1,969 bad places in the pavement were repaired in compliance with the above notices.
1,021 miles of gas-mains were laid.
228 miles of subways were laid.

1,476 linear feet of salt water-mains were laid.
11,400 linear feet of approved new style of rails for surface railroad tracks were laid.

Yours respectfully,

WM. H. BURKE, Water Purveyor.

### Document "F."

### REPORT OF ENGINEER IN CHARGE OF SEWERS.

DEPARTMENT OF PUBLIC WORKS, OFFICE OF ENGINEER IN CHARGE OF SEWERS, No. 31 Chambers Street, Room 9, New York, July 2, 1889.

Hon. THOMAS F. GILROY, Commissioner of Public Works:

DEAR SIR-In compliance with your instructions, I hand you herewith my report of the transactions of this office for the quarter ending June 30, 1889:

5,168 linear feet of new sewers and 2 receiving basins have been built, making the present total length of the sewerage of the city 2,275,821 linear feet (431 1 0 miles), with 5,179 receivingbasins

Sewer in Lexington avenue, between Seventy-fourth and Seventy-fifth streets. Sewer in Eighty-eighth street, between West End avenue and Boulevard. Sewer in Ninetieth street, between Ninth and Tenth avenues (extension).

Sewer in Manhattan avenue, between One Hundred and Sixth and One Hundred and Tenth

streets (repairs).

Sewer in Fifty-third street, at Tenth avenue (alterations and improvements).

Sewer in Twenty-second street, between First and Third avenues (alterations and improvements). Sewer in Eldridge street, between Grand and Broome streets.

Sewer in Tenth avenue, between Seventy-seventh and Eighty-first streets (alterations and improvements).

Sewer in Fourth avenue, west side, between Ninety-ninth and One Hundred and Third streets. Sewer in One Hundred and Sixty-fifth street, between Tenth avenue and Edgecombe road. Sewer in Tenth avenue, east side, between One Hundred and Forty-seventh and One Hundred

and Forty-ninth streets, etc.

Receiving-basin, northwest corner One Hundred and Forty-third street and Eighth avenue.

Receiving-basin northeast corner One Hundred and Thirty-third street and Seventh avenue.

There are now in progress contracts for 26 sewers.

764 basins and 32,932 linear feet of sewer have been cleaned.

Yours, respectfully,

HORACE LOOMIS, Engineer in Charge of Sewers.

REPORT OF THE TRANSACTIONS OF THE OFFICE OF THE ENGINEER IN CHARG FOR THE QUARTER ENDING JUNE 30, 1889.	e of Sewers
Credit to General Fund— Amount received for 354 permits for sewer connections	\$8,368 92
Amount recorred for 334 berming for as and compensation of the state o	ψ0,300 92
Engineers' Fees— Amount of Engineers' fees assessed on property benefited, and charged to Street Improvement Fund	\$2,942 27
Sewers - Repairing and Cleaning -	5.100.00
Vouchers transmitted to the Commissioner of Public Works—	\$143,498 12
Pay-roll of Laborers, etc	
Repairs and Cleaning (under \$1,000)	
Materials and sundries 5,809 71	
Balance on hand, June 30, 1889 106,365 79	*** *** **
	143,498 12
Sewers-Repairing and Cleaning for 1888-	
Balance on hand, March 31, 1889	\$10,334 63
Contracts	
Balance on hand, June 30, 1889 2,131 30	
	10,334 63
Salaries—Sewers—Repairing and Cleaning—	
Balance on hand March 31, 1889	\$7,530 02
Pay-rolls of Inspectors, etc	
Balance on hand, June 30, 1889 5,060 04	
	7,530 02
Salaries—Sewerage System—	
Balance on hand March 31, 1889	\$12,641 29
Pay-rolls of Engineers, etc	
Balance on hand, June 30, 1889 9,057 12	
	12,641 29
Salaries-Surveys, Maps, etc., for Street Openings and New Streets-	
Balance on hand March 31, 1880,	\$8,322 11
Vouchers transmitted to the Commissioner of Public Works—	
Pay rolls of Draughtsmen etc \$2.742.64	

Pay-rolls of Draughtsmen, etc.
Balance on hand, June 30, 1889

Boring Examinations for Grading and Sewer Contracts— Balance on hand March 31, 1889.  Vouchers transmitted to the Commissioner of Public Works—		\$2,686 0
Pay-rolls of Axemen, etc	\$1,004 00 1,682 00	2,686 0
Restoring and Repaving—Special Fund— Amount received for permits for street openings	=	\$7,018 5
Street Improvement Fund— Vouchers transmitted to the Commissioner of Public Works—	=	
Pay-rolls of Engineers, etc	\$13,498 81 77,066 54	
		\$90,565 3
Work done by Mechanics and Laborers, etc.—	_	
111 receiving-basins and culverts relieved.		
764 receiving-basins and culverts cleaned. 32,932 lineal feet of sewer cleaned.		
1,175 lineal feet of sewer relieved.		
146 lineal feet of sewer rebuilt.		
176 lineal feet of sewer repaired.		
175 lineal feet of new sewer built.		
48 lineal feet of new culvert built.		
140 lineal feet of spur-pipe laid. 131 lineal feet of new curb set.		
252 lineal feet of tile bottom built.		
a manisima kautaa manisa 1		

7 receiving-basins repaired.
10 receiving-basin heads reset.
37 new basin heads and covers put on.
18 new basin covers put on. 3 new manholes built. 24 new manhole heads and covers put on.

26 new manhole covers put on. 149 manhole heads reset.

149 mannole neads reset.
125 square feet of rip-rap wall built.
299 square feet brickwork built.
745 square feet of flagging relaid.
369 square yards of pavement relaid.
342 cubic yards of earth excavated and refilled.
2,121 cart-loads of dirt removed.

#### Document "G."

### REPORT OF THE SUPERINTENDENT OF STREET IMPROVEMENTS.

DEPARTMENT OF PUBLIC WORKS,
BUREAU OF STREET IMPROVEMENTS, ROOM 5, No. 31 CHAMBERS STREET,
NEW YORK, July 1, 1889.

Hon. THOMAS F. GILROY, Commissioner of Public Works;

Sir-In compliance with your instructions, I have the honor to submit herewith my report of the transactions of the Bureau of Street Improvements for the quarter ending June 30, 1889.

On the commencement of the quarter 32 contracts were in existence, 12 new contracts were entered during the quarter and 15 contracts have been finished, leaving 29 contracts on July I unfinished. 5 contracts have been completed, but the final examinations have not yet been completed with the street of the s pleted, viz.

Regulating, grading, etc., Twelfth avenue, from One Hundred and Thirty-third to One Hundred and Thirty-fifth street.

Regulating, grading, etc., Eighty-seventh street, from West End avenue to Riverside Drive. Regulating, grading, etc., One Hundred and Fortieth street, from Tenth avenue to Boulevard. Flagging, etc., One Hundred and Eighteenth street, from Fifth to Lenox avenue. Flagging, etc., west side of Eighth avenue, from One Hundred and Twelfth to One Hundred and Thirteenth street.

The following are the most important unfinished contracts:

Kingsbridge road, from One Hundred and Ninetieth street to Harlem river—
Since the commencement of the work (July, 1887), 11,000 yards of earth excavation, 26,000
yards of rock excavation, 55,000 yards of filling and 1,350 feet of culvert have been done.
It will take yet one year to complete this contract.

Edgecombe avenue, from One Hundred and Forty-fifth street to St. Nicholas place—
This work was commenced in November, 1886, and the following amount of work has been done to date: 8,500 yards of earth excavation, 36,950 yards of rock excavation, 31,000 yards of filling finished, 22,675 yards of retaining wall, 2,185 feet of drain-pipe laid. This avenue will take about six months to complete.

First new avenue west of Eighth avenue, from One Hundred and Forty-fifth to One Hundred and

8,322 11

Fitty-fifth street—
Work was commenced on this contract November, 1886, and 96,400 yards of filling have been placed on the avenue; it requires yet about 5,000 yards of filling to finish the same. The contractor has commenced the setting of curb-stones. The work should be finished in about two months.

four months.

Fifth avenue, from One Hundred and Thirty-eighth street to Harlem river—
Work on this avenue was commenced in January of this year, and the contractor has placed so far 37,000 yards in the embankment. I expect the work to be finished in about three to

Forty-ninth street retaining-wall, from First avenue to Beekman place— This work I expect to be completed in about three to four weeks.

Ninety-second street, from Boulevard to Riverside Drive-

This contract was commenced in June, 1888, and 7,300 yards of earth and 14,800 yards of rock have been removed. It will take about three months to complete the work.

One Hundred and Sixth street, from Boulevard to Riverside Drive—
4,000 yards of earth and 3,600 yards of rock have been taken out of this street. The contract is a heavy rock cut, and it will take six to eight months to complete the same.

One Hundred and Seventh street, from West End avenue to Riverside Drive, One Hundred and Twenty-fourth street, from Ninth to Tenth avenue, One Hundred and Forty-eighth street, from Eighth to New avenue, One Hundred and Seventieth street, from Tenth to Eleventh These four contracts are very near completion.

One Hundred and Ninth street, from Eighth to Manhattan avenue— This is a heavy fill contract and will be completed in about four months.

Work on the following contracts is being prosecuted with great vigor, viz. :

Ninety-first street, from Tenth to Ninth avenue.

One Hundred and Forty-seventh street, from Tenth avenue to Boulevard.
One Hundred and Forty-seventh street, from Eighth avenue to Harlem river.
One Hundred and Sixty-sixth street, from Tenth to Eleventh avenue.
One Hundred and Eighty-first street, from Tenth to Eleventh avenue.

Respectfully submitted,

W. M. DEAN, Superintendent of Street Improvements.

STATEMENT OF THE AMOUNT OF WORK DONE DURING THE QUARTER ENDING	IUNE 20 1880
Earth excavation	
Curb-stones setlinear fo	eet. 5,812 54
" reset "	2,32623
Flagging laidsquare f	feet. 68,224 8
" relaid	6,729 60
6-inch drain-pipe laid	et. 250

On account of — Street Improvement Fund. Street Improvements—For Surveying, Monumenting and Numbering Streets Flagging Sidewalks and Fencing Vacant Lots in front of City Property. Contingencies of Department of Public Works. Repairs and Renewal of Pavements and Regrading.	262 10	One Hundred and Seventeenth street, Eighth to Ninth avenue One Hundred and Forty-third street, Tenth avenue to Boulevard	\$3,222 48 4,307 II 3,423 9I	\$10,953 50
Total		West side Park avenue, One Hundred and Thirteenth to One Hundred and Fourteenth street	\$270 96	
Amount of vouchers drawn during first quarter \$262 50 Amount of vouchers drawn during first quarter \$262 50 Amount of vouchers drawn during second quarter \$262 50 Outstanding liabilities 615 50 Balance (estimated). 859 50	\$2,000 00	East side Fifth avenue, Eightieth to Eighty-first street	796 61 309 56 525 71 1,052 74 516 96 1,664 66	
Contingencies of Department of Public Works— Amount of vouchers drawn.	\$286 50		319 62 7,103 50 1,395 53	
Flagging Sidewalks and Fencing Vacant Lots in front of City Property	\$6,000 00 6,000 00	Fencing vacant lots— South side Seventy-seventh street, Madison to Park avenue	187 49	14,143 34
Repairs and Renewal of Pavements and Regrading— Amount of voucher drawn	\$96 50	Total	-	

Statement showing Works under Contract in Bureau of Street Improvements on the 30th day of June, 1889.

LOCATION OF WORK.	Contractor,	Surveyor.	Inspector.	CONTRACT TIME.	ESTIMATED COST.	Amount Earned.	AMOUNT RETAINED.	AMOUNT PAID.	REMARKS.
Regulating, Grading, Curbing, Flagging and Retaining Walls.									
Street Improvement Fund- Kingsbridge road, One Hundred and Ninetieth street to Harlem									
river	B. F. Coleman	J. McI. Smith	William J. Girvan	300 days.	\$204,990 00	\$76,950 00	\$23,085 00	\$53,865 00	
Edgecombe avenue, One Hundred and Forty-fifth street to St. Nicholas place	John F. Dawson	J. McI. Smith	Leander Buck	300 "	86,826 06	146,757 75	44,027 32	146,757 75	
Lenox avenue, One Hundred and Eleventh to One Hundred and Forty-third street	Thomas J. Dunn	M. A. Lacy	F. G. Fay	26 **	5,094 74				
First new avenue, One Hundred and Forty-fifth to One Hundred and Fifty-fifth street.	William J. Kelly	J. McI. Smith	J. R. Mount	500 **	55,120 00	45,308 00	13,592 40	31,715 60	
Fifth avenue, One Hundred and Thirty-eighth street to Harlem					18,817 24				Const.
		Frank E. Towle			7,587 20				Work completed but not yet accepted.
Forty-ninth street, First avenue to Beekman place	John J. Rogers	J. R. Wardlaw	P. Kelly	90 "	13.774 10	13,040 60	3,912 18	9,128 42	
Eighty-seventh street, West End avenue to Riverside Drive	John B. Devlin	W. H. McDonough	***************************************	60 "	6,249 10	4,611 00	1,383 30	3,227 70	Work completed but not yet accepted.
Eighty-ninth and Ninetieth streets, Second to Third avenue				9 "	1,368 50		*********		100000000000000000000000000000000000000
Ninety-first street, Ninth to Tenth avenue	I. I. Farley	W. H. McDonough	R. V. Davis	300 "	13,292 10 40,018 36	3,311 36	993 40 6,645 00	2,317 96 15,505 00	
Ninety-fourth street, First to Second avenue One Hundred and Sixth street, Boulevard to Riverside Drive	J. T. McDonald	Frank E. Towle	G. Stebbins	17 "	2,910 46 22,360 35	5,128 00	1,538 40	3,589 60	
One Hundred and Seventh street, West End avenue to Riverside Drive					5,692 40	3,100 00	930 00	2,170 00	
One Hundred and Ninth street, Eighth to Manhattan avenue One Hundred and Twenty-fourth street, Ninth to Tenth avenue	J. J. Farley	Thomas J. Slator	J. McShane	40 "	4,084 08	*********		*********	
One Hundred and Twenty-fourth street, Ninth to Tenth avenue  One Hundred and Fortieth street, Tenth avenue to Boulevard	J. Phelan	M. A. Lacy W. H. McDonough	M. Neary	150 "	3,850 28 8,728 95	6,932 55	2,079 77	4,852 78	Work completed but not
One Hundred and Forty-seventh street, Tenth avenue to Boulevard					15,576 52	5,522 50	1,656 75	3,865 75	yet accepted.
One Hundred and Forty-seventh street, Eighth avenue to Harlem									
one Hundred and Forty-eighth street, Eighth to New avenue	L. I. Hopper	Robert L. Waters	D. Simmons		14,228 13 3,154 24	4,502 00	1,350 60	3,151 40	
One Hundred and Sixty-sixth street, Tenth to Eleventh avenue	F. Thielemann, Jr	Frank E. Towle	Thomas W. Gibbons	250 "	8,833 75	*********			
One Hundred and Seventieth street, Tenth to Eleventh avenue  One Hundred and Eighty-first street, Tenth to Eleventh avenue	W. G. Leeson	M. A. Lacy Robert L. Waters	S. Bennett	130 "	9,278 28	7,169 50	2,150 85	5,018 65	
Special Contracts.									
flagging, etc.—									
East side Lenox avenue, One Hundred and Forty-third to One Hundred and Forty-sixth street	P. H. Kerwin	F. E. Towle	D. O'Connor	10 11	50 08	********			
West side Eighth avenue, One Hundred and Twelfth to One Hundred and Thirteenth street.	P. H. Kerwin	G. M. Root		10 "	131 29				Work completed but not
South side Eighty-third street, Ninth to Tenth avenue	P. H. Kerwin	W. H. Bostwick	000000000000000000000000000000000000000	10 44	685 76				Work suspended.
One Hundred and Eighteenth street, Fifth to Lenox avenue	P. H. Kerwin	M. A. Lacy		7 "	375 40		,,,,,,,,,,		Work completed but not yet accepted.
Pencing Vacant Lots—									yet accepted.
One Hundred and Seventh and One Hundred and Eighth streets, Eighth to Manhattan avenue	Bernard A. Roth	Robert L. Waters		10 "	592 00	********			Work not yet commenced.
Flagging Sidewalks and Fencing Vacant Lots in front of City Property.									
Centre, Broome, Centre Market place and Grand streets	W. H. Hornidge	Charles H. Bull	B. Martin	8 "	1,114 25			*********	
				m i	\$568,930 87				

### Document "H."

### REPORT OF THE SUPERINTENDENT OF STREETS.

DEPARTMENT OF PUBLIC WORKS,
BUREAU OF STREETS AND ROADS, ROOM 12, No. 31 CHAMBERS STREET,
NEW YORK, June 29, 1889.

THOMAS F. GILROY, Esq., Commissioner of Public Works:

SIR-In compliance with your instructions, I herewith submit the following report of work Sir.—In compliance with your instructions, I herewith submit the following report of work done and material used; also, the amount expended from the various appropriations under the charge of this Bureau, viz.: For "Boulevards, Roads and Avenues, Maintenance of," "Roads, Streets and Avenues Unpaved, Maintenance of and Sprinkling," and "Boulevards, Roads and Avenues, Maintenance of—Salaries"; also, the amount drawn against the Street Improvement Fund for the quarter ending June 30, 1889.

There are now in charge of the Bureau 23.78 miles equal to 867,762 square yards of macadam pavement. Many of the roadways were constructed over twenty years ago, and were never calculated to bear the continuous and heavy traffic to which at the present day they are subjected. At the time of their construction, there were vary few buildings greated

macadam pavement. Many of the roadways were constructed over twenty years ago, and were never calculated to bear the continuous and heavy traffic to which at the present day they are subjected. At the time of their construction, there were very few buildings erected on the line or in the immediate vicinity of avenues that have of recent years become the main line of traffic. The extensive building operations during the past few years have to a great extent been the cause of the increased heavy trucking, the drivers of such vehicles preferring this class of road to the stone pavement, which causes rapid and serious wear to the wheelways. As an instance, upward of 12,000 vehicles pass over Seventh avenue alone on a pleasant day either in the spring or fall. The actual account taken in November, 1886 for 70 hours showed that about 60,000 vehicles passed over Seventh avenue at One Hundred and Twenty-fifth street. Macadam roadways are not calculated to stand this strain and, as the result proves, Sixth and Seventh avenues begin to show serious breaks in the pavements. I have given directions to the Foreman in charge to make the necessary repairs as soon as the material which has been ordered is received. But a short time must elapse when these avenues will require entire resurfacing. Most of the important driveways have been covered during the quarter with new gravel and are now in excellent condition. The Boulevard requires considerable repairs, and it is my judgment that this thoroughfare, between Fifty-ninth and One Hundred and Tenth streets, should be paved with block pavement. First avenue, between Fifty-seventh and Eighty-sixth streets, should also be paved with block pavement, this avenue being almost exclusively used for heavy trucking. One Hundred and Twenty-fourth street, between Pleasant and Fifth avenues, would also be improved by block pavement as the travel in the street does not warrant the continuance of macadam pavement. St. Nicholas avenue is in very fine condition, new gravel having been spread ov

be planted. The longer this work is delayed the greater will be the difference in size, thus destroying uniformity and to a great extent the beauty of the avenues. Additional receiving-basins should be constructed in nearly all the flat roadways, as the means are not at present sufficient to adequately drain the same.

Respectfully, GEO. E. BABCOCK, Superintendent of Streets.

The following statement shows the amount and class of work done on "Boulevards, Roads and Avenues—Maintenance" during the quarter ending June 30, 1889: Gutters cleaned
Roadway repaired with gravel
Gravel bank screenings spread
Macadam pavement repaired
Lime-stone screenings spread
Sidewalks cleaned
Block pavement relaid 90,195 23.602 66 346,912 6,133 Bridge-stone relaid.... 32 square feet. Bridge-stone relaid
Flagging relaid
Curb reset
Gutter-stone relaid
Trees cultivated
Trees trimmed
Basins cleaned
Places repaired on sidewalks
In making the above repairs the following material was used:
Broken stone.
Trap-rock screenings.
Gravel bank screenings. 29,517 " 50 lineal feet. 583 truck-loads. Gravel bank screenings
Gravel
Telford
Sweepings
Lime-stone screenings
Dirt.
Stone 30 44 There were also 998 loads of gravel bank screenings hauled and rehandled by employees of the

The following material was removed from the macadamized roadways: Dirt. 4,120 truck-loads. Stone.

Basin dirt.

—861 truck-loads of dirt were deposited on the Street Cleaning Department scows.

All of the macadamized roadways have been sprinkled during the quarter as thoroughly as

There were used for this purpose 35,276 loads or barrels of water equivalent to 19,405,928

The following statement shows the work done at the Repair Yards:
The following sprinklers have been repaired and painted, Nos. 1, 4, 3, 6, 12, 19, 20, 21, 22, 23,

25, 26, 28 and 29.
The following have been repaired but not entirely painted, Nos. 2, 5, 9, 10, 11, 14, 15, 17, 18,

27, 30, 31, 32 and 33.

One horse sprinkler, No. 1.

The following hand carts have been painted and repaired, Nos. 4, 8 and 12.

Repaired but not painted, Nos. 1, 3 and 9.

Tool carts, Nos. 1 and 9 were repaired and painted.

Repairs were made to one two-horse road-roller.

In addition to the above the following miscellaneous work was done to

Repairs were made to one two-horse road-roller.

In addition to the above the following miscellaneous work was done:

3 road scrapers repaired; 43 wagon-poles were painted; 1 set wagon wheels painted; 12 hydrant wrenches made; 10 new crooks made; 14 sets of whiffletrees painted; 53 wagon signs made and painted; 3 sets of whiffletrees made, not painted; 19 wrench boxes painted; 11 hose and crooks repaired; 1,656 picks sharpened; 64 grubs sharpened; steeled and sharpened 35 picks; 7 grubs steeled; sharpened 45 crow-bars; steeled 4 crow-bars; sharpened 18 chisels, points and wedges; made 30 staple furrils; made 16 iron bands for same; 1 new wheel jack.

The following material was used in making the repairs:
294 bolts; 108 feet of new hose; 50 feet iron-pipe; 40 spokes; 4 pair rims; 1 hub, 450 pounds iron; 60 pounds steel; 135 feet oak; 26 spruce boards, 5 joists; 40 feet pine; 60 feet white wood; 210 pounds of white lead; 44 pounds vermilion red; 15 pounds of Indian red; 14 pounds ivory black; 40 pounds putty; 5½ gallons varnish; 9½ gallons turpentine; 7 gallons boiled oil; 4 gallons Japan; 4 gallons raw oil; 2 new centrifugal sprinklers have been purchased and added to the plant, all of which is now in good working condition.

Dangerous or sunken places have been repaired on unpaved streets with sweepings from the

Dangerous or sunken places have been repaired on unpaved streets with sweepings from the macadamized roadways:
One Hundred and Eighteenth street, between Sixth and Seventh avenues.

One Hundred and Eignteenth street, between Sixth and Seventh avenues. Pleasant avenue at One Hundred and Fifteenth street.

One Hundred and Seventeenth street, between Madison and Fifth avenues.

One Hundred and Fourteenth street, between Madison and Fourth avenues.

One Hundred and First street, between Madison and Fourth avenues.

One Hundred and Seventh street, between Madison and Fourth avenues.

One Hundred and Seventh street, between Madison and Forth avenues.

One Hundred and Seventh street, between Madison and Fifth avenues.

One Hundred and Eighteenth street, between Madison and Fifth avenues.

Nimety-sixth street and Madison avenue.

Eighty-eighth street, between Tenth avenue and Boulevard.

One Hundred and Twenty-sixth street, between Ninth and St. Nicholas avenues.

Edgecombe avenue, between One Hundred and Thirty-eighth and One Hundred and Forty-streets.

New avenue, between One Hundred and Fortieth and One Hundred and Forty-first street.

Ninety-fifth street, between Tenth avenue and Boulevard.
One Hundred and Fifteenth street, between Boulevard and Riverside Drive.
Ninety-first street, between Tenth avenue and Boulevard.

Eighty-ninth street, between Tenth avenue and Boulevard. Ninetieth street, between Tenth avenue and Boulevard.

One Hundred and Forty-sixth street, between Tenth avenue and Boulevard.

Tenth avenue, between One Hundred and Forty-fourth and One Hundred and Forty-sixth

Eightieth street, between Tenth avenue and Boulevard. Eighty-fifth street, between Boulevard and Tenth avenue.

Ninety-eighth street, between Tenth avenue and Boulevard. One Hundred and Thirty-second street, between Broadway and Boulevard.

One Hundred and Thirtieth street, between St. Nicholas and Eighth avenue. Eighty-seventh street, between Tenth avenue and Boulevard.

Ninety-third street, between Tenth avenue and Boulevard.

In making the above repairs 1,300 truck-loads of sweepings were used.

Repairs have been made to the pavement over 17 sewer and 4 water connections.

The following material was used:

Trap-rock 29 cart-loads,
Telford 90 "
Trap-rock screenings 18 "
Spawls 10 "
Sand 19 "
Dirt removed 47 "

Unpaved Streets.

Unpaved Streets.

The unpaved streets in charge of this Bureau embrace about 41 miles, exclusive of 2½ miles of country roads—about 1.41 of the latter being partially macadamized, the macadam amounting to about 12,308 square yards—and are embraced in the territory between Forty-first street in the south, Kingsbridge road on the north, Hudson river on the west, Harlem and East rivers on the east. The appropriation for the purpose of maintaining these roadways is inadequate; it appearing to be an assumed fact that people claim the undisputed right to use these thoroughfares for public dumps, in order that those desiring to dispose of surplus material may save time and money by dropping the material on the unpaved streets, instead of carting it to public dumps. One of the great expenses incurred and paid for from this appropriation is the disposal of the material mentioned. I have now a gang employed in Eighty-fifth street, between the Boulevard and Tenth avenue, which was sent there for the purpose of leveling off material of which there are about 100 loads, placed there by parties unpermitted and unknown. This is not the only case; there are many of them. I have succeeded in making several arrests and convictions during my term of office, with but scarcely any good results; and just as long as this practice is permitted so long may the people of this City expect to appropriate large sums of money to keep the streets in passable condition. During the past quarter especial attention has been paid to regulating and regrading the streets most requiring attention, of which 4,100 miles have been completed. The carpenters are now at work on the necessary timber for a fence on the northerly and southerly sides of Farmer's Bridge road, the necessity for which has long existed to this most dangerous place. I would also recommend that a fence be erected, where required, on the Boulevard north of One Hundred and Fifty-eighth street, sometimes called the French Boulevard; running as this road does along the edge of the bluff

The following streets and avenues have been regraded and gutters opened:

Ninetieth street, between Tenth avenue and the Boulevard.

Ninetieth street, between Tenth avenue and the Boulevard.
Ninety-first street, between Tenth avenue and the Boulevard.
One Hundred and Fifty-third street, between Seventh avenue and McComb's Dam road.
Ninety-third street, between Tenth avenue and Riverside Drive.
One Hundred and First street, between Fourth and Madison avenues.
One Hundred and Third street, between Fifth and Madison avenues.
One Hundred and Thirtieth street, between Tenth avenue and Boulevard.
Ninety-seventh street, between Tenth avenue and Riverside Drive.
Ninety-sixth street, between Eighth avenue and Boulevard.
One Hundred and Fourth street, between Madison and Fifth avenues.
One Hundred and Fifty-fifth street, between Fighth and New avenues.

One Hundred and Fifty-fifth street, between Eighth and New avenues. Eightieth street, between Tenth avenue and Riverside Drive.

Eightieth street, between Tenth avenue and Riverside Drive.

Hamilton place, between One Hundred and Fortieth and One Hundred and Forty-third streets. Ninety-fifth street, between West End avenue and Riverside Drive.

Eightieth street, between West End avenue and Riverside Drive.

Madison avenue, between Ninety-fourth and One Hundred and Third streets.

One Hundred and First street, between Boulevard and Riverside Drive.

One Hundred and Thirty-seventh street, between Fifth and Sixth avenues.

One Hundred and Sixth street, between Fifth and Madison avenues.

Pleasant avenue, between One Hundred and Sixteenth and One Hundred and Nineteenth

Ninety-fourth street, between Tenth avenue and Boulevard.

Ninety-fifth street, between Fifth and Madison avenues.

One Hundred and Fifty-second street, between summit west of Boulevard and Railroad avenue.

One Hundred and Second street, between West End avenue and Riverside Drive.

Ninety-eighth street, between Fifth and Madison avenues.

One Hundred and Forty-second street, between Tenth avenue and Boulevard.

Ninety-eighth street, between Fifth and Madison avenues.

One Hundred and Fifty fourth street, between Boulevard and Riverside Drive.

One Hundred and Fifty fourth street between Fighth and Coorgan avenues.

One Hundred and Fifty-fourth street, between Eighth and Coogan avenues.

One Hundred and Thirty-sixth street, between Fifth and Eighth avenues.

One Hundred and Forty-first street, between Tenth avenue and Boulevard.

One Hundred and Fifty-fourth street, between Eighth avenue and McComb's Dam road.

One Hundredth street, between Madison and Fifth avenues.

Eighty-fifth street, between Boulevard and West End avenues.

Ninety-fifth street, between Eighth and Ninth avenues.

One Hundred and Thirty-fifth street, between Madison and Fourth avenues.

There were used for this purpose 2,156 truck-loads of dirt and 142 truck-loads of stone, 657 ds of cinders which were obtained free of cost.

Repairs were made to dangerous places, etc., on the following streets:
Madison avenue at One Hundred and First street.
One Hundred and Thirty-fourth street, between Park and Madison avenues.
Fort George road, between Tenth and Eleventh avenues.

Boulevard north of One Hundred and Eleventh avenues.
Boulevard north of One Hundred and Fifty-eighth street.
One Hundred and Fifty-eighth street and Fourth avenue.
One Hundred and Fifty-eighth street, between Tenth avenue and Riverside Drive.
One Hundred and Forty-ninth street and Seventh avenue.
Eighty-fifth street and West End avenue.
Eighty-fifth street and West End avenue.
Eleventh avenue, between One Hundred and Seventy-fifth and One Hundred and Eighty-sixth

One Hundred and Eighty-fifth street near Kingsbridge road.
One Hundred and Fifty-sixth street, between Tenth and Eleventh avenues.
One Hundred and Seventy-fifth street and Eleventh avenue.
One Hundred and Thirty-sixth street near Seventh avenue.

Madison avenue at Ninety-ninth street.

Ninety-first street, between Tenth avenue and Boulevard.

Ninety-fourth street, between Boulevard and Riverside Drive.

Madison avenue, between Ninety-fifth and One Hundred and Third streets.

Fightight, street, and Wast Field around.

Madison avenue, between Ninety-fifth and One Hundred and Third streets. Eightieth street and West End avenue.
One Hundred and Twenty-fifth street, between Tenth avenue and Boulevard. Ninety-sixth street, between Madison and Fifth avenues.
One Hundred and Thirty-sixth street, between Fifth and Eighth avenues.
Ninety-third street, between Tenth and West End avenues.
One Hundredth street, between Fifth and Madison avenues.
Eightieth street, between Boulevard and Tenth avenue.
One Hundred and First street and Madison avenue.
There were used for this purpose 208 truck loads of stone and 207 truck loads.

There were used for this purpose 208 truck-loads of stone and 207 truck-loads of dirt; 35 truck-loads of surplus dirt were removed and used where required.

The following miscellaneous work was done:

Drain built across Kingsbridge road at One Hundred and Sixty-fourth street, about 70 lineal feet.

15 feet of curb reset at One Hundred and Forty-ninth street near Seventh avenue.

Flagging removed in Kingsbridge road, from One Hundred and Seventy-eighth to One Hundred and Eighty-fifth street, 6,316 square feet.

Flagging reset at One Hundred and Forty-ninth street near Seventh avenue and Ninety-fourth street, between Tenth avenue and Boulevard, 180 square feet.

Macadam repaired in One Hundred and Fifty-eighth street, between Eleventh avenue and Hudson river, 402 square vards.

Hudson river, 402 square yards.

Lime-stone screenings spread in One Hundred and Fifty eighth street, between Eleventh avenue

and Hudson river, 1,333 square yards.

Barry's Hill resurfaced with gneiss stone and lime-stone screenings, 117 square yards.

Hamilton place, between One Hundred and Fortieth and One Hundred and Forty-third streets,

and the unpaved streets in this vicinity have been sprinkled during the latter part of the quarter.

For this purpose 618 barrels or loads of water have been used, which is equivalent to 278,100 gallons.

The following is a statement of the various appropriations under charge of the Bureau of 

Amount transmitted during the second quarter of 1889, from the appropriation of 1888.

Balance June 30, 1889..... 

Balance March 31, 1889 ..... \$89,048 72

Balance March 31, 1889

Amount transmitted during the second quarter ending June 30, 1889, is as follows:
Pay-roll, Laborers, etc., ending March 31, 1889. \$2,784 50

"April 15, " 32,99 25

"May 15, " 39,971 15

"June 15, " 4,298 00

Hardware 26 22

Elm-trees 150 00

Repairs to sprinkler. 28 30

Telephone service 33 75

Use of horse 180 00

Rental of yard 999 00

Paints, etc. 91

Paints, etc.
Gravel bank and lime stone-screenings. Sprinkling attachments.....

Roads, Streets and Avenues Unpaved, Maintenance of, and Sprinkling, 1889.....

Amount transmitted during the first quarter ending March 31, 1889..... Balance March 31, 1889.....

936 37 824 94 904 09 993 25 929 50

June 5,495 15 \$15,292 77

30,867 60 \$58,181 12

624 99

\$176 00

The following is a statement of the various appropriations, Boulevards, Roads and Avenues, Maintenance of—Salaries:

Balance, April 1, 1889..... \$1,875 01

\$208 33 208 33 208 33

Balance, June 30, 1889.....

The following is the amount received during the quarter ending June 30, 1889, for use of road-roller and sprinkling wagon and deposited to the credit of the General Fund.....

The following amount has been transmitted during the quarter ending June 30, 1889, and Contractors, final payment—Crosswalks

Restoring and Repaying—Special Fund—Pay-roll \$242 68 1,300 18 406 75

### Document "I."

### REPORT OF THE SUPERINTENDENT OF LAMPS AND GAS.

DEPARTMENT OF PUBLIC WORKS—BUREAU OF LAMPS AND GAS, ROOM 11, No. 31 CHAMBERS STREET, NEW YORK, July 5, 1889.

Hon. THOMAS F. GILROY, Commissioner of Public Works:

SIR-Herein I submit a report of the transactions of the Bureau of Lamps and Gas for the

quarter ending June 30, 1889:

In Exhibit "A" will be found a statement showing the amounts expended for gas to the various public markets, offices, armories, etc., and for fitting up, lighting and maintenance of the

public lamps.

Exhibit "B" is a summary of the appropriation for "Lamps and Gas and Electric Lighting," showing an expenditure during the quarter of one hundred and seventy-six thousand three hundred and thirty-eight dollars and fifty-six cents (\$176,338.56), with liabilities amounting to sixty-nine thousand four hundred and ninety-one dollars and twelve cents (\$59,491.12), leaving an available balance of three hundred and fifty-five thousand and sixty-two dollars and sixty-four cents

The following is the specific gravity of the gases

balance of three hundred and fifty-five thousand and sixty-two dollars and sixty-four cents (\$355,062.64).

Exhibit "C" is a summary of the appropriation for "Lamps and Gas and Electric Lighting—Salaries," showing an expenditure during the quarter of fifteen hundred and forty-one dollars and sixty-two cents (\$1,541.62), leaving an available balance of thirty-three hundred and thirty-three dollars and forty-three cents (\$3,333.43).

Exhibit "D" is a summary of the "Lamp Account," showing the number of new lamps lighted, old lamps relighted and lamps discontinued by each gas and electric-light company during the quarter; a total of one hundred and thirty-five new gas-lamps having been fitted-up and lighted, eight hundred and sixty-eight gas-lamps relighted, sixteen electric-lamps relighted, two hundred and thirteen gas-lamps discontinued, and one hundred and fifty-seven electric-lamps discontinued on account of cutting the wires. The net increase of the public lamps during the quarter was six hundred and forty-nine.

Exhibit "E" is a statement showing the lowest, highest and average illuminating power of the gases supplied to the city by the several gas companies within reach of our photometrical stations.

The following statement will show the average amount of impurities found in the gases of the

The following statement will show the average amount of impurities found in the gases of the several gas companies, as determined by the analyses made by E. G. Love, Ph. D., the Gas Examiner, at the laboratories of this Department:

OF WHAT COMPANY.	SULPHUR. (Grs. in 100 cu. ft.)	Ammonia. (Grs. in 100 cu, ft.)	SULPHURETED Hydrogen.
Consolidated Gas Co.—			
Branch 1	5,20	0.71	None.
Branch 2	11.75	7.99	44.
Branch 3	6.33	0.30	**
Branch 4	21.40	29.57	**
Branch 6	4.15	0.70	- **
New York Mutual Gas-light Co	6.67	0.19	Trace.
Equitable Gas-light Co	7.19	0.16	None.

Branch 1, spe	cific grav	vity	 	
Branch 2,	4.6			
Branch 3,			 	
Branch 4.	4.6			
Branch 6.	44			

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

OF WHAT COMPANY.	Average Maximum Pressure.	AVERAGE MINIMUM PRESSURE.	WHERE TAKEN.	DISTANCE FROM GAS-WORKS.
Consolidated Gas Co.—	Inches.	Inches.		Miles.
Branch t	1.96	1.92	Cor. of Grand street and Bowery	. 186 100
Branch 2	2.64	1.45	** "	1,68
Branch 3	2.71	1.71	**	3184
Branch 4	1.79	0.97	(Seventy-ninth street, between) Second and Third avenues.	3100
Branch 6	2,99	1+53	Seventy-ninth street, between Second and Third avenues.	1780
New York Mutual Gas-light Co	3.18	2.05	Cor. of Grand street and Bowery	1 61
Equitable Gas-light Co	2.96	1,64		279

Contracts for lighting the public gas-lamps, from May 1, 1889, to April 30, 1890, have been executed, as follows

Equitable Gas-light Co	\$12	00	per year	for each lamp.
Consolidated Gas Co	17	50	* 46	**
N. Y. Mutual Gas-light Co	17	50	44	44
Central Gas-light Co	27	00	66	44
Northern Gas-light Co	28	00	44	46
Yonkers Gas-light Co				44
N. Y. and N. J. Globe Gas-light Co	23	00	**	44

The prices paid during the preceding year were as follows: 

 Equitable Gas-light Co.
 \$12 00 per year for each lamp.

 Consolidated Gas Co.
 17 50 " "

 N. Y. Mutual Gas-light Co.
 17 50 " "

 Central Gas-light Co.
 28 00 " "

 Northern Gas-light Co.
 29 00 " "

 Vanleys Gas-light Co.
 20 00 " "

Yonkers Gas-light Co. 29 00 ......... \*\* Proposals for electric-lighting were received on March 27, rejected by the Gas Commission on June 17, and new bids asked for to be received on July 2.

Yours, respectfully,

S. McCORMICK, Superintendent of Lamps and Gas.

### EXHIBIT "A."

Statement showing the Amounts on Vouchers drawn for Gas to the various Public Markets, Armories, etc., and for Fitting-up, Maintaining and Lighting the Public Lamps, etc., for the Quarter ending June 30, 1889:

Washington Market	\$806 49
Catharine Country Market	32 63
Catharine Meat Market	15 37
Fulton Meat Market,	
Fulton Country Market	294 50 485 75
Essex Market	27 12
Centre Market	95 50
Clinton Market	182 88
Union Market	5 12
Tompkins Market	96 25

	Jefferson Market	\$100 ar	
	First District Police Court	\$109 25 350 01	
	Second District Police Court	82 25	
	Third District Police Court	35 75	
	Fourth District Police Court	91 75	
	Fifth District Police Court. First District Civil Court.	9 99	
	Fourth District Civil Court	8 25	
	Fifth District Civil Court	37 50	1
	Sixth District Civil Court	2 00	
	Eighth District Civil Court	7 25	
	Ninth District Civil Court	7 12 24 88	
	Court of Special Sessions.  Brown stone (Court-room) Building	189 37	
	New Court-house	1,252 75	
	City Hall	558 63	
	Corporation Counsel's Office	23 37	
	Corporation Attorney's Office	63 12	
	Board of Assessors	38 4 38	
	Department of Public Works	343 00	
	Department of Taxes	8 25	
1	CITY RECORD Bookbindery	5 38	
	Register's Office	88 74	
1	County Jail	363 50 4 49	
1	Pipe Yard, East Twenty-fourth street	4 51	
1	Water Purveyor's Repair Shop, West Thirtieth street	5 00	
1	Water Purveyor's Repair Shop, East Eighty-seventh street	4 61	
1	Water Purveyor's Repair Shop, East One Hundred and Twenty-hith street.	13 13	
1	South Gate-house.  Engine-house, High Water Service, High Bridge	35 co 79 50	
1	Engine-house, High Water Service, Ninety-eighth street.	163 13	
1	Clock-tower, Third District Court house	403 13	
1	New York City Civil Service Board	13 37	
1	Corporation Yard, East Sixteenth street	3 25	
1	Dog Pound, East One Hundred and Second street Bureau of Streets and Roads, One Hundred and Nineteenth street and	4 75	
1	St. Nicholas avenue	2 13	
1	Photometrical Rooms, Grand street		
	Photometrical Rooms, Seventy-ninth street	10 75 4 88	
1	Seventh Regiment Armory	535 00	
1	Eighth Regiment Armory	225 87	
1	Ninth Regiment Armory	250 38	
1	Twelfth Regiment Armory. Twenty-second Regiment Armory.	357 25	
1	Sixty-ninth Regiment Armory	625 50 242 63	*
1	Seventy-first Regiment Armory	296 25	
ı	First Battery Armory	82 12	
1	Second Battery Armory	62 75	
1	Brigade Headquarters	104 00	
1	Public Bath, Battery	2 87	
1	" Horatio street	I 50 I 25	
1	" Corlears street	1 25	
1	" Stanton street	1 75	
1			\$9,250 99
1	Gas examinations	\$376 50	
1	Lighting public markets, etc. (Pay-rolls)	779 50	
1	New lamp-posts	882 43	
	New lamp-posts	630 00	
1	New street-lamps	1,841 26	
1	New street-lamps, Twenty-third and Twenty-fourth Wards		
-	AT TO 1 1 1 1	446 25	
-	New Boulevard lamps	2,194 25	
-	New Boulevard lamps	2,194 25 204 00	
	New Boulevard lamps	2,194 25 204 00 375 00	
	New Boulevard lamps New crossheads New street signs Supplies for Photometrical Rooms Cartages	2,194 25 204 00	
	New Boulevard lamps New crossheads New street signs Supplies for Photometrical Rooms Cartages Rent of Photometrical Rooms, Grand street	2,194 25 204 00 375 00 54 75 100 00 150 00	
	New Boulevard lamps New crossheads New street signs Supplies for Photometrical Rooms Cartages Rent of Photometrical Rooms, Grand street Rent of Photometrical Rooms, Seventy-ninth street	2,194 25 204 00 375 00 54 75 100 00 150 00 90 00	
	New Boulevard lamps New crossheads New street signs Supplies for Photometrical Rooms Cartages Rent of Photometrical Rooms, Grand street Rent of Photometrical Rooms, Seventy-ninth street	2,194 25 204 00 375 00 54 75 100 00 150 00 90 00 268 00	
	New Boulevard lamps New crossheads New street signs Supplies for Photometrical Rooms Cartages Rent of Photometrical Rooms, Grand street Rent of Photometrical Rooms, Seventy-ninth street Fitting-up new lamps Fitting-up new lamps Fitting-up new lamps. Twenty-third and Twenty-fourth Wards	2,194 25 204 00 375 00 54 75 100 00 150 00 90 00	
	New Boulevard lamps. New crossheads New street signs. Supplies for Photometrical Rooms Cartages Rent of Photometrical Rooms, Grand street Rent of Photometrical Rooms, Seventy-ninth street Fitting-up new lamps. Fitting-up new lamps, Twenty-third and Twenty-fourth Wards Resetting and repairing lamp-posts. Resetting and repairing lamp-posts, Twenty-third and Twenty-fourth Wards	2,194 25 204 00 375 00 54 75 100 00 150 00 90 00 268 00 424 00 2,295 00 538 00	
	New Boulevard lamps. New crossheads New street signs. Supplies for Photometrical Rooms Cartages Rent of Photometrical Rooms, Grand street Rent of Photometrical Rooms, Seventy-ninth street. Fitting-up new lamps. Fitting-up new lamps, Twenty-third and Twenty-fourth Wards. Resetting and repairing lamp-posts. Resetting and repairing lamp-posts, Twenty-third and Twenty-fourth Wards Lighting public lamps	2,194 25 204 00 375 00 54 75 100 00 150 00 90 00 268 00 424 00 2,295 00 538 00 75.771 40	
	New Boulevard lamps New crossheads New street signs Supplies for Photometrical Rooms Cartages Rent of Photometrical Rooms, Grand street Rent of Photometrical Rooms, Seventy-ninth street Fitting-up new lamps Fitting-up new lamps Fitting-up new lamps, Twenty-third and Twenty-fourth Wards Resetting and repairing lamp-posts, Twenty-third and Twenty-fourth Wards Lighting public lamps Lighting public lamps Lighting public lamps, Twenty-third and Twenty-fourth Wards	2,194 25 204 00 375 00 54 75 100 00 90 00 268 00 424 00 2,295 00 538 00 2,295 00 538 00	
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	New Boulevard lamps New crossheads New street signs Supplies for Photometrical Rooms Cartages Rent of Photometrical Rooms, Grand street Rent of Photometrical Rooms, Seventy-ninth street Fitting-up new lamps Fitting-up new lamps Fitting-up new lamps, Twenty-third and Twenty-fourth Wards Resetting and repairing lamp-posts, Twenty-third and Twenty-fourth Wards Lighting public lamps Lighting public lamps Lighting public lamps, Twenty-third and Twenty-fourth Wards	2,194 25 204 00 375 00 54 75 100 00 90 00 268 00 424 00 2,295 00 538 00 75,771 40 35,068 00 43,854 23	167.087 57
	New Boulevard lamps New crossheads New street signs Supplies for Photometrical Rooms Cartages Rent of Photometrical Rooms, Grand street Rent of Photometrical Rooms, Seventy-ninth street Fitting-up new lamps Fitting-up new lamps Fitting-up new lamps, Twenty-third and Twenty-fourth Wards Resetting and repairing lamp-posts, Twenty-third and Twenty-fourth Wards Lighting public lamps Lighting public lamps, Twenty-third and Twenty-fourth Wards Lighting pelctric-lamps	2,194 25 204 00 375 00 54 75 100 00 90 00 268 00 424 00 2,295 00 538 00 75,771 40 35,068 00 43,854 23	167,087 57
	New Boulevard lamps New crossheads New street signs Supplies for Photometrical Rooms Cartages Rent of Photometrical Rooms, Grand street Rent of Photometrical Rooms, Seventy-ninth street Fitting-up new lamps Fitting-up new lamps Fitting-up new lamps, Twenty-third and Twenty-fourth Wards Resetting and repairing lamp-posts. Resetting and repairing lamp-posts, Twenty-third and Twenty-fourth Wards Lighting public lamps Lighting public lamps, Twenty-third and Twenty-fourth Wards Lighting electric-lamps Lighting naphtha-lamps	2,194 25 204 00 375 00 54 75 100 00 90 00 268 00 424 00 2,295 00 538 00 75,771 40 35,068 23 730 00	\$176,338 56
	New Boulevard lamps New crossheads New street signs Supplies for Photometrical Rooms Cartages Rent of Photometrical Rooms, Grand street Rent of Photometrical Rooms, Seventy-ninth street Fitting-up new lamps Fitting-up new lamps Fitting-up new lamps, Twenty-third and Twenty-fourth Wards Resetting and repairing lamp-posts, Twenty-third and Twenty-fourth Wards Lighting public lamps Lighting public lamps, Twenty-third and Twenty-fourth Wards Lighting pelctric-lamps	2,194 25 204 00 375 00 54 75 100 00 90 00 268 00 424 00 2,295 00 538 00 75,771 40 35,068 23 730 00	
	New Boulevard lamps New crossheads New street signs Supplies for Photometrical Rooms Cartages Rent of Photometrical Rooms, Grand street Rent of Photometrical Rooms, Seventy-ninth street Fitting-up new lamps Fitting-up new lamps, Twenty-third and Twenty-fourth Wards Resetting and repairing lamp-posts Resetting and repairing lamp-posts, Twenty-third and Twenty-fourth Wards Lighting public lamps Lighting public lamps Lighting public lamps Lighting electric-lamps Lighting naphtha-lamps Inspectors of Lamps, etc. (Pay-rolls)	2,194 25 204 00 375 00 54 75 100 00 90 00 268 00 424 00 2,295 00 538 00 75,771 40 35,068 00 43,854 23 730 00	\$176,338 56 1,541 62
	New Boulevard lamps New crossheads New street signs Supplies for Photometrical Rooms Cartages Rent of Photometrical Rooms, Grand street Rent of Photometrical Rooms, Seventy-ninth street Fitting-up new lamps Fitting-up new lamps Fitting-up new lamps, Twenty-third and Twenty-fourth Wards Resetting and repairing lamp-posts. Resetting and repairing lamp-posts, Twenty-third and Twenty-fourth Wards Lighting public lamps Lighting public lamps, Twenty-third and Twenty-fourth Wards Lighting electric-lamps Lighting naphtha-lamps	2,194 25 204 00 375 00 54 75 100 00 90 00 268 00 424 00 2,295 00 538 00 75,771 40 35,068 00 43,854 23 730 00	\$176,338 56 1,541 62
	New Boulevard lamps New crossheads New street signs Supplies for Photometrical Rooms Cartages Rent of Photometrical Rooms, Grand street Rent of Photometrical Rooms, Seventy-ninth street Fitting-up new lamps Fitting-up new lamps Fitting-up new lamps, Twenty-third and Twenty-fourth Wards Resetting and repairing lamp-posts Resetting and repairing lamp-posts, Twenty-third and Twenty-fourth Wards Lighting public lamps Lighting public lamps Lighting public lamps Lighting electric-lamps Lighting naphtha-lamps  Inspectors of Lamps, etc. (Pay-rolls)  Total	2,194 25 204 00 375 00 54 75 100 00 90 00 268 00 424 00 2,295 00 538 00 75,771 40 35,068 00 43,854 23 730 00	\$176,338 56 1,541 62
	New Boulevard lamps New crossheads New street signs Supplies for Photometrical Rooms Cartages Rent of Photometrical Rooms, Grand street Rent of Photometrical Rooms, Seventy-ninth street Fitting-up new lamps Fitting-up new lamps Fitting-up new lamps, Twenty-third and Twenty-fourth Wards Resetting and repairing lamp-posts, Twenty-third and Twenty-fourth Wards Lighting public lamps Lighting public lamps Lighting public lamps, Twenty-third and Twenty-fourth Wards Lighting electric-lamps Lighting naphtha-lamps Inspectors of Lamps, etc. (Pay-rolls) Total  RECAPITULATION.	2,194 25 204 00 375 00 54 75 100 00 90 00 908 00 424 00 2,295 00 5378 00 75,771 40 35,068 00 43,854 23 730 00	\$176,338 56 1,541 62
	New Boulevard lamps New crossheads New street signs Supplies for Photometrical Rooms Cartages Rent of Photometrical Rooms, Grand street Rent of Photometrical Rooms, Seventy-ninth street. Fitting-up new lamps Fitting-up new lamps Fitting-up new lamps, Twenty-third and Twenty-fourth Wards Resetting and repairing lamp-posts, Twenty-third and Twenty-fourth Wards Lighting public lamps Lighting public lamps Lighting public lamps Lighting electric-lamps Lighting naphtha-lamps  Inspectors of Lamps, etc. (Pay-rolls)  Total  RECAPITULATION.  Gas to Public Offices, etc	2,194 25 204 00 375 00 54 75 100 00 90 00 268 00 424 00 2,295 00 538 00 43,854 23 730 00	\$176,338 56 1,541 62
	New Goulevard lamps New crossheads New street signs Supplies for Photometrical Rooms Cartages Rent of Photometrical Rooms, Grand street Rent of Photometrical Rooms, Seventy-ninth street Fitting-up new lamps Fitting-up new lamps Fitting-up new lamps, Twenty-third and Twenty-fourth Wards Resetting and repairing lamp-posts, Resetting and repairing lamp-posts, Twenty-third and Twenty-fourth Wards Lighting public lamps Lighting public lamps Lighting electric-lamps Lighting electric-lamps Lighting naphtha-lamps  Inspectors of Lamps, etc. (Pay-rolls)  Total  RECAPITULATION.  Gas to Public Offices, etc. Supplies to public lamps, etc.	2,194 25 204 00 375 00 54 75 100 00 90 00 268 00 424 00 2,295 00 538 00 43,854 23 730 00	\$176,338 56 1,541 62
	New Goulevard lamps New crossheads New street signs Supplies for Photometrical Rooms Cartages Rent of Photometrical Rooms, Grand street Rent of Photometrical Rooms, Seventy-ninth street Fitting-up new lamps Fitting-up new lamps Fitting-up new lamps, Twenty-third and Twenty-fourth Wards Resetting and repairing lamp-posts Resetting and repairing lamp-posts, Twenty-third and Twenty-fourth Wards Lighting public lamps Lighting public lamps Lighting public lamps Lighting naphtha-lamps Lighting electric-lamps Lighting naphtha-lamps  Total  RECAPITULATION  Gas to Public Offices, etc. Supplies to public lamps, Twenty-third and Twenty-fourth Wards. Supplies to public lamps, etc. Supplies to public lamps, Twenty-third and Twenty-fourth Wards.	2,194 25 204 00 375 00 54 75 100 00 90 00 90 00 424 00 2,295 00 75,771 40 35,068 00 43,854 23 730 00 \$9,250 99 7,062 69 1,076 25 268 00	\$176,338 56 1,541 62
	New Boulevard lamps New crossheads New street signs Supplies for Photometrical Rooms Cartages Rent of Photometrical Rooms, Grand street Rent of Photometrical Rooms, Seventy-ninth street Fitting-up new lamps Fitting-up new lamps, Twenty-third and Twenty-fourth Wards Resetting and repairing lamp-posts, Twenty-third and Twenty-fourth Wards Lighting public lamps Lighting public lamps Lighting public lamps, Twenty-third and Twenty-fourth Wards Lighting naphtha-lamps Lighting naphtha-lamps  Inspectors of Lamps, etc. (Pay-rolls)  Total  RECAPITULATION.  Gas to Public Offices, etc. Supplies to public lamps, Twenty-third and Twenty-fourth Wards Fitting-up new lamps Fitting-up new lamps Fitting-up new lamps, Twenty-third and Twenty-fourth Wards.	2,194 25 204 00 375 00 54 75 100 00 90 00 2,295 00 538 00 424 00 2,295 00 538 00 43,854 23 730 00 5,771 40 35,068 00 43,854 23 730 00 5,770 40 40,70 25 20,70 26 1,076 25 268 00 424 00	\$176,338 56 1,541 62
	New Goulevard lamps New crossheads New street signs Supplies for Photometrical Rooms Cartages Rent of Photometrical Rooms, Grand street Rent of Photometrical Rooms, Seventy-ninth street Fitting-up new lamps Fitting-up new lamps Fitting-up new lamps, Twenty-third and Twenty-fourth Wards Resetting and repairing lamp-posts, Twenty-third and Twenty-fourth Wards Lighting public lamps Lighting public lamps Lighting public lamps Lighting naphtha-lamps Lighting naphtha-lamps  Inspectors of Lamps, etc. (Pay-rolls)  Total  RECAPITULATION.  Gas to Public Offices, etc. Supplies to public lamps, Twenty-third and Twenty-fourth Wards Fitting-up new lamps Fitting-up new lamps Fitting-up new lamps, Twenty-third and Twenty-fourth Wards. Resetting and repairing lamp-posts	2,194 25 204 00 375 00 54 75 100 00 150 00 90 00 268 00 424 00 2,295 00 75,771 40 35,068 00 43,854 23 730 00 \$\$9,250 99 7,062 69 1,076 25 268 00 2,295 00	\$176,338 56 1,541 62
	New Goulevard lamps New crossheads New street signs Supplies for Photometrical Rooms Cartages Rent of Photometrical Rooms, Grand street Rent of Photometrical Rooms, Seventy-ninth street Fitting-up new lamps Fitting-up new lamps Fitting-up new lamps, Twenty-third and Twenty-fourth Wards Resetting and repairing lamp-posts, Twenty-third and Twenty-fourth Wards Lighting public lamps Lighting public lamps Lighting public lamps Lighting naphtha-lamps Lighting naphtha-lamps  Inspectors of Lamps, etc. (Pay-rolls)  Total  RECAPITULATION.  Gas to Public Offices, etc. Supplies to public lamps, Twenty-third and Twenty-fourth Wards Fitting-up new lamps Fitting-up new lamps Fitting-up new lamps Fitting-up new lamps, Twenty-third and Twenty-fourth Wards Resetting and repairing lamp-posts, Twenty-third and Twenty-fourth Wards Resetting and repairing lamp-posts, Twenty-third and Twenty-fourth Wards	2,194 25 204 00 375 00 54 75 100 00 150 00 90 00 268 00 424 00 2,295 00 75,771 40 35,068 00 43,854 23 730 00 \$9,250 99 7,062 69 1,076 25 268 00 424 00 2,295 00 538 00 2,295 00 538 00	\$176,338 56 1,541 62
	New Goulevard lamps New crossheads New street signs Supplies for Photometrical Rooms Cartages Rent of Photometrical Rooms, Grand street Rent of Photometrical Rooms, Seventy-ninth street Fitting-up new lamps Fitting-up new lamps Fitting-up new lamps, Twenty-third and Twenty-fourth Wards Resetting and repairing lamp-posts, Twenty-third and Twenty-fourth Wards Lighting public lamps Lighting public lamps Lighting public lamps, Twenty-third and Twenty-fourth Wards Lighting naphtha-lamps Lighting naphtha-lamps  Inspectors of Lamps, etc. (Pay-rolls)  Total  RECAPITULATION.  Gas to Public Offices, etc Supplies to public lamps, twenty-third and Twenty-fourth Wards Fitting-up new lamps Fitting-up new lamps Fitting-up new lamps, Twenty-third and Twenty-fourth Wards Resetting and repairing lamp-posts Resetting and repairing lamp-posts, Twenty-third and Twenty-fourth Wards Lighting public lamps Lighting public lamps Lighting public lamps, Twenty-third and Twenty-fourth Wards Lighting public lamps Lighting public lamps, Twenty-third and Twenty-fourth Wards Lighting public lamps Lighting public lamps, Twenty-third and Twenty-fourth Wards Lighting public lamps, Twenty-third and Twenty-fourth Wards	2,194 25 204 00 375 00 54 75 100 00 90 00 268 00 424 00 2,295 00 538 00 43,854 23 730 00 59,250 99 7,062 69 1,076 25 268 00 424 00 2,295 00 538 00 75,771 40	\$176,338 56 1,541 62
	New Goulevard lamps. New crossheads New street signs. Supplies for Photometrical Rooms Cartages Rent of Photometrical Rooms, Grand street Rent of Photometrical Rooms, Seventy-ninth street. Fitting-up new lamps. Fitting-up new lamps. Fitting-up new lamps, Twenty-third and Twenty-fourth Wards. Resetting and repairing lamp-posts, Twenty-third and Twenty-fourth Wards Lighting public lamps. Lighting public lamps. Lighting public lamps. Lighting naphtha-lamps.  Lighting naphtha-lamps.  Inspectors of Lamps, etc. (Pay-rolls)  Total  RECAPITULATION.  Gas to Public Offices, etc. Supplies to public lamps, Twenty-third and Twenty-fourth Wards. Fitting-up new lamps Fitting-up new lamps Fitting-up new lamps, Twenty-third and Twenty-fourth Wards. Resetting and repairing lamp-posts. Resetting and repairing lamp-posts, Twenty-third and Twenty-fourth Wards Lighting public lamps. Lighting public lamps, Twenty-third and Twenty-fourth Wards Lighting public lamps. Lighting public lamps, Twenty-third and Twenty-fourth Wards	2,194 25 204 00 375 00 54 75 100 00 150 00 90 00 268 00 424 00 2,295 00 538 00 75,771 40 35,068 00 43,854 23 730 00 89,250 99 7,062 69 1,076 25 268 00 424 00 2,295 00 538 00 75,771 40 35,068 60 43,854 23	\$176,338 56 1,541 62
	New Goulevard lamps New crossheads New street signs Supplies for Photometrical Rooms Cartages Rent of Photometrical Rooms, Grand street Rent of Photometrical Rooms, Seventy-ninth street Fitting-up new lamps Fitting-up new lamps Fitting-up new lamps, Twenty-third and Twenty-fourth Wards Resetting and repairing lamp-posts, Twenty-third and Twenty-fourth Wards Lighting public lamps Lighting public lamps Lighting public lamps, Twenty-third and Twenty-fourth Wards Lighting naphtha-lamps Lighting naphtha-lamps  Inspectors of Lamps, etc. (Pay-rolls) Total  RECAPITULATION.  Gas to Public Offices, etc Supplies to public lamps, Twenty-third and Twenty-fourth Wards Fitting-up new lamps Fitting-up new lamps Fitting-up new lamps Resetting and repairing lamp-posts Resetting and repairing lamp-posts, Twenty-third and Twenty-fourth Wards Lighting public lamps Lighting public lamps, Twenty-third and Twenty-fourth Wards Lighting naphtha-lamps	2,194 25 204 00 375 00 54 75 100 00 90 00 90 00 268 00 424 00 2,295 00 75,771 40 35,068 00 43,854 23 730 00 \$9,250 99 7,062 69 1,076 25 268 00 424 00 2,295 00 43,854 23 730 00 43,854 23 730 00	\$176,338 56 1,541 62
	New Goulevard lamps New crossheads New street signs Supplies for Photometrical Rooms Cartages Rent of Photometrical Rooms, Grand street Rent of Photometrical Rooms, Seventy-ninth street Fitting-up new lamps Fitting-up new lamps Fitting-up new lamps, Twenty-third and Twenty-fourth Wards Resetting and repairing lamp-posts, Twenty-third and Twenty-fourth Wards Lighting public lamps Lighting public lamps Lighting public lamps, Twenty-third and Twenty-fourth Wards Lighting naphtha-lamps Lighting naphtha-lamps  Inspectors of Lamps, etc. (Pay-rolls)  Total  RECAPITULATION.  Gas to Public Offices, etc Supplies to public lamps, Twenty-third and Twenty-fourth Wards Fitting-up new lamps Fitting-up new lamps, Twenty-third and Twenty-fourth Wards. Resetting and repairing lamp-posts Resetting and repairing lamp-posts, Twenty-third and Twenty-fourth Wards Lighting public lamps Lighting public lamps Lighting public lamps Lighting public lamps Lighting naphtha-lamps L	2,194 25 204 00 375 00 54 75 100 00 150 00 90 00 268 00 424 00 2,295 00 538 00 75,771 40 35,068 00 43,854 23 730 00 \$9,250 99 7,062 69 1,076 25 268 00 424 00 2,295 00 538 00 75,771 40 35,068 00 42,4 00 2,295 00 538 00 75,771 40 35,068 00 43,854 23 730 00 1,541 62	\$176,338 56 1,541 62 \$177,880 18
	New Goulevard lamps New crossheads New street signs Supplies for Photometrical Rooms Cartages Rent of Photometrical Rooms, Grand street Rent of Photometrical Rooms, Seventy-ninth street Fitting-up new lamps Fitting-up new lamps Fitting-up new lamps, Twenty-third and Twenty-fourth Wards Resetting and repairing lamp-posts, Twenty-third and Twenty-fourth Wards Lighting public lamps Lighting public lamps Lighting public lamps, Twenty-third and Twenty-fourth Wards Lighting naphtha-lamps Lighting naphtha-lamps  Inspectors of Lamps, etc. (Pay-rolls)  Total  RECAPITULATION.  Gas to Public Offices, etc Supplies to public lamps, Twenty-third and Twenty-fourth Wards Fitting-up new lamps Fitting-up new lamps, Twenty-third and Twenty-fourth Wards. Resetting and repairing lamp-posts Resetting and repairing lamp-posts, Twenty-third and Twenty-fourth Wards Lighting public lamps Lighting public lamps Lighting public lamps Lighting public lamps Lighting naphtha-lamps L	2,194 25 204 00 375 00 54 75 100 00 150 00 90 00 268 00 424 00 2,295 00 538 00 75,771 40 35,068 00 43,854 23 730 00 \$9,250 99 7,062 69 1,076 25 268 00 424 00 2,295 00 538 00 75,771 40 35,068 00 42,4 00 2,295 00 538 00 75,771 40 35,068 00 43,854 23 730 00 1,541 62	\$176,338 56 1,541 62 \$177,880 18
	New Goulevard lamps New crossheads New street signs Supplies for Photometrical Rooms Cartages Rent of Photometrical Rooms, Grand street Rent of Photometrical Rooms, Seventy-ninth street Fitting-up new lamps Fitting-up new lamps Fitting-up new lamps, Twenty-third and Twenty-fourth Wards Resetting and repairing lamp-posts, Twenty-third and Twenty-fourth Wards Lighting public lamps Lighting public lamps Lighting public lamps, Twenty-third and Twenty-fourth Wards Lighting naphtha-lamps Lighting naphtha-lamps  Inspectors of Lamps, etc. (Pay-rolls) Total  RECAPITULATION.  Gas to Public Offices, etc Supplies to public lamps, Twenty-third and Twenty-fourth Wards Fitting-up new lamps Fitting-up new lamps Fitting-up new lamps Resetting and repairing lamp-posts Resetting and repairing lamp-posts, Twenty-third and Twenty-fourth Wards Lighting public lamps Lighting public lamps, Twenty-third and Twenty-fourth Wards Lighting naphtha-lamps	2,194 25 204 00 375 00 54 75 100 00 150 00 90 00 268 00 424 00 2,295 00 538 00 75,771 40 35,068 00 43,854 23 730 00 \$9,250 99 7,062 69 1,076 25 268 00 424 00 2,295 00 538 00 75,771 40 35,068 00 42,4 00 2,295 00 538 00 75,771 40 35,068 00 43,854 23 730 00 1,541 62	\$176,338 56 1,541 62 \$177,880 18
	New Goulevard lamps New crossheads New street signs Supplies for Photometrical Rooms Cartages Rent of Photometrical Rooms, Grand street Rent of Photometrical Rooms, Seventy-ninth street Fitting-up new lamps Fitting-up new lamps Fitting-up new lamps, Twenty-third and Twenty-fourth Wards Resetting and repairing lamp-posts, Twenty-third and Twenty-fourth Wards Lighting public lamps Lighting public lamps Lighting public lamps, Twenty-third and Twenty-fourth Wards Lighting naphtha-lamps Lighting naphtha-lamps  Inspectors of Lamps, etc. (Pay-rolls)  Total  RECAPITULATION.  Gas to Public Offices, etc Supplies to public lamps, Twenty-third and Twenty-fourth Wards Fitting-up new lamps Fitting-up new lamps, Twenty-third and Twenty-fourth Wards. Resetting and repairing lamp-posts Resetting and repairing lamp-posts, Twenty-third and Twenty-fourth Wards Lighting public lamps Lighting public lamps Lighting public lamps Lighting public lamps Lighting naphtha-lamps L	2,194 25 204 00 375 00 54 75 100 00 150 00 90 00 268 00 424 00 2,295 00 538 00 75,771 40 35,068 00 43,854 23 730 00 \$9,250 99 7,062 69 1,076 25 268 00 424 00 2,295 00 538 00 75,771 40 35,068 00 42,4 00 2,295 00 538 00 75,771 40 35,068 00 43,854 23 730 00 1,541 62	\$176,338 56 1,541 62 \$177,880 18

### EXHIBIT "B."

Summary of the Appropriation for "Lamps and Gas and Electric Lighting," showing the Amount Expended during the Quarter ending June 30, 1889, with the Balance standing to the Credit of the Appropriation.

Amount appropriated for "Lamps and Gas and Electric Lighting," 1880		\$700,000 00
Amount expended during the quarter ending March 31	\$99,107 68	
Amount expended during the quarter onding June 30	-70,330 30	275,446 24

	LI	ABILITIES.			
., lighting	public lamps,	month of	June	\$22,645	56
0.,	**	**	********		33
s-light Co.	. "	66		3,149	81

Consolidated Gas Co., fighting p	ublic lamps	, month of ju	mc,,,,,,,,,,	722,045 50
Equitable Gas-light Co.,	**	**		3,149 33
New York Mutual Gas-light Co.,	46	66		409 81
Central Gas-light Co.,	66 -	**		5,894 60
Northern Gas-light Co.,	44	66		4,948 83
Yonkers Gas-light Co.,	46	66		1,052 33
New York and New Jersey Globe	Gas-light	Co., lighting	public lamps,	, , ,
month of June				230 CC
Brush Electric Illuminating Co.,				8,165 65
United States Illuminating Co.,		THE RESERVE AND ADDRESS OF THE PARTY OF THE		8,902 95
East River Electric-light Co.,	"			8,248 80
Harlem Lighting Co.,	66			2,226 30

				TILLOUTED,		2	0/1
Mount Morris Electric-light Co., lighting electric-lamps  North New York Lighting Co., Matthewall contains Glass Co., 1,000 glass street signs	\$351			CENTRAL GAS-LIGHT COMPANY.			
Matthews Decorative Glass Co., 1,000 glass street signs. C. Birdsall, cartages	555 187 100	50		Number of lamps lighted March 31, 1889.  Number of new lamps lighted during the quarter.  Number of old lamps relighted during the quarter.	2,400		
F. P. Glesson Mfg. Co. 200 street lamps	488	00				2,484	
John Fox, 75 lamp-posts.  J. B. & J. M. Cornell, 500 lamp irons.  Bartlett Lamp Mfg. Co., 300 Boulevard globes.  John Millis, electric-light examinations.	590 245 600	00		Less lamps discontinued during the quarter		7	-
John Millis, electric-light examinations	500	00	9,491 12	Number of lamps lighted June 30, 1889	****		2,47
Balance available June 30, 1889				Number of lamps lighted March 31, 1880	2,112		
			3,002 0.	Number of new lamps lighted during the quarter Number of old lamps relighted during the quarter	4		
EXHIBIT "C."				Less lamps discontinued during the quarter	-	2,116	
Summary of the Appropriation for "Lamps and Gas and Electric Light the Amount Expended during the Quarter ending June 30, 1889, w.	ing-Sa	laries,"	showing		1		2,11
to the Credit of the Appropriation.			standing	YONKERS GAS-LIGHT COMPANY.			
Amount appropriated for "Lamps and Gas and Electric Lighting—Salarie Amount expended during the quarter ending March 31	1,624 1,541	95 62	6,500 oo	Number of lamps lighted March 31, 1889	449		
Balance available June 30, 1889		-	3,333 43			451	
			3333 43	Number of lamps lighted June 30, 1889			45
EXHIBIT "D."				Total number of gas-lamps lighted June 30, 1889			23,52
Summary of the "Lamp Account," showing the Number of New Lan Relighted and Lamps Discontinued by each Gas and Electric-lig- Quarter ending June 30, 1889.	nps Ligh ht Comp	ted, Old	d Lamps ring the	NAPHTHA-LAMPS.  NEW YORK AND NEW JERSEY GLOBE GAS-LIGHT COMPANY.			
	1	1	1		120		
CONSOLIDATED GAS COMPANY, BRANCH 1.				Number of lamps lighted March 31, 1889.  Number of new lamps lighted during the quarter.  Number of old lamps relighted during the quarter.	0		
Number of lamps lighted March 31, 1889.  Number of new lamps lighted during the quarter.  Number of old lamps relighted during the quarter.	2,928			Less lamps discontinued during the quarter	-	0	
		2,929		Number of lamps lighted June 30, 1889			12
Less lamps discontinued during the quarter  Less lamps discontinued on account of electric-lights  Less lamps transferred to Equitable Gas-light Company	7 0			Total number of naphtha lamps lighted June 30, 1889	****		12
Less lamps transferred to Equitable Gas-light Company	223	230		ELECTRIC-LAMPS.			
Number of lamps lighted June 30, 1889			2,699				
				Number of lamps lighted March 31, 1889  Number of new lamps lighted during the quarter	367		
CONSOLIDATED GAS COMPANY, BRANCH 2.				Number of old lamps relighted during the quarter	0	367	1
Number of lamps lighted March 31, 1889	1,629			Less lamps discontinued during the quarter on account of cutting the wires.	****	124	
		1,769		Number of lamps lighted June 30, 1889			24.
Less lamps discontinued during the quarter  Less lamps discontinued on account of electric-lights	0			Number of lamps lighted March 31, 1889	477		
Less lamps transferred to Equitable Gas-light Co	171	219		Number of new lamps lighted during the quarter.  Number of old lamps relighted during the quarter.	417 0 8		
Number of lamps lighted June 30, 1889			1,550			425	
				Number of lamps lighted June 30, 1889			423
CONSOLIDATED GAS COMPANY, BRANCH 3.	0.550			HARLEM LIGHTING COMPANY.			7
Number of lamps lighted March 31, 1889	0			Number of lamps lighted March 31, 1889	101		
Number of old lamps relighted during the quarter		2,538		Number of new lamps lighted during the quarter  Number of old lamps relighted during the quarter	0		
Less lamps discontinued on account of electric-lights.  Less lamps transferred to Equitable Gas-light Co.	O			Less lamps discontinued during the quarter on account of cutting the wires.		101	
Less tamps transferred to Equitable Gas-fight Co	299	304		Number of lamps lighted June 30, 1889	2.44		86
Number of lamps lighted June 30, 1889			2,234		150		
CONSOLIDATED GAS COMPANY, BRANCH 4.				Number of lamps lighted March 31, 1889  Number of new lamps lighted during the quarter  Number of old lamps relighted during the quarter	18		
Number of lamps lighted March 21 1880	2,997					18	
Number of new lamps lighted during the quarter  Number of old lamps relighted during the quarter	41			Less lamps discontinued during the quarter			
		3,358		Number of lamps lighted June 30, 1889			18
Less lamps discontinued during the quarter	281			Number of lamps lighted March 21, 1880	26		
		374		Number of lamps lighted March 31, 1889.  Number of new lamps lighted during the quarter.  Number of old lamps relighted during the quarter.	0		
Number of lamps lighted June 30, 1889			2,984	Less lamps discontinued during the quarter		26 0	
CONSOLIDATED GAS COMPANY, BRANCH 6.			-	Number of lamps lighted June 30, 1889			26
Number of lamps lighted March 31, 1889	5,683						
Number of new lamps lighted during the quarter	16 75			Number of lamps lighted March 31, 1889	101		
Less lamps discontinued during the quarter		5,774		Number of new lamps lighted during the quarter Number of old lamps relighted during the quarter	401 8		
Number of lamps lighted June 30, 1889	.,,,		5,754	Less lamps discontinued during the quarter on account of cutting the wires.		409 18	
Total number of lamps lighted by Consolidated Gas Company, June 30, 1889				Number of lamps lighted June 30, 1889			
pany, June 30, 1889	1111	****	15,221	Total number of electric-lamps lighted June 30, 1889	100000	****	1,189
NEW YORK MUTUAL GAS-LIGHT COMPANY.				RECAPITULATION FOR QUARTER.			===
Number of lamps lighted March 31, 1889  Number of new lamps lighted during the quarter  Number of old lamps relighted during the quarter	146						
		281		Number of gas-lamps lighted March 31, 1889  Number of naphtha-lamps lighted March 31, 1889  Number of electric-lamps lighted March 31, 1889	120		
ess lamps discontinued during the quarter ess lamps discontinued on account of electric-lights	0	,				24, 181	
ess lamps transferred to Equitable Gas-light Co	4	5		Number of new gas-lamps lighted during the quarter  Number of new naphtha-lamps lighted during the quarter  Number of new electric-lamps lighted during the quarter	135		
Number of lamps lighted June 30, 1889			276	Number of gas-lamps relighted during the quarter	868	135	
EQUITABLE GAS-LIGHT COMPANY.				Number of naphtha-lamps relighted during the quarter  Number of electric-lamps relighted during the quarter	0 16		
Jumber of lamps lighted March 31, 1889	1,930			Same Author		884	
lumber of old lamps relighted during the quarter	99 974			Less gas-lamps discontinued during the quarter	213	25,200	
lumber of lamps transferred from New York Mutual Gas-light Co	4	3,012		Less gas-lamps discontinued on account of electric-lights	0		
ess lamps discontinued during the quarteress lamps discontinued on account of electric-lights	32			Less electric-lamps discontinued during the quarter on account of cutting the wires.	157		
		32				370	
Number of lamps lighted June 30, 1889			2,980	Total number of lamps lighted June 30, 1889	1-		

#### EXHIBIT "E."

Statement giving the Illuminating Fower in Candles of the Gas supplied to the City by the several Gas-light Companies during the Quarter ending June 30, 1889, as shown by the Daily Observations at the Photometrical Rooms of the Department of Public Works.

FOR WHAT TIME.	Consolidated Gas Co., Branch 1. Illuminating Power in Candles.			Consolidated Gas Co., Branch 2. Illuminating Power in Candles.			Consolidated Gas Co., Branch 3. Illuminating Power in Candles.			Branch 3. Branch 4. Branch 6. LIGHT Co.  LUMINATING POWER ILLUMINATING POWER ILLUMINATING POWER ILLUMINATING POWER			o. Power	GAS-LIC		Co. Power					
Week ending—	Lowest.	Highest.	Average.	Lowest.	Highest.	Average.	Lowest.	Highest.	Average.	Lowest.	Highest.	Average.	Lowest.	Highest,	Average.	Lowest.	Highest.	Average.	Lowest,	Highest.	Average.
April 6, 1889	22.87	23 9 <b>t</b>	23.50	20.59	21.79	21.35	26.98	27.84	27.44	23.52	24.00	23.74	27.50	30.18	28.61	29.19	32.19	30.94	28.46	31.92	30.7
" 13, "	23.20	24.66	23.97	20.68	21.82	21.31	27.62	29.43	28.33	22.02	24.90	23.55	27.46	28.50	27.91	30.63	31.83	31.23	30.44	32.38	31.5
" 20, "	23.20	25.16	23.95	21.19	22.85	21.67	27.72	29.73	28.58	21.93	23.84	22.59	27.23	28.28	27.60	31.40	32.57	31.91	30.36	32.06	37.5
" 27, " ,	23.14	24.38	23.91	21.00	22.78	21.82	28,60	30.28	29.32	22.29	23.72	23.20	27.96	28.95	28.41	31.69	32.34	31.99	30.20	32.28	31.4
May 4, "	22.04	25.21	23.84	20.73	22.43	21.51	28.10	29.48	28.92	23.10	23.29	23.20	27.44	28.28	27.90	27.00	31.86	30.50	27.02	30.54	28.8
" II, "	22.62	24.83	23.34	22.36	23.94	22.96	28.04	31.14	29.13	23.72	24.86	24.10	27.72	30.06	28.92	29.64	34.02	31.70	30.35	31.75	31.0
" 18, "	22.62	26.14	24.73	21.46	23.97	22.89	28.47	31.18	29.60	22.80	24.14	23.41	28.52	29.39	29.00	32.02	33.70	32.63	29.64	31.43	30.80
" 25, "	25.20	26.42	25.89	20.10	21.70	21.01	28.68	30.12	29.15	23.89	24.84	24.15	28.35	29.56	28.97	30.14	33.28	31.56	30.02	32.08	31.4
June 1, "	23.18	24.28	23.62	20.55	22.12	21.11	27.78	28.84	28.48	23.07	23.91	23.54	26.26	28.06	26.89	30.08	32.40	31.24	30.82	31.72	31.2
" 8, "	22.96	25.05	24.12	19.59	20.44	20.14	28.12	28.88	28.59	22.44	23.63	23.11	26.27	27.34	26.97	30.21	32.41	31.16	30.67	31.88	31.22
" 15, "	23.58	24.56	24.00	20,98	23.09	21.92	28.08	30.70	29.53	23.02	24.36	23.61	27.55	28.98	28.42	30.73	32.18	31.49	29.16	31.52	30.8
" 22, "	21.46	24.46	23.42	20.48	21.81	21.22	28.72	30.54	29.49	23.20	24.06	23.62	28.03	29.59	28.74	28.22	31.09	29.52	28.58	31.69	30.61
29, "	23.63	25.41	24.81	18.76	21.05	20.01	28.72	30.14	29.25	21.75	23.30	22.72	28.04	29,10	28.46	30.27	31.74	30.98	30.62	32.45	31.77
For the Quarter	21.46	26,42	24.08	18.75	23.97	21.45	26.98	31.18	28.90	21.75	24.90	23.42	26.26	30,18	28.21	27.00	34.02	32.06	27.02	32.45	31.01
Distance from gas-works																					No. 7.

### Document "K."

### REPORT OF THE SUPERINTENDENT OF REPAIRS AND SUPPLIES.

DEPARTMENT OF PUBLIC WORKS—BUREAU OF REPAIRS AND SUPPLIES, SUPERINTENDENT'S OFFICE, No. 31 CHAMBERS STREET, ROOM 15, New York, July 3, 1889.

Hon. THOMAS F. GILROY, 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 quarter ending June 30, 1889.

### THE NEW COURT-HOUSE,

Superior Court—The walls in Part III, and the toilet rooms connected therewith, and the private office of the Clerk of the Court, have been painted, the ceilings calcimined, hardwood cleaned and varnished, and the radiators bronzed. A number of law books have been supplied for

cleaned and varnished, and the ladiators
the use of the court.

County Clerk's Office—New iron gates have been placed on the doors of the Record and
Searcher's rooms and the outer iron doors repaired; a new automatic valve closet and cistern, with
necessary connections, has been placed in the toilet-room adjoining the Record room and a new floor

Repairs have been made to the roof over the Surrogate's Court, the stone gutter pointed with Portland cement and the iron plates pointed with roofing cement; the vault lights over the boiler-room have been repaired, new cast-iron frames placed on two of them, and a new door has been hung on the Surrogate's office.

### CITY HALL.

A black-walnut case in four sections supplied with shelving and hat and coat hooks and furnished with Yale locks, has been put up in the ante-room of the Board of Aldermen.

In the office of the CITY RECORD and the hallway adjoining the walls and ceilings have been washed off and repaired, ceilings calcimined, walls painted and hardwood cleaned and varnished.

The City Court—The rooms formerly occupied by the Board of Assessors having been assigned for the use of the Judges of the City Court, were altered and remodeled; a partition was removed and two rooms thrown into one; a new ceiling put up and plastering repaired; 2 blind windows were opened and trimmed; a door cut through the wall to connect with adjoining court-room; a new yellow pine floor laid and the floor stiftened with posts, and girder placed underneath the same; a large black-walnut library case put up; the window frames and trim repaired; sashes rehung; a new sash door and transom light, with frame and trim, was put up at the library entrance; a new soft coal grate and fender has been set in the large room; a marble-top basin with new plumbing and connections put up in the toilet-room; the walls have been painted, an ornamental border placed on top of the same, the ceiling handsomely frescoed, and the woodwork grained and varnished.

In the ante-room adjoining Room No. 8, the walls have been repaired and painted and the

ceiling calcimined.

New sets of halyards have been put on the flag-poles on the building and the iron gates at the

### BROWN-STONE BUILDING.

Repairs have been made to the elevator and to the safe in the office of the Clerk of the Court of General Sessions.

### HALL OF RECORDS.

Four white-oak book racks, each about 10 feet in length, have been put up in the mortgageroom of the Register's office and repairs made to the plumbing.

### NO. 31 CHAMBERS STREET.

The safe in the Water Register's office has been repaired and a new improved lock placed on the same; repairs have been made to the steam-fitting and plumbing, and some new steam valves put on and old ones repacked.

### STEWART BUILDING.

A set of telephone instruments have been placed in the office of the City Paymaster.

### NO. 49 BEEKMAN STREET.

The plumbing and drainage of this building having been found very defective, it was determined to overhaul it thoroughly. Plans and specifications for the work were prepared in accordance with the regulations of the Board of Health and a contract made for the work in conformity therewith. All the old plumbing and soil-pipes were taken out and the trench around the sewer disinfected; a new iron sewer-pipe put in, with necessary traps and ventilating pipes; new closets and urinals of the most improved pattern put in; a tank placed on the roof and a gas-engine and pump in the cellar. Some of the old cells in the cellar have been removed, the rubbish taken away, and the place left broom clean, so that at the present time the sanitary condition of the building ceuld not be improved. could not be improved.

### STAATS ZEITUNG BUILDING.

Corporation Counsel's Office—In Room No. 1, fourth floor, the plastering has been repaired, walls painted, ceiling calcimined, hardwood cleaned and varnished; some new signs have been painted, the bulletin boards relettered, and the ceiling in the Corporation Counsel's room repaired and painted.

#### THE COURTS-POLICE AND CIVIL.

First District Police Court-The window-sashes in the sky-light have been painted and the glass pounced.

Third District Police Court-A new hygeia closet has been put in the Janitor's apartments.

Fifth District Police Court-The windows in the prison pens have been rehung and furnished with sash fasteners, iron gratings placed on the lower panels in the doors, and galvanized-iron ventilators put on the roof over both pens.

Third District Court-house-A black-walnut case of shelving has been put up in the Judges'

#### THE DOG POUND.

The roof has been repaired and painted, the window-sashes and skylights reglazed and repaired and new fastenings put on window-shutters.

### THE MARKETS.

Washington Market—The roof has been repaired in several places and the skylights and metal roof painted; the doors have been repaired, glass panels and wire guards put in several of them, and the bottoms cased with galvanized iron; new transom-lights have been placed over two of the sidewalk entrances, and the floor repaired in several places

Fulton Market-The skylights have been painted, roof repaired, some new smokejacks put on, and the drains cleaned and plumbing repaired.

Clinton Market—The shingle roof on Washington street side has been covered with tin and painted, the gravel roof and skylights repaired, one new metallic skylight furnished, and some repairs made to the gas-pipes and fixtures.

Centre Market-The roof over Stand No. 52 has been repaired and a new leader put up

Jefferson Market—Last March the two upper floors of this building were damaged by fire, which destroyed several of the rooms and a portion of the roof. The necessary repairs were made without delay. The partitions, flooring and roof were replaced, the rooms plastered, windows reglazed, ceilings and walls painted and calcimined, woodwork and trim painted, the debris removed, and the premises left broom clean. Repairs have been made to the flooring in the market in several places, the doors put in order, and the drain-pipes cleaned and put in repair.

Essex Market-A new water-closet has been put in the basement, the old drain-pipe taken out, and a new one put in.

Tompkins Market-Repairs have been made to the water-pipes in the basement.

### THE ARMORIES.

Headquarters First Brigade and Signal Corps, and Troop "A," N. Y. Cavalry—The plumbing in this armory has been overhauled, new water-closet and urinal put in, two small force pumps and cisterns farnished, the soil-pipes back aired and ventilated and put in proper sanitary condition; the gas-fixtures have been repaired, new globes put on where needed, and two ornamental street lamps put up at the entrance; the walls of the large drill-room have been painted, the rooms on the upper floor calcimined and painted, new work painted and grained; a number of lockers, taken from the Eleventh Regiment Armory, were repaired and put up for the use of the several commands occupying the armory; the stairs leading to the shooting-gallery were repaired, some doors rehung, and repairs made to the carpenter work generally.

Second Battery—Plans and specifications were prepared and a contract, made for the building

Second Battery—Plans and specifications were prepared and a contract made for the building of company rooms in this armory, this work has progressed satisfactorily, and is now nearly completed; some repairs have been made to the flooring in the main drill-room, and about 100 lockers taken from the Eleventh Regiment Armory have been altered, repaired and put in place in the company rooms.

Eighth Regiment—The lease of the old armory having expired, the furniture contained therein, together with some lockers, camp-stools, flag cases, chairs and tables from the Eleventh Regiment Armory, were removed to the temporary armory at One Hundred and Seventh street and Lexington

Eleventh Regiment—The regiment was disbanded last March, and the furniture in the armory was divided and delivered on requisitions to the Department of Taxes and Assessments, Brigade Headquarters, Second Battery, and the Eighth Regiment. There still remains in the armory the gun-racks and closets, several lockers and the gas-fixtures. The premises are at present rented to private parties by the Finance Department.

### CONTRACTS AND SPECIFICATIONS.

Drawings and specifications have been prepared and contracts made or the following works:

The building of two passenger elevators to replace the old one in the New Court-house. This work is in an advanced state and will be completed within the time specified.

The rebuilding of the marble steps in front of the City Hall and retiling the portico. The steps have all been cut and are being delivered, and the work of setting them will be proceeded with as rapidly as possible.

The rebuilding of the steps and flank walls of the plaza in front of the City Hall. The stone for this work is being cut, and will soon be ready for delivery and setting.

The alterations and addition to the Fifth Judicial District Court. This work has been contracted for and will be commenced as soon as temporary quarters are provided for the court, so that

the contractor can take possession of the building.

The taking down and removing of the buildings on the block bounded by Centre and Elm,
Franklin and White streets, to make way for the new Municipal building for courts, etc. This work is now nearly completed.

Plans and specifications have been made for paving the plaza in front of the City Hall with concrete blocks. These have been approved and are in the hands of the printer; the work will be advertised in a few days. This work will complete the improvements in front of the City Hall, and will add much to the appearance of the building.

#### FREE FLOATING BATHS.

The 13 free baths in charge of this Bureau have been thoroughly cleaned, repaired, painted and equipped for the season of 1889. 8 new pontoons have been built to replace old ones unfit for further service, and 84 pontoons have been overhauled, repaired and calked.

The approaches to the baths have been carefully reconstructed and new rails have been placed along the string-pieces of the docks as safeguards against accident which might be caused by the passing to and fro of the large number of bathers who patronize these baths.

Twelve of the new baths are now open for the public use, and one is ready for service and will be moored as soon as the Department of Docks assign it the position provided by law.

The requirement that men and boys over fifteen years of age are obliged to provide themselves with bathing dresses and wear them while in the water, is being enforced.

with bathing dresses and wear them while in the water, is being enforced.			
The following statement will show the location of, and date on which each bath	was	oper	ned:
Battery bath	June	12,	1889.
Stanton street. Corlears street Thirty-seventh street. Nineteenth street. Fifty-first street	44	13,	**
Corlears street	66	15,	**
Thirty-seventh street	66	17,	**
Nineteenth street.	44	18,	66
Fifty-first street	46	20,	**
One Hundred and Thirty-eighth street	"	23,	**
One Hundred and Twelfth street	66	30,	46
North river—			
Horatio street	66	14,	66
Duane street.	66	16,	**
Fifty-first street	66	24,	**
Horatio street Duane street Fifty-first street Twenty-seventh street	**	26,	

The number of bathers in the free baths from the commencement of the season to date, is esti mated as follows:

LOCATION OF BATHS.	MALES.	FEMALES.	TOTAL.
Battery bath, East river	38,500	16,000	54,500
Stanton street, East river	30,000	14,000	44,000
Corlears street, East river	27,000	12,000	39,000
Nineteenth street, East river	12,000	5,000	17,000
Thirty-seventh street, East river	15,400	7,000	22,400
Fifty-first street, East river	9,000	4,000	13,000
One Hundred and Twelfth street, East river	2,000	1,000	3,000
One Hundred and Thirty-eighth street, East river	4,500	2,000	6,500
Duane street, North river	16,000	6,000	22,000
Horatio street, North river	18,000	7,000	25,000
Twenty-seventh street, North river	2,000	1,000	3,000
Fifty-first street, North river	10,000	4,000	14,000
Total	184,400	79,000	263,400

In compliance with chapters 402 and 411, Laws of 1888, providing for the construction of two free baths, an Architect was appointed September 26, 1888, to prepare working drawings and specifications from sketches furnished him by this Bureau. March 12, 1889, the work was advertised; on March 25, 1889, the contract was let and awarded to Thomas J. Sheridan and signed by him on April 1, 1889. The terms of the contract provides that the work of construction shall be fully completed in 90 days from the date notice shall have been given to the contract or begin work.

Very respectfully,

W. G. BERGEN, Superintendent of Bureau of Repairs and Supplies.

### Document "L."

### REPORT OF THE SUPERINTENDENT OF INCUMBRANCES.

DEPARTMENT OF PUBLIC WORKS-BUREAU OF INCUMBRANCES, No. 31 Chambers Street, New York, July 3, 1889.

Hon. THOMAS F. GILROY, Commissioner of Public Works:

Dear Sir—I have the honor to make the following report of the business of this Bureau for the quarter ending June 30, 1889 (months of April, May and June, 1889):

1,341 complaints of obstructions received and attended to.

1,753 seizures and removals of obstructions made.
2,415 building permits issued.
368 miscellaneous permits issued.

3 permits issued to cut down shade trees. 256 notices issued to repair defective sidewalks.

2 notices issued to repair defective vault covers.

Expense of seizing and removing 1,753 articles, including 79 loads of dirt, stone, refuse, etc., and 148 dead and dangerous trees, stumps, etc., also 941 telegraph poles and 4,214,861 lineal feet of telegraph and electric-light wire..... \$13,407 81

Total expenses for the quarter ..... \$15,065 59 \$688 oo 739 85 \$1,427 85 All of which was duly paid over to the City Chamberlain.

Salary account—Appropriation. \$8,400 00
Expended up to June 30, 1889 3,582 76 \$4,817 24

Appropriation for the removal of obstructions in streets and avenues, including rents \$43,771 04 20,318 27 Amount expended up to June 30, 1889 Balance ..... \$23,452 77

Respectfully,

MICHAEL F. CUMMINGS, Superintendent of Incumbrances.

#### Document "M."

#### REPORT OF THE WATER REGISTER.

Bureau of Water Register, No. 31 Chambers Street, New York, June 30, 1889.

Hon. THOMAS F. GILROY, Commissioner of Public Works:

SIR-I herewith transmit statement of moneys received for water rents, penalties and taps, for the quarter ending June 30, 1889: April \$153,858 41 May 266,371 36 \$1,006 35

\$1,259 00 1,252 50 1,110 00 392 25 270 75 264,759 64 \$3,621 50 \$684,989 41 \$1,669 35

\$690,280 26 Total .....

Deposit to the credit of "Water-meter Fund, No. 2"-\$1,784 52 565 86 300 81 

\$2,651 19 "Special Fund-Repairing Streets"-\$1,057 00 

Respectfully submitted,

JOSEPH RILEY, Water Register.

### DEPARTMENT OF DOCKS.

At a special meeting of the Board of Docks, held August 6, 1889.

Present—Commissioners Post and Cram; absent, Commissioner Matthews.

The communication from Richard A. Storrs, Deputy Comptroller, in reference to the substitution of Victor Vierow in place of John F. Baxter, as surety to the estimate of the Union Dredging Company for dredging the slip at Piers, new 44, 45 and 46, North river, under Contract No. 307, was, On motion, ordered to be placed on file, and the following resolution adopted:

Resolved, That permission be and hereby is granted to the substitution of Victor Vierow as surety, in place of John F. Baxter, on the estimate of the Union Dredging Company for dredging at Piers, new 44, 45 and 46, North river, under Contract No. 307.

On motion, the Board adjourned.

G. KEMBLE, Secretary.

At a meeting of the Board of Docks, held August 8, 1889.

Present—Commissioners Post, Matthews and Cram.

The minutes of the meetings held August 1 and 2, 1889, were read and approved.

The minutes of the meetings held August 1 and 2, 1889, were read and approved.

The following communications were received, read, and,
On motion, ordered to be placed on file, action being taken where necessary, as stated, to wit:
From Engineer-in-Chief:

1st. Reporting non-commencement of dredging in the half slip adjoining the north side of Pier,
new 39, and the south side of Pier, new 40, North river, and the non-removal of the sand dumped
from scow "Ledford" at the foot of Thirtieth street, East river.

2d. Reporting non-removal of cement dumped from lighter "Suffolk" near the foot of One
Hundred and Twenty-third street, Harlem river. Referred to the Counsel to the Corporation with
a statement of the facts in connection therewith, and request his opinion as to the ownership of the
cement in question.

Hundred and Twenty-third street, Harlem river. Referred to the Counsel to the Corporation with a statement of the facts in connection therewith, and request his opinion as to the ownership of the cement in question.

3d. Partial report on Secretary's Order No. 9247, in relation to the condition of and the dredging required at Piers, old 33 and 34, East river.

The following communications were received, read, and,
On motion, ordered to be placed on file, action being taken where necessary, as stated, to wit:

From Counsel to the Corporation—Approving form of Contract No. 308 for repairing the crib-bulkhead between Piers, old 57 and 58, North river.

From Richard A. Storrs, Deputy Comptroller—Approving sureties of the Union Dredging Company for dredging at Piers, new 44, 45 and 46, North river, under Contract No. 307.

From Department of Street Cleaning—Reporting dangerous hole in the bulkhead foot of Forty-third street, East river. Referred to Engineer-in-Chief to examine and report.

From Morris & Cuming Dredging Company—Requesting permission to dredge the slips between Piers, new 32 and old 43, East river, to obtain additional depth of water over the site of the Sectional docks. The action of the President in issuing a permit, the work to be done under the direction and supervision of the Engineer-in-Chief, was approved.

From New England Terminal Company—Accepting the terms and conditions of the resolutions adopted August 1, 1889, for the erection of a shed on Piers, new 36 and old 45, East river, and stating that the detailed drawings called for are now being prepared and will shortly be submitted.

From Stephen H. Mills—Requesting permission to drive one oak fender-pile in place of one broken on Pier 23, East river. The action of the President in issuing a permit, the work to be done under the direction and supervision of the Engineer-in-Chief, was approved.

From David Whipple, agent—Requesting permission to drive a new spring oak pile in place of one broken on Pier 28, East river. The action of the Presi

approved.

From A. Van Santvoord and H. P. Farrington—Agreeing to the terms and conditions of the resolution adopted August 1, 1889, giving them license and consent to sublet the one-half of Pier to be constructed at or near the foot of Vestry street, North river.

From Brooklyn and New York Ferry Company—Requesting permission to dredge out at foot

of East Twenty-third street, as shown on diagram, and repair racks and docks foot of Roosevelt street, Grand street and East Twenty-third street, for a period of three months. The action of Commissioner Cram in issuing permits, the work to be done under the direction and supervision of the Engineer-in-Chief, the repairing to be done on same conditions as previously granted,

was approved.

From Henry B. Turner—Requesting permission to dredge in front of the bulkhead at Twenty-second street, East river.

Permit granted, the work to be done under the direction and supervision of the Engineer-in-Chief.

of the Engineer-in-Chief.

From E. Abeel, Dock Master—Reporting that the hole in the bulkhead, between Piers 43 and 44, East river, has not been repaired and is getting larger. The action of the President in directing the Engineer-in-Chief to examine and report was approved.

From Charles H. Thompson, Dock Master:

1st. Reporting that the backing-log at outer end of Pier 13, East river, needs repairing.

2d. Reporting that repairs are required to the sheathing on the easterly side of Pier 12, East river.

3d. Reporting that there is a hole in the paving of the approach to Pier, old 6, East river.

The action of the President in notifying the alleged owners to repair Piers 12 and 13, East river, and the lessees to repair paving on approach to Pier, old 6, East river, under the direction and supervision of the Engineer-in-Chief of this Department, was approved.

From James D. Leary—Requesting permission to put on about seven long fenders, butted on the structure owned by John H. Cheever, foot of Railroad avenue, Harlem river. Permission granted; the work to be done under the direction and supervision of the Engineer-in-Chief of this Department.

ment.

From Engineer-in-Chief:

1st. Reporting assignment of employes to special duty.
2d. Reporting the amount of work done during the week ending August 3, 1889.

3d. Reporting the falling down of rip-rap at approach to Pier at Fifty-first street, East river. The action of the President in directing the Engineer-in-Chief to repair, as recommended in his report, was approved.

4th. Reporting repairs required to Pier at West Seventeenth street, North river. The lessee, Robert S. Briggs, directed to repair, as recommended by the Engineer-in-Chief, and under his

direction and supervision.

5th. Reporting repairs required to Pier 27, East river, and crib of Pier foot of Third street, East river. The action of the President in directing the Baltimore and Ohio Railroad Company and the Ridgewood Ice Company lessees, respectively, to repair as recommended by the Engineer-in-Chief, and under his direction and supervision, was approved.

6th. Reporting repairs required to lower Pier at east side of Ward's Island, East river. The action of the President in directing the Engineer-in-Chief to repair, as recommended in his report, at a cost of about 5225, was approved.

action of the President in directing the Engineer-in-Chief to repair, as recommended in his report, at a cost of about \$225, was approved.

7th. Reporting that the New York Floating Dry Dock Company are dredging without a permit between Piers, new 32, and old 43, East river.

8th. Reporting repairs required to Piers, 53 and 55, East river. The action of the President in directing the Engineer-in-Chief to repair, as recommended in his report, was approved.

9th. Reporting that on the 6th instant he had directed that Laborer and Acting Watchman Joseph Trainor be not again assigned to duty as Acting Watchman, and recommending that his action he approved.

action be approved.

action be approved.

On motion, his action was approved.

Ioth. Report on Secretary's Order No. 9282, in relation to the communication received from the White Star Line, requesting repaying in front of Piers, new 44 and 45, North river, and bulkhead between. The Secretary directed to send them a copy of the Engineer-in-Chief's report, and advise that the Department will pave thereat at their expense if desired.

IIth. Report on Secretary's Order No. 9259, as to the condition of and repairs required to the upper Pier at east side of Ward's Island, East river. The action of the President in directing the Engineer-in-Chief to repair, as recommended in his report, at a cost of about \$350, was approved.

12th. Report on Secretary's Order No. 9292, repairs required to the bulkhead foot of One Hundred and Seventh street, Harlem river. The action of the President in directing the Engineer-in-Chief to repair, as recommended in his report, was approved.

in-Chief to repair, as recommended in his report, was approved.

13th. Report on Secretary's Order No. 9299, as to the condition of and repairs required to Pier foot Thirty-seventh street, East river. The action of the President in notifying the Baltimore and Ohio Railroad Company, lessees, to repair, under the direction and supervision of the Engineer-in-Chief, was approved. Chief, was approved.

14th. Report on Secretary's Order No. 9300, repairs required to pavement at bulkhead-platform foot of Forty-third street, East river. The action of the President in directing the Engineer-in Chief

to repair, as recommended in his report, was approved.

15th. Report on Secretray's Order No. 9285, as to the condition of and repairs required to the bulkhead foot of Fifty-second street, East river. The Engineer-in-Chief directed to repair, as recommended in his report, at a cost of about \$340.

16th. Report on Secretary's Order No. 9312, in reference to the application of T.C. Lyman & Co., for permission to repair small Pier, between Forty-ninth and Fiftieth streets, North river. Permission granted; the work to be done under the direction and supervision of the Engineer-in-Chief of this Department.

17th. Report on Secretary's Order No. 8428, that the order to superintend received which the bulkhead.

17th. Report on Secretary's Order No. 8428, that the order to superintend repairing bulkhead between Eighteenth and Nineteenth and Twentieth streets, North river, by D. C. Newell, has been revoked by resolution of the Board, July 25, 1889.

18th. Report on Secretary's Order No. 8646, in reference to the erection of a shed on Pier 36,

East river.

19th. Report on Secretary's Order No. 9055, that he had superintended the excavating of two hundred and ninety-four cubic yards of material dumped in the slip betwen Piers, old 41 and 42, North river, from the scow "Laura Tracy" owned by Brown & Fleming.

20th. Report on Secretary's Order No. 9322, that he had superintended replacing three white oak fender-piles at Pier 28, East river.

21st. Report on Secretary's Order No. 9321, that he had superintended driving pile at Pier 23,

East river. 22d. Report on Secretary's Order No. 932o, that he had superintended driving one pile at Pier 13, East river.

23d. Report on Secretary's Order No. 9225, that he had superintended replacing piles on Pier

23d. Report on Secretary's Order No. 9225, that he had superintended replacing piles on Pier at Thirty-first street, East river.

24th. Special report on Secretary's Orders Nos. 9032 and 9033, respecting the dredging under platforms between Piers 8 and 9, and 12 and 14, North river.

The communication from the Engineer-in-Chief, submitting a plan for the new street whatf or place required to be made by chapter 286 of the Laws of 1889, from the northerly line of East Forty-ninth street along the East river to a point south of the southerly line of East Fifty-third street, was, On motion, ordered to be placed on file, and the following resolution adopted:

Resolved, That the said plan be and hereby is approved by this Board and that it be and hereby is determined upon as the plan for an exterior street, wharf or place from Forty-ninth to Fifty-third street, East river, as required by chapter 286 of the Laws of 1889, and that it be transmitted to the Commissioners of the Sinking Fund for their approval.

The communications from the Engineer-in-Chief reporting non-commencement of dredging in the half slips on each side of Pier foot of Thirty-ninth street, North river, and in front of the bulkhead one hundred feet south of said Pier were.

On motion, ordered to be placed on file and the Engineer-in-Chief directed to prepare specifications and form of contract for dredging in the half slips on each side of the Pier foot of West Thirty-ninth street, North river, and in front of the bulkhead one hundred feet north and south of said Pier.

The communication from the Engineer-in-Chief submitting plans for change of lines for Pier, new 29, North river was,

new 29, North river was,
On motion, ordered to be placed on file and the following resolutions were adopted:
Resolved, That this Board deems it advisable to change the location of the new Pier at the foot of Vestry street, North river, from the location therefor as laid down on the plans determined by this Board April 13, 1871; and adopted and certified to by the Commissioners of the Sinking Fund, April 27, 1871, as follows:
The southerly line of Pier, new 29, to be one hundred and forty-two feet distant from the northerly side line of Pier, new 28 as now built, instead of about one hundred feet distant therefore as

erly side-line of Pier, new 28, as now built, instead of about one hundred feet distant therefrom as shown on the plans aforesaid, and the side-lines of Pier, new 29, to be parallel to the side-lines of Pier,

snown on the plans aforesaid, and the side-lines of Pier, new 29, to be parallel to the side-lines of Pier, new 28, as now built; all as shown on plan submitted in duplicate by the Engineer-in-Chief and hereby approved by this Board.

Resolved, That the Commissioners of the Sinking Fund be and they hereby are requested to consent to and approve the change in the location of the new Pier at the foot of Vestry street.

The application of the Western Transit Company, requesting a permit to erect on the upper side of Pier, new 6, East river, next to the bulkhead, two derricks and the privilege of using on said pier a tally-house and two dock-boxes, was,

On motion, taken from the table, ordered to be placed on file and the following resolution adopted:

adopted:

Resolved, That permission be and hereby is granted to the Western Transit Company, to erect and construct at their own expense, under the direction and supervision of the Engineer-in-Chief of this Department, two derricks on the upper side of Pier, new 6, East river, together with the privilege of using on said pier a tally-house and two dock-boxes, which are to be and remain thereat during the will of the Board. The said derricks to be maintained for the use of the public.

The special report of the Engineer-in-Chief on Secretary's Order No. 9026, in relation to the dredging ordered under the platform between Piers, old 1 and 2, North river, was ordered to be placed on file and

placed on file and, On motion, it was ordered that in cases where this Department has ordered dredging under the the Board of He on account of sanitary reasons, the Engineer-in-Chief be and hereby is directed to request the Health Department to send a sanitary inspector to examine such locations and report whether sufficient dredging is done for sanitary requirements.

On motion, the Engineer-in-Chief was directed to prepare plans, specifications and form of contract for building a new wooden pier at or near the foot of West Twenty-eighth street, to be known as Pier, new 58, North river.

The communication from John M. Bowers, attorney for Bradish Johnson, relating to the proposed purchase of wharf property between Forty-seventh and Forty-ninth streets, North river, was referred to Commissioners Matthews and Cram to agree upon a price, if possible, and report to the

On motion, the subject-matter respecting the changing of the railroad tracks used by the Chambers Street and Grand Street Ferry Railroad Company and the Houston, West Street and Pavonia Ferry Railroad Company on the newly-made land in front of the Pavonia ferry, foot of Chambers street, North river, was referred to the President, with power to arrange as to the kind of rails to be used and where located.

The Secretary reported that the pay-rolls for the General Repairs and Construction Force for the half month ending July 31, 1889, amounting to \$14,480.35, had been approved and audited, and he had forwarded the same, with requisitions for the amounts, to the Finance Department for payment.

On motion, his action was approved.

The communication from the Engineer-in-Chief, in reference to and submitting certain reports and maps in reference to Piers, old 23 and 24, North river, and the bulkhead between them was,

On motion, ordered to be placed on file and the following preambles and resolution adopted:
Whereas, By section 715 of chapter 410 of the New York City Consolidation Act of 1882, the
Board of the Department of Docks of the City of New York is authorized to acquire by purchase in
the name and for the benefit of the Corporation of the City of New York, any and all wharf

property in said city, and all rights, terms, easements and privileges pertaining thereto, subject to the approval of the Commissioners of the Sinking Fund, and in case of failure to agree upon a price for the same, to direct the Counsel to the Corporation of said city to take legal proceedings to acquire the same for the said Corporation,

And Whereas, This Department is desirous of acquiring, in the name and for the benefit of the Corporation of the City of New York, all that "wharf property" (as defined in section 724 of chapter 410 of the New York Consolidated Act of 1882), or so much thereof as is not now owned by the City—situated and being on the westerly side of West street, North river, between the centre line of Pier, old number 23, at the foot of Vesey street, and the centre line of Pier, old number 24—between Vesey and Barclay streets—claimed to be owned by James Cruikshank as trustee of Catharine Louise O'Connor Jones, and Nathaniel P. Rogers and S. V. R. Cruger, trustees under the will of James M. Pendleton, deceased; be it

Catharine Louise O'Connor Jones, and Nathaniel P. Rogers and S. V. R. Cruger, trustees under the will of James M. Pendleton, deceased; be it

Resolved, That this Board hereby offers to purchase said property and pay for a good and sufficient title therefor, free from all encumbrances whatsoever, the sum of \$50,000, subject to the approval of the Commissioners of the Sinking Fund as provided for by law; and be it further Resolved, That copies of this resolution be served upon James Cruikshank as Trustee of Catharine Louise O'Connor Jones and Nathaniel P. Rogers and S. V. R. Cruger, Trustees under the will of James M. Pendleton, deceased, and they be and hereby are requested within ten days from receipt thereof to notify this Board in writing whether the said owners will sell their respective rights and interests as aforesaid in the said premises to the Mayor, Aldermen and Commonalty of the City of New York for the price above mentioned, and in the event that they or either of them shall fail to notify this Board of their willingness to so convey their respective rights and interests as aforesaid, it shall be deemed that no price can be agreed upon for the said premises between the owners thereof and this Department.

The Engineer-in-Chief having reported that dredging is required in the slip between Piers, old 23 and 24, North river, the following preamble and resolution were,
On motion, adopted:

On motion, adopted:

On motion, adopted:
Whereas, the Engineer-in-Chief of this Department has reported that dredging is required in the slip between Piers, old 23 and 24, North river.
Resolved, That James Cruikshank, Trustee of Catharine Louise O'Connor Jones and Nathaniel P. Rogers and S. V. R. Cruger, Trustees under the will of James M. Pendleton, deceased, be and they hereby are notified and directed to dredge the slip between Piers, old 23 and 24, North river, for its inner three hundred feet to a depth of at least twenty feet at mean low water in order to remove the deposit of filth that has accumulated there, and to dredge deeper than twenty feet if the dredging to the depth of twenty feet does not remove all the filth.
The said dredging to be done under the direction and supervision of the Engineer-in-Chief of this Department.

this Department.

The Treasurer, Commissioner Matthews, submitted his report of receipts for the week ending August 7, 1889, amounting to \$177,769.92, which was received and ordered to be spread in ful on the minutes, as follows:

DATE,	From Whom,		FOR WHAT.	AMOUNT.	TOTAL.	DATE DEPOSITED.
1889.						1889.
Aug. 1	Compagnie Generale Transat- lantique	ı qrs.	rent Pier, new 42, N. R	\$7,625 00		
. 1	Cunard Steamship Co	**	Pier, new 40, etc., N, R	7,625 00		
,, I	Central R.R.Co.of New Jersey	**	l. u. w. pfm. Piers 12, 13, &			
			13, 14, N. R	400 00		
" 1		**	S. ½ Pier 14 & bhd., N. R	4.312 50		
10			N. ½ Pier 12 & ½ bhd., N.R.	1,900 00		
		**	Pier 13 & ½ bhd., N. R	3,750 00		
	**	**	l.u.w. for pfm. S.Pier 8, N.R.	375 00		1
" I	Maine S. S. Co	44	Pier, old 40, & bhd, N. R	5,000 00		
	mane 5. 5. Com min		Pier 38 & ½ bhd., N. R	3,000 00		
	Metropolitan S. S. Co		rent l, u w. pfm. Pier 38, E. R. rent bhd. pfm., etc., N. Pier 10,	33 21		
" 1	aretropoman 5. 3. Commit	r qra	N. R	187 50		
1	N. Y. & Baltimore Trans. Co.		bhd. pfm , bet. Piers 6 & 8, N. R			
" 1	Frank Phelps		Pier 40, E. R., & ½ bhd	100 00		
1	Quebec S. S. Co	**	Pier, new 47, etc., N. R	2,750 00		
	A. M. Underhill	**	Pier, new 38, N. R	4,250 00		
" 1	E. M. Van Tassell	ii	bhd., etc., S. of W. 11th st	7,875 00		
" 1	Suburban Rapid Transit Co	**	l. u. w. 129th st. & 2d ave	462 50		
" I	Hunt & Donaldson	ı mos.	rent bhd, bet. Piers, old 34 &	125 00		
			35, N. R	150 00		
" 1	Twenty-third St. Railway Co.	**	l. u. w. for pfm. 23d st., N.R.	100 00		
** 1	Saugerties & New York Steam- boat Co	- 16	S. side Pier, old 35, N. R	166 66	\$50,187 37	
11 2	Manhattan Railway Co	ı qrs. re	ent l. u. w. 159th st., H.R	\$1,250 00	\$30,107 37	Aug. 1
" 2	Pim, Forwood & Co	111	Pier, new 55, N. R	5,000 00		
" 2	B. F. Romaine	**	bhd. at E. 4th st	37 50		
" 2	M. Goodwin	4.6	bhd. at E. 49th st	150 00		
" 2	Neidlinger, Schmidt & Co	**	bhd. at E. 63d st	100 00		
" 2	#	**	bhd, bet. 63d & 64th sts	187 50		
11 2			bhd. foot E. 64th st	25 00		
2	John R. McPherson	**	l.u.w.for pfm. S of W.40th st.	57 75		
" 2	Ocean S. S. Co. of Savannah	**	Pier, new 35, N, R	8,750 00		
11 2	Del., L. & W. R. R. Co	**	pfm. bet. Piers 18 & 19, N.R.	375 00		
" 2	New York Steam Co	**	S. 1/2 Pier, old 23, N. R	500 00		
2	Jeremiah Skidmore's Sons	**	bhd. at E. 35th st	125 00		
" 2	Western Stock Yard	**	Pier, etc., foot W. 40th st	1,750 00		
2	Peter Charles	**	pfm. bet. Piers 38 & 39, E. R.	100 00		
" 2	Hoboken Land & Improve-	"	Lu u C Dandau at N D			
	ment Co	46	l. u. w. S. Barclay st., N. R.	2,151 00		
. 2	J. I. Housman		bhd. S. of Pier, old 54, N. R.	1,375 00		
. 2	Long Island Land Fertilizing	**	bhd., etc., E. 39th st	500 00		
" 2	Knickerbocker Ice Co	**	bhd.& Pier, E. 62d st	318 75		
" 2	"	**	Pier 20th st., N. R	750 00		
2	"	**	extension to Pier at 43d st.,			
		46	N. R N. B	25 00		
•			bhd. at Bank st., N. R	125 00		
-		46	bhd. E. 93d st	300 00		
	Homer Ramsdell	**	Pier at W. 129'h st	250 00		
	George H. Penniman	**	Pier, new 24, N. R	6,671 25		
. 2	Genge H. Fenniman	37	l. u. w. a fjoining Pier, old 36, E. R	750 00		
. 2	National Transit Co	**	1.u. w. S. of W. 97th st	25 00		
	THE PARTY NAMED IN COLUMN TWO IS NOT THE OWNER.	- 44	bhd. foot E.44th st			

Company.

to be done.

DA	TE.	From Whom.	FOR WHAT.	AMOUNT.	TOTAL.	DATE DEPOS
.18	8-	-		-	-	1889.
Aug		Catskill & N.Y. Steamboat Co	r qrs. rent bhd. at Pier, old 33, N. R	. \$2,500 00		1009.
**	2	Wm. P. Clyde	" E. ½ Pier 33, W. ½ Pier 34	2,000 00		1
**	2	J. P. Mesereau	" Pier, old 54, N. R	1		
**	2	Tremper & Morris	" N. 1/2 Pier, old 34, N. R			
	2	Union Stock Yard Co	" Pier at E. 58th st., N. R	1,250 00		
**	2	Sand & Koenig	" bath, foot E. 56th st	37 50		1
"	2	Penn. R. R. Co	" Pier, foot W. 35th st	1,125 00		
**	2	"	" Piers, new 27 & 28, N. R			
**	2		1. 4. 4. 561. 11615 4 62 5, 11. 10			
	-		ı, N. R	250 00		
**	2	"	" l. u. w. S. Pier 16, N. R	1		1
**	2	New Jersey R. R. & Trans. Co. Associates of the Jersey Co				
**	2	"	" N. ½ Pier, old 39, N. R " S. ½ Pier 18, etc., N. R			
44	3	Equitable Gas-light Co	" bhd.foot 40th st., E. R	1		
	2	"	" bhd. foot 41st st., E. R			
	2	James McLaughlin	". bhd. at W. 45th st			
ug.	2	Thomas Cunningham	" bhd. at E. 15th st	50 00		
	2	Robert S. Briggs	" Pier at W. 17th st	750 00		
**	2	Old Dominion Steamship Co	" Pier, new 26, N. R	7,500 00		
**	2		" bhd. S. Pier, new 27, N. R	2,500 00		
16	2	George W. Winant	" Pier W. 15th st			
**	2	Baltimore & Ohio R. R. Co	" Piers, old 20, 21, etc., N. R			
11	2	***	F. R	268 75		
16	2		Pier at E. 37th st	1		
					\$84,752 56	Aug.
	3	John Dobbins	" bhd. S. ½, 138th st., H. R	\$37 50		
	3	Wm. Cruikshank	" extension to Pier 9, N. R	200 00		
	3	Clark & Seaman	" pfm. bet. Piers 8 and 9, N. R.	375 00		A T
٤	3	James McClenahan	" Pier, new 60, N. R	500 00		
•	3	Bernheimer & Schmidt	" pfm, N. of 108th st., N. R	150 37		
	3	Ehrenreich Bros	" pfm. S. of 63d st., E. R  " Pier at Ganseyout st. N. R.	25 00		
	3	Lehigh Valley R. R. Co	" Pier at Gansevoort st., N. R.  pfm. bet. Piers 2 and 3, N. R.	875 00		
	3	N. Y. C. & H. R. R. R. Co	" Pier at 36th st., N. R	3,750 00		
	3	"	" I. u. w. N. Pier, old 33, N. R.	250 00		
	3	New Haven Steamboat Co	" Pier 25, and ½ bhd., E. R	2,250 00		
6	3	"	" W. ½ Pier 26 & ½ bhd., E.R	750 00		
	3	Prov. & Ston. S. S. Co	" S. 1/2 Pier, old 29, etc., N. R.	6,250 00		1
	3	"	" l. u. w., S. Pier, old 29, N. R.	40 00		
•	2	Geo, W. Plunkitt	Dump privilege bet. 94th and 95th sts., E. R	500 00		
					16,090 37	Aug.
	6	J. V. Brown	1 qrs. rent Pier at E. 25th st	\$250 00		
*	6	*	" Pier at E. 31st st	625 00		
	6	"	" Pier at E. 5th st	750 00		
	6	Iron Steamboat Co Isaac Untermyer	" Pier, new 1, N. R  " bhd. bet. 54th and 55th sts.,	7,525 00		
	0	Isaac Onternyer	E. R	75 00		
	6	A. Van Santvoord	" S. 1/2 Pier, old 39, N. R	r,875 00		
•	6	H. P. Farrington	" l. u. w. at Pier, old 39, N. R.	35 44		
	6	C. T. Van Santwoord	" Pier at 21st st., N. R	875 00		
	6	Now York & Torse C C C-	" Pier at 22d st., N. R " F. ¼ Pier 20 F. R	625 00		
	6	New York & Texas S. S. Co.	2.72 1101 20, 27 111111111	1,750 00		
ıg.	6	C. H. Mallory & Co	" W. ½ Pier 21, E. R	1,500 00		
	6	William I Reilly	" bhd. pfm. E. 104th st	50 00		
	6	William J. Reilly	" 6	273 24		
			" 8	194 75		
	6	Patrick J. Brady	0.0000000000000000000000000000000000000			
		Patrick J. Brady  George A. Dearborn	" 10	142 10		
	6		" 10	142 10		
	6	George A. Dearborn				
	6 6	George A. Dearborn  Charles B. Husted	" 12	121 92		
	6 6 6	George A. Dearborn	" 12	121 92 302 50		
	6 6 6 6	George A. Dearborn	" 12	121 92 302 50 316 72		
	6 6 6 6 6 6	George A. Dearborn  Charles B. Husted  Charles H. Thompson  Edward Abeel  Charles H. Pendergast  Charles Hutchinson  Joseph B. Erwin	" 12	121 92 302 50 316 72 71 59		
	6 6 6 6 6 6	George A. Dearborn  Charles B. Husted  Charles H. Thompson  Edward Abeel  Charles H. Pendergast  Charles Hutchinson	" 12	121 92 302 50 316 72 71 59 120 98		
	6 6 6 6 6 6 6	George A. Dearborn  Charles B. Husted  Charles H. Thompson  Edward Abeel  Charles H. Pendergast  Charles Hutchinson  Joseph B. Erwin  John J. Martin	" 12	121 92 302 50 316 72 71 59 120 98 74 07 38 14	17.799 62	Aug. 6
	6 6 6 6 6 6 6	George A. Dearborn  Charles B. Husted  Charles H. Thompson  Edward Abeel  Charles H. Pendergast  Charles Hutchinson  Joseph B. Erwin  John J. Martin	" 12	121 92 302 50 316 72 71 59 120 98 74 07	17.799 62	Aug. 6
	6 6 6 6 6 6 7 7	George A. Dearborn	" 12	121 92 302 50 316 72 71 59 120 98 74 07 38 14 \$625 00 75 00	17.799 62	Aug. 6
	6 6 6 6 6 6 7 7 7 7	George A. Dearborn	" 12	121 92 302 50 316 72 71 59 120 98 74 07 38 14 \$625 00 75 00	17.799 62	Aug. 6
	6 6 6 6 6 6 7 7 7 7 7 7	George A. Dearborn	" 12	121 92 302 50 316 72 71 59 120 98 74 07 38 14 \$625 00 75 00 125 00 375 00	17.799 62	Aug. 6
	6 6 6 6 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7	George A. Dearborn.  Charles B. Husted.  Charles H. Thompson.  Edward Abeel.  Charles H. Pendergast.  Charles Hutchinson.  Joseph B. Erwin  John J. Martin  Nassau Ferry Co.  "  Owens & Co.  Bridgeport Steamboat Co  F. W. J. Hurst.	" 12	121 92 302 50 316 72 71 59 120 98 74 07 38 14 \$625 00 75 00 375 00 7,625 00	17,799 62	Aug. 6
	6 6 6 6 6 6 7 7 7 7 7 7 7 7	George A. Dearborn	" 12	121 92 302 50 316 72 71 59 120 98 74 07 38 14 \$625 00 75 00 125 00 375 00	17,799 62 8,950 00	Aug. 6

The Board met for the purpose of receiving estimates for repairing the crib-bulkhead between Pier, old 57, near the foot of Bogart street, and Pier, old 58, near the foot of Bloomfield street on the North river. A representative of the Comptroller was present.

At a special meeting of the Board of Docks, held August 9, 1889.

Present-Commissioners Post, Matthews and Cram.

At an executive meeting of the Board of Docks held August 9, 1889.

The report of the Engineer-in-Chief on Secretary's Order No. 9314, in relation to the application Ciancimino's Towing and Transportation Company for permission to drive the necessary piles between Fifty-ninth and Sixtieth streets, East river, to enable them to moor a floating dump thereat

On motion, ordered to be placed on file, action being taken where necessary, as stated, to wit:

1st. Transmitting duplicate leases of Pier, new 40, North river, to the Cunard Steamship

2d. Transmitting duplicate leases of land under water in the vicinity of Market Slip to George H. Penniman, with his approval as to form endorsed thereon. On motion, the officers of the Board were authorized to execute said leases in the form as

From Gas Engine and Power Company—Requesting permission to erect platform and structure on piles on the Harlem river, near Commerce avenue. The action of the President in directing the Engineer-in-Chief to examine and report was approved.

From Consolidated Gas Company—Requesting permission to repair the gas service supplying Pier, new 1, North river. The action of the President in issuing a permit, provided they repair the pavement taken up, properly, or pay the Department for so doing, was approved.

From Union Ferry Company of Brooklyn—Requesting a permit to repair ferry racks and premises for the ensuing three months. Permit granted, upon condition that all the work shall be kept within existing lines, under the direction and supervision of the Engineer-in-Chief of this Department, and provided the said Company notify the Engineer-in-Chief in writing at least twenty-four hours before beginning any job or piece of repairs when and where the work is proposed to be done.

1st. Reporting barge, "Uncle Joe," upset at One Hundred and Fifteenth street, Harlem river. The Dock Master directed to report further particulars as to the upsetting of the said barge. 2d. Reporting dangerous hole foot of One Hundred and Fifteenth street, Harlem river. The Engineer-in-Chief directed to examine and report.

1st. Respecting the dredging required in the slip, between Pier, old 54, and West Eleventh street, North river. The Engineer-in-Chief directed to make requisitions for dredging thereat, as

2d. Report on Secretary's Order No. 9313, in relation to the application Ciancimino's Towing and Transportation Company, for permission to make the necessary repairs and alterations to bulk-head platform north of Fiftieth street, East river, for the purpose of establishing a stationary dumping-board thereat.

On motion, permit was granted, the said repairs and alterations to be made under the direction and supervision of the Engineer-in-Chief of this Department, provided said company shall pay for the use of the water-front thereat belonging to the city the sum of \$3.50 per week, payable weekly when due, to the Dock Master of the district, commencing Monday, August 19, 1889, and to continue during the will of the Board.

Present-Commissioners Post, Matthews and Cram.

The following communications were received, read, and

On motion, laid on the table.

From Counsel to the Corporation:

approved by the Counsel to the Corporation.

From John J. Martin, Dock Master:

From Engineer-in-Chief:

On motion, the Board adjourned.

recommended in his report.

Eight estimates were received as follows: 

 No. 1. From William P. Kelly, with \$70 in cash
 \$4,500 00

 \*\* 2. From Fearon & Jenks, with \$70 in cash
 5,816 00

 \*\* 3. From Barth S. Cronin, with \$70 in cash
 5,739 00

 \*\* 4. From John W. Flaherty, with \$70 in cash
 4,293 00

 \*\* 5. From John H. Staats, with \$70 in cash
 5,890 00

 \*\* 6. From John S. Gillies, with \$70 in cash
 6,000 00

 \*\* 7. From Fogg & Scribner, with \$70 check
 6,200 00

 \*\* 8. From William H. Morton, with \$70 check
 5,489 00

 On motion, the Secretary was directed to transmit to the Comptroller the security deposits made by said bidders and accompanying their estimates.

The following resolution was, On motion, adopted:

Resolved, That the contract opened this day for repairing the crib-bulkhead between Pier, old 57, near the foot of Bogart street, and Pier, old 58, near the foot of Bloomfield street, on the North river, be and hereby is awarded to John W. Flaherty, he being the lowest bidder, upon the approval of the sureties by the Comptroller of the City.

On motion, the Board adjourned.

G. KEMBLE, Secretary.

G. KEMBLE, Secretary.

### METEOROLOGICAL OBSERVATORY

### 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 August 24, 1889.

DAME		7 A.M.	2 F.M.	9 P.M.	MEAN FOR THE DAY.	MAXI	MUM.	MINI	MUM.
August.		Reduced to Freezing.	Reduced to Freezing.	Reduced to Freezing.	Reduced to Freezing.	Reduced to Freezing.	Time.	Reduced to Freezing.	Time.
Sunday,	18	30.028	30.004	30.012	30.015	30.034	9 A.M.	30.000	O A.M.
Monday,	19	30.044	29.996	29.978	30.006	30.046	9 A.M.	29.952	12 P.M.
Tuesday,	20	29.918	29.900	29.904	29.907	29.952	o A.M.	29.900	4 A.M.
Wednesday,	21	29.902	29.842	29.814	29.853	29.902	9 A.M.	29.800	12 P.M.
Thursday,	22	29.816	29.842	29.880	29.846	29.900	12 P.M.	29.792	3 A.M.
Friday,	23	29.946	29.922	29.910	29.926	29.972	9 A.M.	29.900	o A.M.
Saturday,	24	30.000	30.018	30.088	30.035	30.096	12 P.M.	29.922	3 A.M.

 Mean for the week
 29,941

 Maximum
 at 12 P.M., August 24th
 30.095

 Minimum
 at 3 A.M., August 22d
 29,792

 Range
 304

Respectfully submitted,

JAMES MATTHEWS, Treasurer.

G. KEMBLE, Secretary.

On motion, the Board adjourned.

	7	. м.	21	ν.м.	91	.м.	ME	AN.		MAX	IMUN	ı.		Min	IMUN	d.	MAXIMU
DATE. August.	Dry Bulb.	Wet Bulb.	Dry Bulb.	Time.	Wet Bulb.	Time.	Dry Bulb.	Time.	Wet Bulb.	Time.	In Sun.						
Sunday, 18	60	56	71	63	69	65	66.6	61.3	77	5 P.M.	68	6 P.M.	59	5 A.M.	56	5 A.M.	129. 2 P
Monday, 19	63	58	77	68	74	69	71.3	65.0	79	5 P.M.	69	5 P.M.	60	5 A.M.	58	5 A.M.	123. I P
Tuesday, 20	70	65	81	72	75	70	75-3	69.0	82	5 P.M.	74	4 P.M.	68	6 A.M.	64	6 A.M.	126. 12 N
Wednesday,21	71	68	84	74	79	73	78.0	71.6	87	4 P.M.	76	4 P.M.	69	4 A.M.	67	4 A.M.	135. 12 M

Thermometers

	Dry Bulb.		Wet Bulb.
Mean for the week		at 4 P.M., 218t	
Minimum " at 5 A.M., 18th		at 5 A.M., 18th	
Range "			20, "

Thursday, 22 73 69 80 68 74 70 75.6 69.0 83 4 P.M. 72 O A.M. 73 7 A.M. 67 II A.M. 23 68 62 73 66 70 67 70.3 65.0 73 O A.M. 69 O A.M. 66 6 A.M 61 6 A.M. Saturday, 24 67 66 75 69 71 69 71.0 68.0 81 4 P.M. 73 4 P.M. 66 3 A.M. 65 3 A.M. 131. 1 P.M.

						Win	d.						
			Directio	N.	1	ELOCIT	ry in M	ILES.	Forci	E IN Po	UNDS PI	er Squa	RE FOOT.
Augi	-	7 A.M.	2 P.M.	9 P.M.	to	to	2 P. M. to 9 P. M.	Distance for the Day.	7 A.M.	2 P. M.	9 P. M.	Max.	Time.
Sunday,	18	NW	NW	S	40	28	9	77	0	0	0	34	II P.M.
Monday,	19	W	w	sw	26	37	49	112	0	1/4	0	2	3.10 P.M.
Tuesday,	20	W	WNW	WNW	54	56	24	134	0	1/2	0	11/2	9.30 A.M.
Wednesday	, 21	NW	sw	SW	11	42	59	112	0	1	1/4	11/2	4.30 P.M.
Thursday,	22	WNW	WNW	N	55	43	16	114	0	34	0	1	I A.M.
Friday,	23	NNE	ENE	NE	34	52	33	119	1/2	0	0	1	9 A.M.
Saturday,	24	NNE	NE	ENE	19	25	22	66	0	•	0	3/4	4.20 P.M.

Ξ				
	Distance traveled during			
	Maximum force	 	2 Dounds.	

		1	Hygi	rom	ete	r.			(	llouds.		Rain a	nd Sn	ow.	0	zon	e.
DATE.			CE OF POR.				VE MID-			EAR, ERCAST, 1	0.	<b>Дертн о</b> в	RAINAN	d Sne	w in l	Inch	ES,
August.	7 A.M.	2 P.M.	9 F.M.	Mean.	7 A.M.	2 P.M.	g P.M.	Mean.	7 A.M.	2 P.M.	9 P.M.	Time of Beginning.	Time of Ending.	н Duration.	Amount of Water.	Depth of Snow.	0, 10,
Sunday, 18	.396	.469	. 564	.476	76	62	79	72	10	2 Cir.	0						0
Monday, 19	.416	.564	.641	.540	72	61	76	70	0	6 Cir. Cu	3 Cir.		******				0
Tuesday, 20	.550	.663	.666	.626	75	62	77	71	2 Cir.	5 Cir.	0						0
Wedn'day,21	,644	.704	.730	.693	85	60	74	73	7 Cir.	3 Cir.	0						0
Thursday, 22	.655	. 524	.679	,619	80	51	81	71	2 Cir.	2 Cir.	10						2
Friday, 23	.476	.545	622	- 548	69	67	85	74	10	8 Cir.Cu	10	5 P.M.	8.30 P.M.	3.30	.09		8
Saturday, 24	.626	.628	.682	.645	94	72	90	85	10	4 Cir.	5 Cu.	0.30 A.M.	8 A.M.	7.30	.13		8

Total amount of water for the week	
Duration for the week	11 hours, oo minutes.

DAT	E.		7 A. M.	2 P. M.	
Sunday, Monday, Tuesday, Wednesday, Thursday, Friday, Saturday,	"	18 19 20 21 22 23 24	Mild, hazy Mild, hazy Mild, hazy Close, hazy Warm, close Mild, overcast Close, raining	Mild, pleasant. Warm, hazy. Warm, close, hazy. Warm, close, hazy. Mild, pleasant, hazy.	

DANIEL DRAPER, Ph. D., Director.

### CIVIL SERVICE SUPERVISORY AND EXAMINING BOARDS.

NEW YORK CITY CIVIL SERVICE BOARDS, ) COOPER UNION NEW YORK, August 26, 1889.

WILLIAM G. McLAUGHLIN, Esq., Supervisor of the City Record:

DEAR SIR-In accordance with Civil Service Regulations, I hereby report the following appointments:

By the Department of Charities and Correction-

As Attendants on the Insane, on probation: August 9. Isaac Findlay, Nora Murphy.

August 11. Agnes Kearns.
August 13. James J. Friel.
August 14. Lydia F. Hanan.
August 15. Kate Timmons, Frederick W. Penn, George W. Whitman.
August 16. Emil Hofman, James McDowell.

August 13. Kate Stewart, as Nurse. August 14. Charles T. Mitchell, as Nurse. August 15. Marion Nolan, as Nurse.

By the Department of Street Cleaning— August 14. Miss Margaret D. O'Toole, as temporary Stenographer and Type-writer.

By the Department of Public Works-

Mugust 14. Patrick Fox, as Inspector of Regulating and Grading; character certified to by W. H. Hume, No. 2 West Fourteenth street; P. J. Moran, No. 200 West One Hundred and Twenty-fifth street; P. C. Donnelly, Grand Boulevard and One Hundred and Thirty-sixth street; W. S. Larkin, M. S., No. 328 St. Nicholas avenue.

August 19. Fred. W. Brown, as Inspector of Water to Shipping; character certified to by Arthur Phillips, No. 66 Third avenue; A. E. Goetz, No. 127 Fourth avenue; J. J. Fleming, No. 123 Fourth avenue; R. Marriman, No. 130 Third avenue.

August 20. John J. Kelly, as Inspector of Paving; character certified to by A. L. Putney, No. 206 West Thirty-ninth street; R. J. Sullivan, No. 222 West Thirty-first street; John Morgan, No. 343 West Thirty-ninth street; J. L. Thornton, No. 520 Eighth avenue.

Very respectfully, yours, GUNTHER K. ACKERMAN, Secretary and Executive Officer.

### DEPARTMENT OF STREET CLEANING.

DEPARTMENT OF STREET CLEANING—CITY OF NEW YORK, Nos. 49 AND 51 CHAMBERS STREET, NEW YORK, August 20, 1889.

In accordance with the provisions of section 51, chapter 410 of the Laws of 1882, the Commissioner of Street Cleaning makes the following abstract of the transactions of this Department for the week ending July 28, 1889:

Streets Swept.			2.20
By Department forces. By contract, lower Broadway			Miles. 1,065.922 15.000
Total			1,080.922
Material Collected.			
	Ashes and Garbage,	Street Sweepings.	Total Loads.
By Department forces		6,970	22,493
Lower Broadway		43	43
On permit— Bureau of Markets Departments of Public Works and Public Parks Manufacturers (boiler ashes, etc.).		401	208 401 3,263
Totals	18,994	7,414	26,408
Final Disposition of Material.			
At sea and behind bulkheads—		Loads.	
33 dumpers at sea. 9 deck scows at sea. 13 deck scows at Dutch Kills Creek.		3,624 5,637	22.412
In lots for filling-in, fertilizing, etc.— At One Hundred and Fortieth street and Fifth avenue. At One Hundred and Thirty-seventh street and Madison avenue At various places For fertilizing.		161 244 698 360	23,412
Total disposition			24,875

### Appointments.

Denis Fitzgerald, Hired Cart, First Precinct.
Henry Weider, Hired Cart Eleventh Precinct.
Peter McGowan, Laborer, Twenty-second Precinct.
Hugh McCarran, Laborer, Twelfth Precinct.
Thomas Drisland, Laborer, Thirtieth Precinct.
T. Sullivan, Laborer, Fourth Precinct.
James Flynn, Laborer, Thirteenth Precinct.
Edward Murray, Hired Cart, Eleventh Precinct.
William B. Calvert, Hired Cart, Eleventh Precinct.
Emil D. Otto, Hired Cart, Tenth Precinct.
Eliis Altman, Hired Cart, Tenth Precinct.
Jacob Keetner, Department Cart Driver.
John O'Brien, Laborer, Twelfth Precinct.
Samuel R. Haysman, Laborer, Seventh Precinct.
James Quirk, Laborer, Seventh Precinct.
Nicholas Vallondiore, Laborer, Thirteenth Precinct.
James Sullivan, Department Cart Driver.
P. Cantwell, Department Cart Driver.
Antonio Passolano, Laborer, Seventh Precinct.
Michael Demande Leborer, Seventh Precinct. James Sullivan, Department Cart Driver.
P. Cantwell, Department Cart Driver.
Antonio Passolano, Laborer, Seventh Precinct.
Michael Demauch, Laborer, Seventh Precinct.
Bernard Frice, Hired Cart, Eleventh Precinct.
John Pickett, Hired Cart, Fourteenth Precinct.
Patrick Cavanagh, Laborer, Twenty-ninth Precinct.
John Sheehan, Hired Cart, Twenty-third Precinct.
Mrs. Kate Neader, Hired Cart, Twenty-fifth Precinct.
John Lennon, Hired Cart, Twenty-fifth Precinct.
Thomas Rose, Laborer, Extra Cleaning Squad.
Ant. Cassel, Laborer, Extra Cleaning Squad.
V. Vorogo, Laborer, Extra Cleaning Squad.
Thomas Murphy, Hired Cart, Twelfth Precinct.
Michael Murphy, Hired Cart, Twelfth Precinct.
Michael Rooney, Hired Cart, Fifth Precinct.
Anthony, Corbano, Laborer, Extra Cleaning Squad.
Vincent Gargam, Laborer, Extra Cleaning Squad.
Daniel Harrington, Laborer, Extra Cleaning Squad.
Peter Lennon, Laborer, Twenty-first Precinct.
William Diefenback, Department Cart Driver.
Tony Meyer, Department Cart Driver.
Michael Lynch, Department Cart Driver.
Michael Lynch, Department Cart Driver.
Nobito Vilagliano, Laborer, Eleventh Precinct.
August Vitting, Department Cart Driver.
Nobito Vilagliano, Laborer, Seventh Precinct.
John Smith, Assistant Dump Inspector.
Henry W. Wolf, Assistant Dump Inspector.
Farrell O'Garragh, Department Cart Driver.
T. Clune, Department Cart Driver. Department Cart Drive George Doran, Department Cart Driver.
John McGibney, Department Cart Driver.
Edward Byrne, Department Cart Driver.
James Flanagan, Department Cart Driver.
John Cadimatre, Laborer, Sixth Precinct.

### Removals.

M. O'Brien, Laborer, Twelfth Precinct. W. Nolan, Laborer, Fourth Precinct. M. Beatty, Laborer, Thirteenth Precinct. M. Beatty, Laborer, Thirteenth Precinct.
M. Cummiskey, Laborer, Twelfth Precinct.
T. Bohan, Hired Cart, Twenty-fith Precinct.
John Flynn, Laborer, Twelfth Precinct.
Con. Raggoni, Laborer, Fourth Precinct.
H. Lugy, Laborer, Fourth Precinct.
Dom. Ventry, Laborer, Fourth Precinct.
W. Anderson, Laborer, Fourth Precinct.
John Harkins, Laborer, Fifth Precinct. W. Anderson, Laborer, Fourth Precinct.
John Harkins, Laborer, Fifth Precinct.
James Jones, Laborer, Fifth Precinct.
William Mooney, Laborer, Fifth Precinct,
W. J. Phelan, Laborer, Fifth Precinct,
Frank Rocks, Laborer, Sixth Precinct.
A. Falittie, Laborer, Sixth Precinct.
A. Lutz, Laborer, Sixth Precinct.
Francis Jim, Laborer, Seventh Precinct.
Con. Sullivan, Laborer, Eighth Precinct.

James Kelly, Laborer, Eighth Precinct. M. Collins, Laborer, Eighth Precinct. James Corbett, Laborer, Ninth Precinct. James Kelly, Laborer, Eighth Precinct.

James Corbett, Laborer, Rinth Precinct.

Daniel Donovan, Laborer, Eleventh Precinct.

Owen Short, Laborer, Eleventh Precinct.

Thomas Gallagher, Laborer, Eleventh Precinct.

Owen Short, Laborer, Twelfth Precinct.

P. McDonald, Laborer, Thirteenth Precinct.

P. McDonald, Laborer, Thirteenth Precinct.

A. Delaney, Laborer, Fourteenth Precinct.

J. O'Rourke, Laborer, Fourteenth Precinct.

B. Branigan, Laborer, Fourteenth Precinct.

Chris. Buchelein, Laborer, Fourteenth Precinct.

Chris. Buchelein, Laborer, Fourteenth Precinct.

H. Callaghan, Laborer, Twenty-fifth Precinct.

P. O'Hara, Laborer, Twenty-fifth Precinct.

H. Eisenstein, Laborer, Twenty-fifth Precinct.

H. Eisenstein, Laborer, Twenty-sixth Precinct.

T. Brady, Laborer, Twenty-sixth Precinct.

T. Brady, Laborer, Twenty-ninth Precinct.

T. Brady, Laborer, Twenty-ninth Precinct.

J. Brady, Laborer, Twenty-ninth Precinct.

John Sendy, Laborer, Twenty-ninth Precinct.

John Delaney, Hired Cart, Ninth Precinct.

John Travers, Hired Cart, Twenty-first Precinct.

John Kehoe, Department Cart Driver.

Thomas Kerrigan, Department Cart Driver.

P. Mulcare, Department Cart Driver.

Milliam Hughes, Department Cart Driver.

John Golden, Department Cart Driver.

John Higgins, Department Cart Driver.

John Higgins, Department Cart Driver.

N. Klausman, Department Cart Driver.

William Kelligham, Department Cart Driver.

John Kelligham, Department Cart Driver.

M. Klausman, Department Cart Driver.

Edward Synnett, Department Cart Driver.

M. Mulvey, Department Cart Driver.

Edward Synnett, Department Cart Driver.

M. Demauch, Laborer, Seventh Precinct. R. M. Ferris, Department Cart Driver. M. Demauch, Laborer, Seventh Precinct. Jacob Keetner, Department Cart Driver. T. Rose, Laborer, Extra Cleaning Squad. Ant. Cassel, Laborer, Extra Cleaning Squad. V. Vorogo, Laborer, Extra Cleaning Squad.

Bids	for	Feed
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John E. Connolly & Co. Theo. P. Huffman, approved James Fitzpatrick	\$613 616 644	
		=

Public Moneys Collected.

and transmitted to City Chamberlain: For trimming scows..... \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

A. H. ROGERS, Deputy and Acting Commissioner of Street Cleaning.

### EXECUTIVE DEPARTMENT.

MAYOR'S OFFICE,

NEW YORK, February 1, 1889. Pursuant to section 9 of chapter 339, Laws of 1883, I hereby designate the "Daily News" and the "New York Morning Journal," two of the daily papers printed in the City of New York, in which notice of each sale of practical and in which notice of each sale of unredeemed pawns or pledges by public auction in said city, by pawnbrokers, shall be published for at least six days previous thereto, until otherwise ordered.

HUGH J GRANT, Mayor.

### OFFICIAL DIRECTORY.

STATEMENT OF THE HOURS DURING which all the Public Offices in the City are open for pusiness, 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 4 P.M.; Saturdays, 10 A. M. to 12 M.
HUGH J. GRANT, Mayor. THOMAS C. T. CRAIN,
Secretary and Chief Clerk.

Mayor's Marshal's Office. No. 1 City Hall, 9 A. M. to 4 P. M. DANIEL ENGELHARD, First Marshal. FRANK FOX, Second Marshal.

COMMISSIONERS OF ACCOUNTS. Rooms 114 and 115, Stewart Building, 9 A. M. to 4 P.M. MAURICE F. HOLAHAN, EDWARD P. BARKER.

AQUEDUCT COMMISSIONERS. Room 200, Stewart Building, 5th floor, 9 a. m. to 5 p. m. IAMES C. DUANE, President; JOHN C. SHEEHAN Secretary; A. FTELEY, Chief Engineer; J. C. LULLEY, Auditor.

BOARD OF ARMORY COMMISSIONERS. THE MAYOR, Chairman; PRESIDENT OF DEPARTMENT F TAXES AND ASSESSMENTS, Secretary.
Address M COLEMAN, Staats Zeitung Building, Tryon
ow. Office hours, 9 A. M. to 4 P. M.; Saturdays, 9 A. M.

COMMON COUNCIL. Office of Clerk of Common Council. No. 8 City Hall, 9 A. M. to 4 P. M. JOHN H. V. ARNOLD, President Board of Aldermen. FRANCIS J. TWOMEY, Clerk Common Council.

City Library. No. 12 City Hall, 10 A. M. to 4 P. M. WILLIAM H. RURODE, City Librarian.

DEPARTMENT OF PUBLIC WORKS.

Commissioner's Office.

No. 31 Chambers street, 9 A. M. to 4 P. M. THOMAS F. GILROY, Commissioner; BERNARI, F. MARTIN, Deputy Commissioner.

Bureau of Chief Engineer. No. 31 Chambers street, 9 A. M. to 4 P. M. GEORGE W. BIRDSALL, Chief Engineer.

Bureau of Water Register. No. 31 Chambers street, 9 A. M. to 4 P. M. JOSEPH RILEY, Register.

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

Engineer-in-Charge of Sewers. No. 31 Chambers street, 9 A. M. to 4 P. M. Horace Loomis, Engineer-in-Charge,

Bureau of Repairs and Supplies.

No. 31 Chambers street, 9 A. M. to 4 P. M. WILLIAM G. BERGEN, Superintendent. Bureau of Water Purveyor.

No. 31 Chambers street, 9 A. M. to 4 P. M. WM. H. BURKE, Water Purveyor.

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

Bureau of Streets and Roads. No. 31 Chambers street, 9 A. M. to 4 P. M. John B. Shea, Superintendent.

Bureau of Incumbrances. No. 31 Chambers street, g A. M. to 4 P. M. MICHAEL F. CUMMINGS, Superintendent.

Keeper of City Hall. MARTIN J. KEESE, City Hall.

### FINANCE DEPARTMENT.

Comptroller's Office,

No. 15 Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.
THEODORE W. MYERS, Comptroller; RICHARD A
STORRS, Debuty Comptroller.

Auditing Bureau. Nos 19, 21, 23 Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M. WILLIAM J. LVON, First Auditor. DAVID E. AUSTEN, Second Auditor.

Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents. Nos. 31, 33, 35, 37, 39 Stewart Building, Chambers street and Broadway, 9 A M. to 4 P. M.
ARTEMAS S. CADY, Collector of Assessments and Clerk of Arrears.
No money received after 2 P. M.

Bureau for the Collection of City Revenue and of Markets.

Nos. 1 and 3 Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.

JAMES DALY, Collector of the City Revenue and uperintendent of Markets.

No money received after 2 P. M.

Bureau for the Collection of Taxes. No. 57 Chambers street and No. 35 Reade street, Stewart Building, 9 A. M. to 4 P. M. GEORGE W. McLEAN, Receiver of Taxes; Alfred VREDENBURGH, Deputy Receiver of Taxes. No money received after 2 P. M.

Bureau of the City Chamberlain. Nos. 25, 27 Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M. RICHARD CROKER, City Chamberlain.

Office of the City Paymaster. No. 33 Reade street, Stewart Building, 9 A. M. to 4 P. M. JOHN H. TIMMERMAN, City Paymaster.

#### LAW DEPARTMENT.

Office of the Counsel to the Corporation. Staats Zeitung Building, third and fourth floors, 9 A. M. to 5 P. M. Saturdays, 9 A. M. to 12 M. WILLIAM H. CLARK, 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. CHARLES E. LYDECKER, Public Administrator.

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

### POLICE DEPARTMENT.

Central Office.

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

Chief Clerk; John J. O'Brien, Chief Bureau of Elections

DEPARTMENT OF CHARITIES AND CORRECTION.

Central Office.

No 66 Third avenue, corner Eleventh street, 9 A. M. to 4 P.M. HENRY H. PORTER, President; GEORGE F. BRITTON,

HENRY H. PORTER, President; GEORGE F. DRITTON, Secretary.
Purchasing Agent, FREDERICK A. CUSHMAN. Office hours, 9 A. M. to 4 P. M. Saturdays, 12 M. Contracts, Proposals and Estimates for Work and Materials for Building, Repairs and Supplies, Bills and Accounts, 9 A. M. to 4 P. M. Saturdays, 12 M. CHARLES BENN, General Bookkeeper.
Out-Door Poor Department. Office hours, 8.30 A. M. to 4.30 F. M. WILLIAM BLAKE, Superintendent. Entrance on Eleventh street.

FIRE DEPARTMENT.

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

Headquarters.

Nos. 157 and 159 East Sixty-seventh street. HENRY D. PURROY, President; CARL JUSSEN, Secretary.

Bureau of Chief of Department. HUGH BONNER, Chief of Department.

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

Bureau of Fire Marshal

JAMES MITCHELL, Fire Marshal. Bureau of Inspection of Buildings. THOMAS J. BRADY, Superintendent of Buildings.

Attorney to Department. WM. L. FINDLEY.

Fire Alarm Telegraph.

J. ELLIOT SMITH, Superintendent. Central Office open at all hours.

Repair Shops. Nos. 128 and 130 West Third street. John Castles, Foreman-in-Charge, 8 A. M. to 5 P. M.

Hospital Stables.

Ninety-ninth street, between Ninth and Tenth avenues. JOSEPH SHEA, Foreman-in-Charge. Open at all hours.

### HEALTH DEPARTMENT.

No. 301 Mott street, Q A. M. to 4 P. M. CHARLES G. WILSON, President; EMMONS CLARK,

### DEPARTMENT OF PUBLIC PARKS.

Emigrant Industrial Savings Bank Building, Nos. 49 and 51 Chambers street, 9 A.M. to 4 P.M. Saturdays, 12 M. WALDO HUTCHINS, President; CHARLES DE F. BURNS,

Secretary.

Office of Topographical Engineer.

Arsenal, Sixty-fourth street and Fifth avenue, 9 A. M

Office of Superintendent of 23d and 24th Wards. One Hundred and Forty-sixth street and Third avenue, 9 A. M. to 5 P. M.

### DEPARTMENT OF DOCKS.

Battery, Pier A, North river.
EDWIN A. POST, President; G. KEMBLE, Secretary.
Cffice hours, from 9 A. M. to 4 P. M.

DEPARTMENT OF TAXES AND ASSESSMENTS

Staats Zeitung Building, Tryon Row, 9 A. M. to 4 P. M. Saturdays, 12 M. MICHABL COLEMAN, President; FLOYD T. SMITH, Secretary.

Office Bureau Collection of Arrears of Personal Taxes. No. 53 Chambers street, Room 41, 9 A.M. to 4 P.M. HENRY BISCHOFF, Jr., Attorney; SAMUEL BARRY Clerk.

### 49 and 51 Chambers street. Office hours, 9 A.M. to 4 P.M. JAMES S. COLEMAN, Commissioner; ALBERT H. ROGERS, Deputy Commissioner; R. W. HORNER, Chief Clerk. DEPARTMENT OF STREET CLEANING.

### CIVIL SERVICE SUPERVISORY AND EXAMINING BOARDS.

Cooper Union, 9 A. M. to 4 P. M.

JAMES THOMSON, Chairman of the Supervisory Board;
GUNTHER K. ACKERMAN, Secretary and Executive
Officer.

BOARD OF ESTIMATE AND APPORTIONMENT Office of Clerk, Staats Zeitung Building, Room 5. The Mayor, Chairman; Charles V. Adee, Clerk.

### BOARD OF ASSESSORS. Office, 27 Chambers street, 9 A. M. to 4 P. M. EDWARD GILON, Chairman; WM. H. JASPER, Secretary

BOARD OF EXCISE.

No. 54 Bond street, 9 A. M. to 4 P. M.
ALEXANDER MEAKIM, President; JAMES F. BISHOP,
certary and Chief Clerk.

### SHERIFF'S OFFICE.

Nos. 6 and 7 New County Court-house, 9 A.M. to 4 P.M.
JAMES A. FLACK, Sheriff; JOHN B. SEXTON, Und r
Sheriff; JOHN M. TRACY, Order Arrest Clerk.

REGISTER'S OFFICE. East side City Hall Park, 9 A. M. to 4 P. M.
JAMES J. SLEVIN, Register; JAMES A. HANLEY,
Deputy Register.

### COMMISSIONER OF JURORS.

om 127, Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.
CHARLES REILLY, Commissioner; JAMES E. CONNER,
Deputy Commissioner.

### COUNTY CLERK'S OFFICE.

Nos. 7 and 8 New County Court-house, 9 A. M. to 4 P. M. EDWARD F. REILLY, County Clerk; P. J. Scully, Deputy County Clerk.

## DISTRICT ATTORNEY'S OFFICE. Second floor, Brown-stone Building, City Hall Park,

9 A. M. to 4 P. M.

JOHN R. FELLOWS, District Attorney; JAMES McCABB,
Chief Clerk.

#### THE CITY RECORD OFFICE,

And Bureau of Printing, Stationery, and Blank Books. No. 2 City Hall, 9 A. M. to 5 P. M., except Saturdays, on which days 9 A. M. to 12 M. WILLIAM G. McLaughlin, Supervisor; R. P. H. Abell, Bookkeeper.

#### CORONERS' OFFICE.

Nos. 13 and 15 Chatham street, 8 A. M. to 5 P. M. Sundays and holidays, 8 A. M. to 12:30 P. M.
MICHAEL J. B. MESSEMER, FEEDINAND LEVY, DANIEL HANLY, LOUIS W. SCHULTZE, COTONETS; EDWARD F. REVNOLDS, Clerk of the Board of Coroners.

### SUPREME COURT!

To.30 A. M. CHARLES H. VAN BRUNT, Presiding Justice; EDWARD F. REILLY, Clerk; P. J. SCULLY, Deputy County Clerk. General Term, Room No. 9, WILLIAM LAMB, Jr., Clerk. Special Term, Part I., Room No. 10, HUGH DONNELLY, Clerk. Second floor, New County Court-house, opens at

Special Term, Part II., Room No. 18, WILLIAM J. HILL, Clerk. Chambers, Room No. 11, AMBROSE A. McCALL.

Circuit, Part I., Room No. 12, WALTER A. BRADY, Circuit, Part II., Room No. 14, JOHN B. McGOLDRICK, Clerk Circuit, Part III., Room No. 13, GEORGE F. Lyon,

Clerk Circuit, Part IV., Room No. 15, J. Lewis Lyon, Clerk, Judges' Private Chambers, Rooms Nos. 19 and 20. SAMUEL GOLDBERG Librarian.

#### SUPERIOR COURT.

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

### COURT OF COMMON PLEAS.

Third floor, New County Court-house, 9 A. M. to 4 P. M. Assignment Bureau, Room No. 23, 9 A. M. to 4 P. M. Clerk's Office, Room No. 21, 9 A M. to 4 P. M. General Term, Room No. 24, 11 o'clock A M. to adjournment.

Special Term, Room No. 22, 11 o'clock A. M. to adjournment.

journment. Chambers, Room No. 22, 10.30 o'clock A. M. to adjourn-

ment.
Part I., Room No. 26, 11 o'clock A. M. to adjournment
Part II., Room No. 24, 11 o'clock A. M. to adjournment
Equity Term, Room No. 25, 11 o'clock A. M. to adjournment.
Naturalization Bureau, Room No. 23, 9 A. M. to 4 P. M
RICHARD L. LARREMORE, Chief Justice; NATHANIEI
JARVIS, Jr., Chief Clerk.

### COURT OF GENERAL SESSIONS.

No 32 Chambers street. Parts I, and II. Court open at 11 o'clock A. M.

FREDERICK SMYTH, Recorder: RANDOLPH B. MARTINE, HENRY A. GILDERSLEEVE and RUFUS B. COWING, Judges of the said Court.

Terms, first Monday each month.

JOHN SPARKS, Clerk. Office, Room No. 11, 10 A. M. till 4 P. M.

### CITY COURT.

City Hall.

General Term, Room No. 20.
Trial Term, Part I., Room No. 20.
Part II., Room No. 19.
Part III., Room No. 15.
Specia. Term, Chambers, Room No. 21, 10 A. M. to

4 P. M. Clerk's Office, Room No. 10, City Hall, 9 A. M. to 4 P. M. DAVID McAdam, Chief Justice; MICHAEL T. DALY Clerk.

### OYER AND TERMINER COURT.

New County Court-house, second floor, southeast corner, Room No. 12. Court opens at 10½ o'clock A.M. Clerk's Office, Brown-stone Building, City Hall Park, second floor, northwest corner, Room No. 11, 10 A.M.

### COURT OF SPECIAL SESSIONS.

At Tombs, corner Franklin and Centre streets, daily at 10.30 A. M., excepting Saturday. Clerk's Office, Tombs.

### DISTRICT CIVIL COURTS.

First District—Third, Fifth and Eighth Wards, and all that part of the First Ward lying west of Broadway and Whitehall street, southwest corner of Centre and Chambers streets.

PETER MITCHELL, Justice.

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

Second District—Second, Fourth, Sixth and Fourteenth Wards, and all that portion of the First Ward lying south and east of Broadway and Whitehall street, corner of Pearl and Centre streets, 9 A. M. to 4 P. M. CHARLES M. CLANCY, Justice.

Third District—Ninth and Fifteenth Wards, southwest corner Sixth avenue and West Tenth street. Court open daily (Sundays and legal holidays excepted) from 9 A. M. to 4 P. M. George B. Deane, Justice.

Fourth District—Tenth and Seventeenth Wards, No 30 First street, corner Second avenue. Court opens 9 A. M. daily; continues to close of business.

ALFRED STECKLER, Justice.

Fifth District—Seventh, Eleventh and Thirteenth Wards No 154 Clinton street.
HENRY M. GOLDFOGLE, Justice.

Sixth District—Eighteenth and Twenty-first Wards, No. 61 Union place, Fourth avenue, southwest corner of Eighteenth street. Court opens 9 a. m. daily; continues to close of business.

SAMSON LACHMAN, Justice.

Seventh District—Nineteenth Ward, No. 151 East Fifty-seventh street. Court opens every morning at 9 o'clock (except Sundays and legal holidays) and continues to the close of business, Ambrose Monell, Justice.

Eighth District—Sixteenth and Twentieth Wards, southwest corner of Twenty-second street and Seventh avenue. Court opens at 9 A. M. and continues to close of business. Clerk's office open from 9 A. M. to 4 P. M. each court day.

Trial days, Wednesdays, Fridays and Saturdays. Return days, Tuesdays, Thursdays and Saturdays. John Jeroloman, Justice.

Ninth District—Twelfth Ward, except all that portion of the said ward which is bounded on the north by the centre line of One Hundred and Tenth street, on the south by the centre line of Eighty-sixth street, on the east by the centre line of Sixth avenue, and on the west by the North river, No. 225 East One Hundred and Twenty-fifth street.

JOSEPH P. FALLON, Justice.
Clerk's office open daily from 9 A. M. to 4 P. M. Trial days, Tuesdays and Fridays. Court opens at 9½ A. M.

Tenth District—Twenty-third and Twenty-fourth Wards, corner of Third avenue and One Hundred and Fifty-eighth street.

Office hours, from 9 A.M. to 4 P.M. Court opens at

9 A. M. Andrew J. Rogers, Justice.

Eleventh District—No. 919 Eighth avenue, Twenty-second Ward, and all that portion of the Twelfth Ward which is bounded on the north by the centre line of One Hundred and Tenth street, on the south by the centre line of Eighty-sixth street, on the east by the centre line of Sixth avenue, and on the west by the North river. Court open daily (Sundays and legal holidays excepted) from 9 A. M. to 4 P. M.

THOMAS E. MURRAY, Justice.

#### POLICE COURTS.

POLICE COURTS.

Judges—Maurice J. Power, J. Henry Ford, Jacob Patterson, Jr., James T. Kilbereth, John J. Gorman, Henry Murray, Solon B. Smith, Andrew J. White, Charles Welde, Daniel O'Reilly, Patrick G. Duffy, Daniel F. McMahon, Edw. Hogan, John Cochrane, Charles N. Taintor.

George W. Cregier, Secretary.

Office of Secretary, Fifth District Police Court, One Hundred and Twenty-fifth street, near Fourth avenue. First District—Tombs, Centre street, Second District—Jefferson Market.

Third District—No. 69 Essex street.

Fourth District—Fifty-seventh street, near Lexington avenue.

Fifth District-One Hundred and Twenty-fifth street,

near Fourth avenue.

Sixth District—One Hundred and Fifty-eighth street and Third avenue.

### DEPARTMENT OF STREET CLEANING.

#### NOTICE.

PERSONS HAVING BULKHEADS TO FILL, IN the vicinity of New York Bay, can procure material for that purpose—ashes, street sweepings, etc., such as scollected by the Department of Street Cleaning—free of charge, by applying to the Commissioner of Street Cleaning, at No. 51 Chambers street.

J. S. COLEMAN, Commissioner of Street Cleaning

### DEPARTMENT OF PUBLIC PARKS.

Department of Public Parks,

Nos. 49 and 51 Chambers Street,
New York, August 14, 1889.

NOTICE IS HEREBY GIVEN THAT THE
Commissioners of the Department of Public Parks,
in the City of New York, will, on the 11th day of September, 1889, at 11 o'clock a.m., at their office in the
Emigrants' Savings Bank Building, Nos. 49 and 51
Chambers street, in said city, hear and consider all
statements, objections and evidence that may then and
there be offered in reference to a contemplated change
in the width of Union street, from Lind avenue to
Marcher avenue, in the Twenty-third Ward, in pursuance of the provisions of chapter 721 of the Laws of

suance of the provisions of chapter 721 of the 1887.

The general character and extent of the contemplated change consist in reducing Union street from 60 to 50 feet in width, discontinuing and closing a portion and changing and establishing the grades of said street, from Lind to Marcher avenue.

A map showing the proposed change is now on exhibition in said office.

WALDO HUTCHINS,

M. C. D. BORDEN,

J. HAMPDEN ROBB,

ALBERT GALLUP,

Commissioners of Public Parks.

DEPARTMENT OF PUBLIC PARKS,
NOS. 49 AND 51 CHAMBERS STREET,
NEW YORK, AUGUST 14, 1889.)

NOTICE IS HEREBY GIVEN THAT THE
Commissioners of the Department of Public
Parks, in the City of New York, will, at their office,
Nos. 49 and 51 Chambers street, in the Emigrants
Savings Bank Building, in said city, on Wednesday,
September 11, 1889, at 11 o'clock A. M., hear and consider all statements, objections and evidence that may
then and there be offered in reference to a contemplated change of classification of Juliet street (formerly
East One Hundred and Fifty-eighth street), from Sherman avenue to Morris avenue, in the Twenty-third
Ward, in pursuance of the provisions of chapter 721 of
the Laws of 1887.

Ward, in pursuance of the provisions of chapter 721 of the Laws of 1887.

The general character and extent of the contemplated change consist in changing Juliet street from third to first class.

A map showing the proposed change is now on exhi-bition in said office.

WALDO HUTCHINS,
M. C. D. BORDEN,
J. HAMPDEN ROBB,
ALBERT GALLUP,
Commissioners of Public Parks.

### AUCTION SALE.

THE DEPARTMENT OF PUBLIC PARKS WILL sell at Public Auction by I Thomas State A sell at Public Auction, by J. Thomas Stearns, Auctioneer, buildings and parts of buildings, fences, etc., now standing within the lines of the following streets, avenues and parkways, viz.:

r. Plaza at One Hundred and Tenth street and Fifth

East One Hundred and Forty-ninth street, between 2. East One Hundred and Forty-finith street, between Southern Boulevard and Austin place.
3. Courtland avenue, between One Hundred and Fifty-sixth and One Hundred and Sixty-first streets.
4. Lind avenue.
5. Crotona Parkway.
6. Burnside avenue, from Webster to Sedgwick avenue.

7. Bronx and Pelham Parkway. 8. Van Cortlandt Park Parade Ground.

9. Spuyten Duyvil Parkway.
10. Mosholu Parkway.
The buildings, fences, etc., on numbers 1, 2, 3 and 4 over mentioned, will be sold August 26, 1889, commences 21 for the second August 26, 1889, commences 21 for the second

above mentioned, will be sold August 26, 1889, commencing at 10 A.M.
The buildings, etc., on numbers 5, 6 and 7, above mentioned, will be sold August 27, 1889, at 10 A.M., and those on numbers 8, 9 and 10, on August 28, 1889, commencing at the same hour.
The sale will begin with and in front of premises numbered one, viz.: at the Plaza at One Hundred and Tenth street and Fifth avenue, and will be continued in the order arranged in the catalogue.

#### TERMS OF SALE.

Terms of Sale.

The purchase moneys to be paid in bankable funds at the time of sale.

The purchasers will be required to remove their property within twenty days from date of sale.

Purchasers to be liable for any and all damages to persons, animals or property by reason of the removal of said buildings, etc.

For further information, and for the catalogues, apply at the office of the Department, Nos. 49 and 51 Chambers street; at One Hundred and Forty-sixth street and Third avenue; at Lorillard House, Bronx Park, or at Tremper House, Van Cortlandt Park.

By order of the Department of Public Parks.

CHARLES DE F. BURNS,

Secretary.

Dated New York, August 12, 1889.

### FINANCE DEPARTMENT.

PROPOSALS FOR \$162,510.48 CONSOLI-DATED STOCK OF THE CITY OF NEW YORK, KNOWN AS SCHOOL-HOUSE BONDS.

INTEREST THREE PER CENT. PER ANNUM.

SEALED PROPOSALS WILL BE RECEIVED by the Comptroller of the City of New York, at his office, until Tuesday, the 3d day of September, 1889, at 2 o'clock P. M., when they will be publicly opened in the presence of the Commissioners of the Sinking Fund, or such of them as shall attend, as provided by law, for the whole or a part of an issue of One Hundred and Sixty-two Thousand Five Hundred and Ten Dollars and Forty-eight Cents (\$162,510.48), Registered Stock, denominated

### CONSOLIDATED STOCK

of the City of New York, and known as "School-house Bonds," the principal payable in lawful money of the United States of America, at the Comptroller's office of said city, on the first day of November, in the year one THOUSAND NINE HUNDRED AND EIGHT, with interest at the rate of THREE FER CENTUM per annum, payable semi-annually on the first day of May and November in each year.

annuary of the free each year.

The said stock is issued in pursuance of the provisions of section 132 of the New York City Consolidation Act of 1882, and chapter 136, Laws of 1888, for the purchase of new school sites, for the erection of new school buildings, and for fitting up and furnishing the same for the use of the Common Schools of the City of New York.

#### CONDITIONS

Conditions.

Section 146 of the New York City Consolidation Act of 1882 provides that "the Comptroller, with the approval of the Commissioners of the Sinking Fund, shall determine what, if any, part of said proposals shall be accepted, and upon the payment into the City Treasury of the amounts due by the persons whose bids are accepted, respectively, certificates therefor shall be issued to them as authorized by law"; and provided also, "that no proposals for stock shall be accepted for less than the par value of the same."

Those persons whose bids are accepted will be required to deposit with the City Chamberlain the amount of stock awarded to them at its par value, together with the premium thereon, within three days after notice of such acceptance.

The proposals should be inclosed in a sealed envelope, indorsed "School-house Bonds" of the Corporation of the City of New York, and each proposal should also be inclosed in a second envelope, addressed to the Comptroller of the City of New York.

THEO. W. MYERS, Comptroller.

CITY OF NEW YORK, FINANCE DEPARTMENT, COMPTROLLER'S OFFICE, August 22, 1889.

LE AT PUBLIC AUCTION OF THE RIGHT, TITLE AND INTEREST OF THE CITY OF NEW YORK IN AND TO CERTAIN LAND IN THE TWELFTH WARD.

A LL THE RIGHT, TITLE AND INTEREST of the Corporation of the City of New York in and to a certain parcel of land in the Twelfth Ward in said City, will be sold at Public Auction to the highest bidder, at the office of the Comptroller, at noon on Thursday, the 29th day of August, 1889, under a resolution of the Commissioners of the Sinking Fund adopted July 25, 1880, as follows, to wit:

at the office of the Comptroller, at noon on Thursday, the 29th day of August, 1889, under a resolution of the Commissioners of the Sinking Fund adopted July 25, 1880, as tollows, to wit:

Resolved, That the Comptroller be and he is hereby authorized and directed to sell for cash at public auction, to the highest bidder, all the right, title and interest of the Corporation of the City of New York, in and to a certain tract or parcel of land at Harlem, in the City and County of New York, bounded and described as follows, viz: Beginning at a point in the northeasterly line of One Hundred and Tenth street, distant one hundred and sixteen feet and five inches southeasterly from the northeasterly corner of First avenue and One Hundred and Tenth street; running thence southerly along the boundary line, between the land of George Bradish on the west, and James Reosevelt on the east, four hundred and thirty-six feet and eight inches to a point in the south line of One Hundred and Ninth street, at a point distant four hundred and eleven feet seven inches southeasterly from the southeasterly corner of First avenue and One Hundred and Ninth street; thence again southerly on the same boundary line about two hundred and twenty-eight feet to highwater mark at the edge of the marsh at the Harlem of the Harlem or East river fifteen feet to the northerly line of One Hundred and Eighth street; thence northewesterly along the high-water line of the Harlem or East river fifteen feet to the northerly line of One Hundred and Eighth street; thence northerly along the said northerly line of One Hundred and Eighth street is the northerly side of One Hundred and Eighth street; thence northerly along said last named boundary line to a point where First avenue and the northerly side of One Hundred and Eighth street; thence on ortherly along said last named boundary line to a point on the southerly line of One Hundred and Ninth street; thence southerly line of One Hundred and Ninth street; disamented boundary line to a point on the souther One Hundred and Ninth street; thence still northerly on the same course, to a point on the southerly line of One Hundred and Ninth street, distant one hundred and nine feet and two inches west of First avenue; thence still on the same course, about thirty feet to the line of the edge of the meadow or extreme high-water mark at the upland in One Hundred and Ninth street; thence along said last named line of the edge of the meadow or extreme high-water mark, easterly, northerly and northeasterly, as the same winds and turns, to the northerly line of One Hundred and Tenth street, at a point about fifteen feet easterly from the easterly line of said First avenue; thence still along the edge of the meadow or extreme

high-water mark, to a point about twenty-four feet northerly of the northerly line of One Hundred and Tenth street, at the easterly boundary line of said property; and thence southerly along said easterly boundary line about thirty feet to the place of beginning. Provided that nothing in the sale and conveyance of said premises shall be taken or construed as in any way releasing or affecting any claim or right of the Mayor, Aldermen and Commonalty of the City of New York to collect and recover any and all taxes, assessments and water rents heretofore levied, imposed or assessed upon said premises, and now remaining unpaid or any part thereof, as fully in all respects as if the said sale and conveyance had never been made; nor shall said sale and conveyance had never been from the said sale and conveyance be taken or construed to be a release of any right, title, interest or lien in or upon the said premises existing in favor of the said Mayor, etc., by reason of any sale for the non-payment of taxes, assessments or Croton water rents at any time heretofore had or made.

Terms—Cash at time of sale and purchaser to pay auctioneer's fee.

THEO. W. MYERS, Comptroller,

City of New York—Finance Department, Comptroller's Office, July 26, 1889.

#### 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 tacilities for reducing the cost of examinations and searches, is invited to these Official Indices of Records, containing all recorded transfers of real estate in the City of New York from 1653 to 1857, prepared under the direction of the Commissioners of Records.

### POLICE DEPARTMENT.

Police Department of the City of New York, No. 300 Mulberry Street

TO CONTRACTORS.

PROPOSALS FOR ESTIMATES.

SEALED ESTIMATES FOR SUPPLYING THE Police Department with Stationery and Printing for election purposes will be received at the Central Office of the Department of Police in the City of New York, until 12 o'clock M, of Wednesday, the 28th day of August, 1839.

The person or persons making an estimate shall furnish the same in a sealed envelope, indorsed "Estimate for furnishing Stationery and Printing," and with his or their name or names, and the date of presentation to the head of said Department, at the said office, on or before the day and hour above named, at which time and place the estimates received will be publicly opened by the head of said Department and read, and the award of the contract made to the lowest bidder with adequate security, as soon thereafter as practicable.

For particulars as to the quantity and kind of stationery and printing required, reference must be made to the specifications, blank forms of which may be obtained at the office of the Chief Clerk in the Central Department. Bidders will state a price for the work and material furnished in accordance with the specifications. The price must be written in the bid, and stated in figures. Permission will not be given for the withdrawal of any bid or estimate, and the right is expressly reserved by the head of said Department to reject any or all bids which may be deemed prejudicial to the public interests.

No estimates 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 upon boxes, and delivered at such times and lages

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

The entire quantity of stationery and printing is to be put up in boxes, and delivered at such times and places and in such quantities in each place, as shall be directed by the Chief of the Bureau of Elections.

The person or persons to whom the contract may be awarded will be required to give security for the performance of the contract in the manner prescribed by law, in the sum of two thousand five hundred dollars.

Each estimate shall contain and state the name and place of residence of each of the persons making the same; the names of all persons interested with him or them therein; and if no other person be so interested, it shall distinctly state that fact; also, that it is made without any connection with any other person making an estimate for the same purpose; and is in all respects fair, and without collusion or fraud; and that no member of the 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 estimate must be verified by the oath, in writing, of the party or parties making the estimate, that the several matters stated therein are in all respects true. Where more than one person is interested, it is requisite that the verification be made and subscribed by all the parties interested.

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

which he would be entitled upon 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 and herein stated, over and above all his debts of every nature, and over and above his liabilities as bail, surety and otherwise; and that he has offered himself as a surety in good faith and with the intention to execute the bond required by law. The adequacy and sufficiency of the security offered will be subject to approval by the Comptroller of the City of New York after the award is made and prior to the signing of the contract. Should the person or persons to whom the contract may be awarded neglect or refuse to accept the contract within five days after written notice that the same has been awarded to his or their bid or proposal, and that the adequacy and sufficiency of the security offered has been approved by the Comptroller, or if he or they accept but do not execute the contract and give the proper security, he or they shall be considered as having abandoned it and as in default to the Corporation, and the contract will be readvertised and relet, as provided by law.

the contract will be readvertised and read, by law.

No estimate will be received or considered unless accompanied by either a certified check upon one of the National or State banks of the City of New York, drawn to the order of the Comptroller, or money, to the amount of five per centum of the amount of the preliminary 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.

Samples of stationery and printing required may be examined and blank forms for estimates may be obtained by application to the Chief of the Bureau of Elections, at his office in the Central Department.

By order of the Board.

WILLIAM H. KIPP, Chief Clerk.

New York, August 10, 1889.

New York, August 10, 1889.

Police Department of the City of New York, No. 300 Mulberry Street.

### TO CONTRACTORS.

#### PROPOSALS FOR ESTIMATES.

SEALED ESTIMATES FOR SUPPLYING THE Police Department with two thousand tons of best quality of Lehigh Coal will be received at the Central Office of the Department of Police in the City of New York, until 12 o'clock M. of Wednesday, the 28th day of August, 1889.

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

For particulars as to the quality, kind and quantity of each size of coal required, reference must be made to the specifications, blank forms of which may be obtained at the office of the Chief Clerk in the Central Department.

The attention of bidders is called to the following now

the specifications, blank forms of which may be obtained at the office of the Chief Clerk in the Central Department.

The attention of bidders is called to the following provision of the contract: "And it is hereby expressly agreed by and between the parties to this contract that the said parties of the second part may, and they are hereby authorized to increase or diminish the amounts of coal, required to be furnished herein, by an amount not to exceed ten per cent, without compensation to the said party of the first part, other than the prices per ton herein agreed upon to be paid for the amount actually furnished under this agreement."

Bidders will state a price per ton of two thousand pounds for the coal to be delivered. The price must be written in the bid and stated in figures. Permission will not be given for the withdrawal of any bid or estimate, and the right is expressly reserved by the head of said Department to reject any or all bids which may be deemed prejudicial to the public interests.

No estimates 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, upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

The entire quantity of coal is to be delivered within thirty days from the date of the execution and delivery of the contract.

The person or persons to whom the contract may be awarded will be required to give security for the per-

surety or otherwise, upon any obligation to the Corporation.

The entire quantity of coal is to be delivered within thirty days from the date of the execution and delivery of the contract.

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

Each estimate shall contain and state the name and place of residence of each of the persons making the same; the names of all persons interested with him or them therein; and if no other person be so interested, it shall distinctly state that fact; also, that it is made without any connection with any other person making an estimate for the same purpose; and is nall 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 order officer of the Corporation, is directly or indirectly interested therein, or in the supplies or work to which it relates, or in any portion of the profits thereof. The estimate must be verified by the oath, in writing, of the party or parties making the estimate, that the exveral matters stated therein are in all respects true. Where more than one person is interested, it is requisite that the verifications of the profits thereof. The estimate shall be accompanied by the consent, in writing, of two householders or fresholders in the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, upon its being so awarded, become bound as his sureties for its faithful performance; and that if he shall omit or refuse to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled upon its completion, and that which the Corporation may be obliged to pay to the person or persons to whom the contract and berein stated, over and above his liabilities as b

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

By order of the Board,
WILLIAM H. KIPP, Chief Clerk.
NEW YORK, August 10, 1889.

Police Department—City of New York,
Office of the Property Clerk (Room No. 9),
No. 300 Mulberry Street,
New York, 1889.

OWNERS WANTED BY THE PROPERTY
Clerk of the Police Department of the City of New
York, No. 300 Mulberry street, Room No. 9, for the
following property, now in his custody, without claimants: Boats, rope, iron, lead, male and female clothing,
boots, shoes, wine, blankets, diamonds, canned goods
liquors, etc., also small amount money taken from
prisoners and found by patrolmen of this Department
LOHN F. HARPIOT

JOHN F. HARRIOT. Property Clerk.

### CIVIL SERVICE SUPERVISORY AND EXAMINING BOARDS.

New York CITY CIVIL SERVICE BOARDS, COOPER UNION, New York, July 20, 1889.

#### NOTICE.

Office hours from 9 A. M. until 4 P. M.
 Blank applications for positions in the classified service of the city may be procured upon application at the above office.

3. Examinations will be held from time to time as the needs of the several Departments of the City Government may require. When examinations are called, all persons who have filed applications prior to that date will be notified to appear for examination for the position

specified.

4. All information in relation to the Municipal Civil
Service will be given upon application either in person
or by letter. Those asking for information by mail
should inclose stamp for reply.

5. The classification by schedule of city employees is
astollower.

should inclose stamp to a schedule of city employees is as follows:

Schedule A shall include all deputies of officers and commissioners duly authorized to act for their principals, and all persons necessarily occupying a strictly confidential position.

Schedule B shall include clerks, copyists, recorders, bookkeepers and others rendering clerical services, except type-writers and stenographers.

Schedule C shall include Policemen, both in the Police Department and Department of Parks, and the uniformed force in the Fire Department, and Doormen in the Police Department.

Department.

Schedule D shall include all persons for whose duty special expert knowledge is required not included in Schedule E.

Special expert knowledge is required not included in Schedule E.

Schedule E shall include physicians, chemists, nurses, orderlies and attendants in the city hospitals and asylums, surgeons in the Police Department and the Department of Public Parks, and medical officers in the Fire Department.

Schedule F shall include stenographers, type-writers and all persons not included in the foregoing schedules, except laborers or day workmen.

Schedule G shall include all persons employed as laborers or day workmen.

Positions falling within Schedules A and G are exempt from Civil Service examination.

G. K. ACKERMAN.

G. K. ACKERMAN, Secretary and Executive Officer,

### DEPARTMENT OF PUBLIC CHAR ITIES AND CORRECTION.

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

### TO CONTRACTORS.

FOR GROCERIES AND LEATHER. PROPOSALS

SEALED BIDS OR ESTIMATES FOR FUR-

GROCERIES, ETC.

8,000 pounds Dairy Butter, sample on exhibition Thursday, September 5, 1889. 3,000 pounds Barley, price to include packages. 400 pounds Cocoa. 3,500 pounds Rio Coffee, roasted. 1,000 pounds Wheaten Grits, price to include packages.

3,500 pounds Rio Coffee, roasted.
1,00 pounds Wheaten Grits, price to include packages.
500 pounds Chicory.
2,000 pounds Oatmeal, price to include packages.
3,800 pounds Oatmeal, price to include packages.
1,400 pounds Prunes.
1,500 pounds Rice.
1,500 pounds Evaporated Apples.
1,500 pounds Brown Sugar.
2,300 pounds Granulated Sugar.
50 pounds Granulated Sugar.
50 pounds Granulated Sugar.
50 pounds Oclong Tea.
4,252 dozen Fresh Eggs, all to be candled.
350 barrels good, sound White Potatoes, 172 pounds net per barrel.
50 barrels prime Red or Yellow Onions, 150 pounds net per barrel.
1,600 heads prime good-sized Cabbage, to be delivered in crates or barrels.
10 tubs prime quality Kettle-rendered Leat Lard, 50 pounds each.
600 bushels Oats, 32 pounds net.
600 bushels Oats, 32 pounds net.
600 bushels Oats, 32 pounds net.
601 bags Fine Meal, 100 pounds net.
602 bags Fine Meal, 100 pounds net.
603 barrels first quality Sal Soda, about 340 pounds per barrel.
603 barrels Standard White Kerosene Oil, 1500 test.

15 barrels Standard White Kerosene Oil, 150°

LEATHER.

to sides good damaged Sole Leather, to weigh 21 to 25 pounds each.

100 sides first quality waxed Upper Leather, to average about 17 feet.

1,000 pounds Offal Leather.

n,000 pounds Offal Leather.

-will be received at the office of the Department of Public Charities and Correction, in the City of New York, until 1c o'clock A. M. of Friday, September 6, 1889. The person or persons making any bid or estimate shall furnish the same in a sealed envelope, indorsed "Bid or Estimate for Groceries, and Leather," with his or their name or names, and the date of presentation, to the head of said Department, at the said office, on or before the day and hour above named, at which time and place the bids or estimates received will be publicly opened by the President of said Department and read.

The Board of Public Charities and Correction Resserves the right to respect all bids or estimates. As provided in Section 64, Chapter 410, Laws of 1882.

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

surety or otherwise, upon any obligation to the Corporation.

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

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

Any bidder for this contract must be known to be engaged in and well prepared for the business, and must
have satisfactory testimonials to that effect, and the
person or persons to whom the contract may be awarded

will be required to give security for the performance of the contract by his or their bond, with two sufficient sureties, in the penal amount of fifty (50) per cent. of the ESTIMATED amount of the contract.

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

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, with their respective places of business or residence, to the effect that if the contract, be awarded to the person making the estimate, they will, on its being so awarded, become bound as his sureties for its faithful performance; and that if he shall omit or refuse to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled on its completion and that which the Corporation any difference between the sum to which he would be entitled on its completion and that which the Corporation any difference between the sum to which he would be entitled on its completion and that which the Corporation any difference between the sum to w

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 having 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 on exhibition at the office of the said Department. Bidders are cautioned to examine the specifications for particulars of the articles, etc., required, before making their estimates.

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

Bidders will write out the amount of their estimate in

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

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

The form of the contract, including specifications, and showing the manner of payment, will be furnished at the office of the Department; and bidders are cautioned to examine each and all of its provisions carefully, as the Board of Public Charities and Correction will insist upon its absolute enforcement in every particular.

Dated New York, August 26, 1889. HENRY H. PORTER, President, CHAS. E. SIMMONS, M. D., Commissioner, EDWARD C. SHEEHY, Commissioner, Public Charities and Correction.

### TO CONTRACTORS.

MATERIALS AND WORK REQUIRED FOR PLUMBING AND STEAM HEATING AT ATTENDANTS' BUILDING, N. Y. CITY ASYLUM FOR INSANE, WARD'S ISLAND, N. Y.

SEALED BIDS OR ESTIMATES FOR THE aforesaid work and materials, in accordance with the specifications and plans, will be received at the office of the Department of Public Charities and Correction, No. 66 Third avenue, in the City of New York, until 10 o'clock A. M. of Wednesday, September 4, 1889. The person or persons making any bid or estimate shall furnish the same in a sealed envelope, indorsed "Bid or Estimate for Plumbing and Steam Heating, Attendants' Building, Ward's Island, N.Y," 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 President of said Department and read.

The BOARD of Public Charities and Correction

THE BOARD OF PUBLIC CHARITIES AND CORRECTION IF DEEMED TO BE FOR THE PUBLIC INTEREST, AS PROVIDED IN SECTION 64, CHAPTER 410, LAWS OF 1882.

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

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

Any bidder for this contract must be known to be engaged in and well prepared for the business, and must have satisfactory testimonials to that effect; and the person or persons to whom the contract may be awarded will be required to give security for the performance of the contract by his or their bond, with two sufficient sureties, each in the penal amount of THREE THOUSAND (\$3,000) DOLLARS.

Each bid or estimate shall contain and state the name and place of residence of each of the persons making the same; the names of all persons interested with him or them therein; and if no other person be so interested, it shall distinctly state that fact; also that it is made without any connection with any other person making an estimate for the same purpose, and is in all respects fair and without collusion or fraud; and that no member of

the 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 con-

that the VERIFICATION be made and subscribed by all the parties interested.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as his sureties for its faithful performance; and that if he shall omit or refuse to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled 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 surety in good faith and with the intention to execute the bond required by section 12 of chapter 7 of the Revised Ordmances of the City of New York, 1880, if the contract shall be awarded to the person or persons for whom he consents to become surety. The adequacy and sufficiency of this security shall, in addition to the justification and acknowledgment, be approved by the Comptroller of the City of New York.

No bid or estimate will be received or considered unless accompanied by either a certified check upon one

justification and acknowledgment, be approved by the Comptroller of the City of New York.

No bid or estimate will be received or considered unless accompanied by either a certified check upon one of the State or National banks of the City of New York, drawn to the order of the Comptroller, or money, to the amount of five per centum of the amount of the security required for the faithful performance of the contract. Such check or money must Nor 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 their bid or proposal, or if he or they accept but do not execute the contract and provide such proper security as has been heretofore stated to be requisite, he or they shall be considered as having abandoned it and as in default to the Corporation, and the contract will be readvertised and relet as provided by law.

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

by law.

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

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

The form of the contract, including specifications, showing the manner of payment, will be furnished at the office of the Department, and bidders are cautioned to examine each and all of its provisions carefully, as the Board of Public Charities and Correction will insist upon its absolute enforcement in every particular.

Dated New York, August 21, 1880.

Dated New York, August 21, 1889.

HENRY H. PORTER, President,
CHARLES E. SIMMONS, M. D., Commissioner,
EDWARD C. SHEEHY, Commissioner,
Public Charities and Correction.

### TO CONTRACTORS.

MATERIALS AND WORK REQUIRED IN ERECTING A PAVILION FOR THE ALMS HOUSE, BLACKWELL'S ISLAND,

SEALED BIDS OR ESTIMATES FOR THE aforesaid work and materials, in accordance with the specifications and plans, will be received at the office of the Department of Public Charities and Correction, No. 66 Third avenue, in the City of New York, until 10 o'clock A. M. Wednesday, August 28, 1886. The person or persons making any bid or estimate shall furnish the same in a scaled envelope, indorsed, "Bid or Estimate for Pavilion for Alms House, Blackwell's Island," 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 President of said Department and read.

The Board of Public Charities and Correction

ment and read.

The Board of Public Charities and Correction Reserves the right to reject all bids or estimates if deemed to be for the fublic interest, as provided in section 64, charter 410, Laws of 1882.

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

surety or otherwise, upon any continuous.

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

Any bidder for this contract must be known to be engaged in and well prepared for the business, and must have satisfactory testimonials to that effect, and the person or persons to whom the contract may be awarded will be required to give security for the performance of the contract by his or their bond, with two sufficient sureties, each in the penal amount of FIFTEEN THOUSAND (§15.000) DOLLARS.

Each bid or estimate shall contain and state the name

the contract by his of their bond, with two stindlends surcities, each in the penal amount of FIFTEEN THOUSAND (815,000) DOLLARS.

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

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as his surcties for its faithful performance; and that if he shall omit or refuse to execute the same, they shall pay to the Corporation any difference between the sum to which he would be entitled on its completion and that which the Corporation may be obliged to pay to the person or persons to whom

the contract may be awarded at any subsequent letting; the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested. The consent above-mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of this contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety or otherwise; and that he has offered himself as surety in good faith and with the intention to execute the bond required by section 12 of chapter 7 of the Revised Ordinances of the City of New York, 1880, if the contract shall be awarded to the person or persons for whom he consents to become surety. The adequacy and sufficiency of this security shall, in addition to the justification and acknowledgment, be approved by the Comptroller of the City of New York.

No bid or estimate will be received or considered unless accompanied by either a certified check upon one of the State or National Banks of the City of New York, drawn to the order of the Comptroller, or money to the amount of five per centum of the amount of the security required for the faithful performance of the contract. Such check or money must Nor 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 has been awarded to him, to execute the same, the amount of the 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 notice that the sa

law.

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

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

The form of the contract, including specifications, showing the manner of payment, will be furnished at the office of the Department, and bidders are cautioned to examine each and all of its provisions carefully, as the Board of Public Charities and Correction will insist upon its absolute enforcement in every particular.

s absolute enforcement in every particular.
Dated New York, August 14, 1889.
HENRY H. PORTER, President,
CHARLES E. SIMMONS, M. D., Commissioner
EDWARD C. SHEEHY, Commissioner,
Public Charities and Correction,

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION,
No. 66 THIRD AVENUE,
NEW YORK, August 21, 1889.

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

public institutions of the Chry of the Chry of the missioners of Public Charities and Correction report as follows:

At Morgue, Bellevue Hospital, from foot of Twenty-eighth street, North river—Unknown man, aged about 65 years; 5 feet 7 inches high; gray hair, mustache and chin beard. Had on black frock coat, black vest, brown striped pants, white shirt, white cotton drawers.

Unknown man, from Pier 7, East river, aged about 40 years; 5 feet 8 inches high; auburn hair, dark beard and mustache, about one week's growth. Had on gray coat and vest, blue jean pants, striped shirt, brown barred socks, buckled shoes.

At Homeopathic Hospital, Ward's Island—James Connell, aged 52 years; 5 feet 10 inches high; gray eyes, brown hair. Had on when admitted gray coat, brown striped pants, gaiters, black derby hat.

Kate Moore, aged 35 years; 5 feet 2 inches high; brown eyes and hair. Had on when admitted black laced skirt, black merino waist, button gaiters, black bead bonnet.

Eliza Burns, aged 55 years; 5 feet 4 inches high; brown eyes and hair.

bead bonnet.

Eliza Burns, aged 55 years; 5 feet 4 inches high; brown eyes, gray hair. Had on when admitted brown merino skirt, striped muslin waist, gray alpaca basque, gaiters, black bead bonnet.

Nothing known of their friends or relatives.

By order,

G. F. BRITTON,

G. F. BRITTON, Secretary.

### DEPARTMENT OF DOCKS.

DEPARTMENT OF DOCKS, PIER "A," NORTH RIVER.

TO CONTRACTORS.

(No. 310.)

PROPOSALS FOR ESTIMATES FOR REPAIRING THE CRIB-BULKHEAD BETWEEN EAST SEVENTEENTH STREET AND EAST EIGHT-EENTH STREET, ON THE FAST RIVER, AND FOR DREDGING THEREAT.

ESTIMATES FOR REPAIRING THE CRIBbulkhead from about the centre line of East Seventeenth street to the sewer in East Eighteenth street, on the East river, will be received by the Board of Commissioners at the head of the Department of Docks, at the office of said Department, on Pier "A," foot of Battery place, North river, in the City of New York, until 11.30 o'clock A. M. of

TUESDAY, SEPTEMBER 10, 1880.

TUESDAY, SEPTEMBER 10, 1889, at which time and place the estimates will be publicly opened by the head of said Department. The award of the contract, if awarded, will be made as soon as practicable after the opening of the bids.

Any person making an estimate for the work shall furnish 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 the person or persons presenting the same, the date of its presentation, and a statement of the work to which it relates.

The bidder to whom an award is made shall give security for the faithful performance of the contract, in the manner prescribed and required by ordinance, in the sum of One Thousand Six Hundred Dollars.

The Engineer's estimate of the nature, quantities and

The Engineer's estimate of the nature, quantities and extent of the work is as follows:

Dredging in front of the crib-bulk-head, about ............. 5,000 cubic yards.

CLASS II.

New Cribwork complete, including all Logs Timbers, Spikes, Stone-filling, Fenders, Fenderpiles, Mooring.posts, Backinglogs, Box-drains, Sewer-Opening, etc., measured from mean low-water mark to level of under side of backing-log and to rear of cross-ties, about ....28,620 cubic feet.

60 square yards 

790 cubic yards.

about 790 cubic yards,
5. Labor of Back-filling about 485
6. Labor and Materials for Top
Dressing, about 90
7. Labor of Framing and Carpentry, including all
moving of Timber, Jointing, Planking, Bolting,
Spiking, Back-filling, etc., as set forth in the
specifications.

N. B.—As the above-mentioned quantities, though stated with as much accuracy as is possible, in advance, are approximate only, bidders are required to submit their estimates upon the following express conditions, which shall apply to and become a part of every estimate

which shall apply to and become a part of every estimate received:

1st. Bidders must satisfy themselves, by personal examination, of the location of the proposed work, and by such other means as they may prefer, as to the accuracy of the foregoing Engineer's estimate, and shall not, at any time after the submission of an estimate, dispute or complain of the above statement of quantities, nor assert that there was any misunderstanding in regard to the nature or amount of the work to be done.

2d. Bidders will be required to complete the entire work to the satisfaction of the Department of Docks, and in substantial accordance with the specifications of the contract and the plans therein referred to. No extra compensation, beyond the amount payable for each class of the work before mentioned, which shall be actually performed, at the prices therefor, to be specified by the lowest bidder, shall be due or payable for the entire work.

The work to be done under the contract is to be com-

performed, at the prices therefor, to be specified by the lowest bidder, shall be due or payable for the entire work.

The work to be done under the contract is to be commenced within five days after the date of the contract, and all the work contracted for is to be fully completed on or before the 9th day of November, 1880, and the damages to be paid by the contractor for each day that the contract may be unfulfilled after the time fixed for the fulfillment thereof has expired, are, by a clause in the contract, determined, fixed and liquidated at Fifty Dollars per day.

All the material excavated is to be removed by the Contractor, and deposited in all respects according to law, and any material dredged, and not so deposited, shall not be paid for.

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

Bidders will state in their estimates a price for the whole of the work to be done, in each class, in conformity with the approved form of agreement and the specifications therein set forth, by which prices the bids will be tested. These prices are to cover all expenses of every kind involved in or incidental to the fulfillment of the contract, including any claim that may arise through delay, from any cause, in the performing of the work thereunder. The award of the contract, if awarded, will be made to the lidder who is the lowest for doing the whole of the work comprised in the two classes, and whose estimate is regular in all respects.

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

The person or persons to whom the contract may be awarded will be regulared to attend at this office with the sureties offered by him or them, and execute the contract will be respected as a faither or neglect so as the part of the contract may be

so do, he or they will be considered as having abandoned it, and as in default to the Corporation; and the contract will be readeriesed and relet, and so on until it be accepted to executed.

Todors are required to state in their estimates their names and phases of residence; the hames of all persons interested with them therein; and if no other person he so harerested the estimate shall distinctly state the fact, also that the estimate is made without any connection with any other person making an estimate for the same work, and that it is in all respects fair and without reduction of fraud, and also that no member of the Comman Concoll, Head of a Department, Chief of a Bureau, Leputy thereof, or Clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or work to which it relates, or in any portion of the profits thereof; which estimate must be verified by the oath, in writing, of the party making the estimate, that the several matters stated therein are in all respects true. Where more than one person is interested.

Each estimate shall be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, with their respective places of banness or resievace, to the effect that if the contract be awarded to the person or persons making the estimate, they will, upon its being so awarded, become bound as his or their sureties for its faithful performance; and that if said person or persons would be entitled upon its completion, and that which said Corporation may be obliged to pay to the person to whom the contract may be awarded at any subsequent letting; the amount, in each case, to be calculated upon the contract may be awarded at any subsequent letting; the amount, in 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 work to be done each class by which the bids are tested. The consent above mentioned shall be accompanied by the oath or

approval by the Comptroller of the City of New York, ster the award is made and prior to the signing of the contract.

No estimate will be received or considered unless accompanied by either a certified check upon one of the state or National Banks of the City of New York, drawn to the order of the Comptroller, or money, to the amount of five per centum of the amount of security required for the faithful performance of the contract. Such sheek 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 hidder 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 offested 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 in him.

Bidders are informed that an deviation from the specification will be returned in him.

to him

Bidders are informed that as deviation from the specifications will be allowed, unless under the written instructions of the Engineer in-Chief.

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

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

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

EDWIN A. POST,

JAMES MATTHEWS,

J. SERGEANT CRAM,

Commissioners of the Department of Docks.

Dated New YORK, August 26, 1889.

DEPARTMENT OF DOCKS,
PIER "A," BATTERY PLACE, NORTH RIVER,
NEW YORK, August 15, 1889.

NOTICE.

VAN TASSELL & KEARNEY, AUCTIONEERS, will sell at public auction in the Board Room at Pier "A," Battery place, in the City of New York, on

FRIDAY, AUGUST 30, 1889, at 12 o'clock noon, the right to collect and retain all wharfage which may accrue for the use and occupation by vessels of more than five tons burden, of the following-named wharf property:

ON THE NORTH RIVER

Pier at the foot of West Eighteenth street, North ver, for a term of three years, commencing September 1889.

TERMS AND CONDITIONS OF SALE.

The premises must be taken in the condition in which they may be at the commencement of the term of the lease, and no claim or demand that the premises or property are not in suitable and tenantable condition at the commencement of the term will be allowed by this

property are not in suitable and tenantable condition as the commencement of the term will be allowed by this Department.

All repairs, maintaining or rebuilding required or necessary to be done to or upon the premises, or any part thereof, during the continuance of the term of the lease, shall be done by and at the cost and expense of the lessee or purchaser.

No claim or demand will be considered or allowed by the Department for any loss or deprivation of wharfage or otherwise, resulting from or occasioned by any delay on account or by reason of the premises or any part thereof being occupied for or on account of any repairs, rebuilding or dredging.

The up-set price of the parcels or premises exposed or offered for sale will be announced by the Auctioneer at the time of sale.

The Department will do all dredging whenever it shall deem it necessary or advisable so to do.

The term for which leases are sold will commence at the date mentioned in the advertisement, and the rents accruing therefor will be payable from that date in each case.

Each purchaser of a lease will be required, at the time

The term for which leases are sold will commence at the date mentioned in the advertisement, and the rents accruing therefor will be payable from that date in each case.

Each purchaser of a lease will be required, at the time of the sale, to pay, in addition to the auctioneer's fees, to the Department of Docks, twenty-five per cent (25%) of the amount of annual rent bid, as security for the execution of the lease, which twenty-five per cent (25%) will be applied to the payment of the rent first accruing under the lease when executed, or will be forfeited to the Department if the purchaser neglects or refuses to execute the lease, with good and sufficient surety or sureties, to be approved by the Department, within ten days after being notified that the lease is prepared and ready for execution at the office of the Department of Docks, Pier "A," North river, Battery place.

The Department expressly reserves the right to resell the lease or premises bid off, by those failing, refusing or neglecting to comply with these terms and conditions, the party so failing, refusing or neglecting, to be liable to the Corporation of the City of New York for any deficiency resulting from or occasioned by such resale.

Lessees will be required to pay their rent quarterly in advance, in compliance with the terms and conditions of the lease prepared and adopted by the Department.

In all cases where it is mentioned in the advertisement of sale, the purchaser shall be entitled to the privilege of occupying any shed upon the pier or bulkhead at the commencement of the term or that may thereafter be permitted or licensed by the Department, and to the rights attached to such permission or license, but subject to the conditions thereof, such purchaser being engaged in the business of steam transportation and using and employing the same for the purpose of regularly receiving and discharging cargo thereat.

Not less than two sureties, each to be a householder or freeholder in the State of New York, to be approved by the Board of Docks

must be paid by the paid.

the time of sale.

Dated New York, August 15, 1889.

EDWIN A. POST,

JAMES MATTHEWS,

J. SERGEANT CRAM,

Commissioners of the Department of Docks.

### FIRE DEPARTMENT.

HEADQUARTERS FIRE DEPARTMENT, 157 AND 159 EAST SIXTY-SEVENTH STREET, NEW YORK, August 14, 1889.

### TO CONTRACTORS.

SEALED PROPOSALS FOR FURNISHING THIS
Department with the following articles:
500,000 pounds Hay, of the quality and standard
known as Best Sweet Timothy.

500,000 pounds Hay, of the quality and standard known as Best Sweet Timothy.

90,000 pounds good, clean Rye Straw.

3,500 bags clean No. 1 White Oats, 80 pounds to the bag.

1,500 bags first quality Bran, 40 pounds to the bag.

will be received by the Board of Commissioners at the head of the Fire Department, at the office of said Department, Nos. 157 and 159 East Sixty-seventh street, in the City of New York, until 10 o'clock A. M. Wednesday, August 28, 1889, at which time and place they will be publicly opened by the head of said Department and read.

All of the articles are to be delivered at the various houses of the Department, in such quantities and at such times as may be directed.

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

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

Proposals must include all the items, specifying the price per cent for hay and straw, and per bag for oats and bran.

Bidders will write out the amount of their estimate

price per cwt for hay and straw, and bran.

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

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 above 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.

it relates.

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.

poration.

Each bid or estimate shall contain and state the name 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 con-

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 frecholders of the City of New York, with their respective places 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 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 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 considered unless accompanied by either a certified check upon one of the banks of the

New York before the award is made and prior to the signing of the contract.

No estimate will be considered unless accompanied by either a certified check upon one of the banks of the City of New York, drawn to the order of the Comptroller, or money to the amount of two hundred and lifty [250] dollars. 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 ilquidated 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 considered as having abandoned it and as in default to the Corporation, and the contract will be readvertised and relet as provided by law.

S. HOWLAND ROBBINS, ANTHONY EICKHOFF,

S. HOWLAND ROBBINS, ANTHONY EICKHOFF, Commissioners,

### MUNICIPAL BUILDINGS.

PUBLIC HEARING OF CITIZENS.

IN THE MATTER OF ERECTING A MUNICIpal Building in the City Hall Park, pursuant to
chapter 81 of the Laws of 1889, the Board of Commissioners constituted by that statute adopted the following resolution July 391, 1889;
Resolved, That a meeting of this Board be and is
hereby appointed to be held at the Mayor's Office, at 2
o'clock P. M., on Wednesday, the 4th day of September,
1889, for a public hearing in the matter of the erection
of the proposed New Municipal Building in the City
Hall Park, authorized by chapter 81 of the Laws of
1889, and all citizens interested therein are invited to
attend and give expression to their views upon the subject.

RICHARD A. STORRS,

New York, August 1, 1889.

PLANS FOR A MUNICIPAL BUILDING IN THE CITY OF NEW YORK.

### NOTICE TO ARCHITECTS.

In Accordance with the Provisions of chapter 81 of the Laws of 1889, entitled "An act to provide for the erection of a building for certain purposes relating to the public interests in the City of New York," passed March 27, 1889, the Board of Commissioners thereby constituted will, until the first day of August, 1889, receive plans and specifications for a New Municipal Building, provided for in said statute, to be erected in the City Hall Park, upon the plot of ground east of the City Hall Park, upon the plot of ground east of the City Hall Park, upon the plot of ground east of the City Hall and the New County Court-house.

A diagram showing the ground plan of the proposed building, and instructions to architects, enumerating the requirements in the submission of plans, can be obtained on application at the Comptroller's office.

Four premums will be awarded, as follows:

For the plans adjudged to be the best, a premium of \$1,500 will be paid; and, in the event of their adoption by the Board of Commissioners, the author will be appointed to the superintendence of the construction of the building, with the fees prescribed by the American Institute of Architects, provided his standing is such as to guarantee a faithful discharge of his duties.

For the plans adjudged to be the second best, a premium of \$1,500 will be paid, and for the plans adjudged to be the third and fourth best, premiums of \$500 each will be paid.

In the examination and judgment of plans the Board will be assisted by a Committee to be appointed by the Mayor, consisting of not more than three competent architects and a civil engineer.

All plans submitted for competition, for which premiums are awarded, shall become the property of the city, and all plans must be filed with the Comptroller on or oefore the date mentioned. Each plan submitted shall be marked with such assumed designation as the architect may select, provided there shall be filed with the Mayor a sealed envelope, giving the real name of IN ACCORDANCE WITH THE PROVISIONS of chapter 81 of the Laws of 1880, entitled "An act

the author of the plans so designated, which shall be opened by the Mayor in the presence of the Board, after the premiums shall have been awarded.

ther the premiums shall have been awa
THEO. W. MYERS,
Comptroller,
RICHARD CROKER,
Chamberlain,
WALTON STORM,
Chairman Finance Committee,
Board of Aldermen,
NEW YORK, May 9, 1889.

Committee of the Board of Commissioners constituted by chapter 81, Laws of 1889.

#### POSTPONEMENT.

POSTPONEMENT:

By a resolution adopted July 30, 1889, by the Board of Commissioners in the above matter, the time for receiving plans of a Municipal Building was extended to October 1, 1889, as follows:

Resolved, That the time for the reception of plans, specifications and estimates, for the erection of a New Municipal Building in the City Hall Park, fixed for the 1st day of August, 1889, under a resolution adopted by this Board on April 22, 1889, be and hereby is postponed until Tuesday, October 1, 1889.

NEW YORK, August 1, 1889.

RICHARD A. STORRS,

Secretary.

#### SUPREME COURT.

In the matter of the application of the Board of Education by the Coursel to the Corporation of the City of New York, relative to acquiring title by the Mayor, Aldermen and Commonalty of the City of New York, to certain lands on the northerly side of Fifty-first street, near Lexington avenue, in the Nineteenth Ward of said city, duly selected and approved by said Board as a site for school purposes, under and in pursuance of the provisions of chapter 191 of the Laws of 1888.

WE, THE UNDERSIGNED, COMMISSIONERS of Estimate in the above-entitled matter, appointed pursuant to the provisions of chapter 191 of the Laws of 1888, hereby give notice to the owner or owners, lessee or lessees, parties and persons, respectively entitled to or interested in the lands, tenements, hereditaments and premises, title to which is sought to be acquired in this proceeding, and to all others whom it may concern, to wit:

be acquired in this proceeding, and to all others whom it may concern, to wit:

First—That we have completed our estimate of the loss and damage to the respective owners, lessees, parties and persons interested in the lands or premises affected by this proceeding, or having any interest therein, and have filed a true report or transcript of such estimate in the office of the Board of Education for the inspection of whomsoever it may concern.

Second—That all parties or persons whose rights may be affected by the said estimate and who may object to the same or any part thereof, may, within thirty days after the first publication of this notice file their objections to such estimate in writing with us at our office, Room No. 17, on the second floor of No. 45 William street, in the said city, as provided by section 4 of chapter 191 of the Laws of 1888, and that we, the said Commissioners, will hear parties so objecting at our said office on the eighteenth day of September, 1889, at 2 o'clock p. M., and upon such subsequent days as may be found necessary.

Third—That our report herein will be presented to the Supreme Court of the State of New York, at a Special Term thereof, to be held at Chambers in the County Court-house, in the City of New York, on the 2d day of October, 1889, at the opening of the Court on that day, and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Dated New York, August 8, 1889.

Dated New York, August 8, 1889.

PETER B. OLNEY,
JAMES M. VARNUM,
MATTHEW CHALMERS,

LAMONT McLoughlin, Clerk.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring title wherever the same has not been heretofore acquired to that part of EAST ONE HUNDRED AND FIFTY-FIFTH STREET (although not yet named by proper authority), extending from Railroad avenue, East, to Third avenue, in the Twenty-third Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road by the Department of Public Parks.

W. E. THE UNDERSIGNED, COMMISSIONERS of Estimate and Assessment in the above-entitled matter, hereby give notice to all persons interested in this proceeding, and to the owner or owners, occupant or occupants, of all houses and lots and improved or unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That we have completed our estimate and assessment, and that all persons interested in this proceeding, or in any of the lands affected thereby, and having objections thereto, do present their said objections in writing, duly verified, to us at our office, No. 200 Broadway (fifth floor), in the said city, on or before the 14th day of September, 1889, and that we, the said Commissioners, will hear parties so objecting within the ten week-days next after the said 14th day of September, 1889, and for that purpose will be in attendance at our said office on each of said ten days at 2 o'clock P. M.

Second—That the abstract of our said estimate and assessment, together with our damage and benefit maps, and also all the affidavits, estimates and other documents used by us in making our report, have been deposited with the Commissioner of Public Works of the City of New York, at his office, No. 31 Chambers street, in the said city, there to remain until the 14th day of September, 1880.

Third—That the limits of our assessment for benefit include all those lots, pieces or parcels of land, situate, lying and being in the City of New York, which taken

ber, 1880.

Third—That the limits of our assessment for benefit include all those lots, pieces or parcels of land, situate, lying and being in the City of New York, which taken together are bounded and described as follows, viz.: Northerly by the centre line of the blocks between East One Hundred and Fifty-fifth street and East One Hundred and Fifty-sixth street; easterly by the westerly side of Third avenue; southerly by the centre line of the blocks between East One Hundred and Fifty-fourth street and east one Hundred and Fifty-fourth street, and westerly by the easterly side of Railroad avenue, East; excepting from said area all the streets, avenues and roads, or portions thereof, heretofore legally opened, and all the unimproved land included within the lines of streets, avenues, roads, public squares and places shown and laid out upon any map or maps filed by the Commissioners of the Department of Public Parks, pursuant to the provisions of chapter 604 of the Laws of 1874, and the Laws amendatory thereof, or of chapter 410 of the Laws of 1882, as such area is shown upon our benefit map deposited as aforesaid.

Fourth—That our report herein will be presented to the Supreme Court of the State of New York, at a Special Term thereof, to be held at the Chambers thereof, in the County Court-house, in the City of New York, on the twenty-seventh day of September, 1889, at the opening of the Court on that day, and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Dated New York, July 29, 1889.

onfirmed.

Dated New York, July 29, 1889.

J. FAIRFAX McLAUGHLIN, Chairman,
MICHAEL J. McKENNA,
THOMAS O'CALLAGHAN, Jr.
Commissioners.

CARROLL BERRY, Clerk.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring certain pieces or parcels of land and the title thereto, wherever the same have not been here-tofore acquired, for the use of the public for the purposes of sewerage and drainage, pursuant to chapter 423 of the Laws of 1888, being a strip of land twenty-feet in width, and extending in an easterly direction from the easterly termination of ONE HUNDRED AND SIXTY-SEVENTH STREET to the HARLEM RIVER, as laid down on certain maps filed in the several depositories designated by and in pursuance of law.

PURSUANT TO CHAPTER 423 OF THE LAWS 1888, and other statutes in such cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, at a Special Term of said Court, to be held at Chambers thereof in the County Court-house, in the City of New York, on Thursday, the 29th day of August, 1889, at the opening of Court on that day or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the aquisition of title in the name and on behalf of the Mayor, Aldermen and Commonalty, of the City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto beionging, required for the purposes of sewerage and drainage, pursuant to chapter 423 of the Laws of 1888, being a strip of land twenty feet in width, and extending in an easterly direction from the easterly termination of One Hundred and Sixty-seventh street to the Harlem river, as laid down on certain maps filed in the several depositories designated by and in pursuance of law, being the following described land: DURSUANT TO CHAPTER 423 OF THE LAWS

Beginning at a point, the intersection of the centre line of One Hundred and Sixty-seventh street with the westerly line of the Edgecombe road.

Thence easterly in a line radial to the curve of said road, and deflecting to the left from the centre line of One Hundred and sixty-seventh street produced, 30 degrees and 9 minutes, distance 100 feet, to the easterly line of Edgecombe road.

Thence northerly along the said easterly line 33 14-100

Thence southwesterly 16 73-100 feet to a point in a line parallel to and distant 20 feet northerly from the radial line of the curve of the Edgecombe road, being the first course mentioned, and making an angle with said line of 128 degrees 18 minutes and 30 seconds.

Thence westerly and parallel to the radial line above mentioned, and distant 20 feet northerly therefrom, distance 90 10-100 feet, to the westerly line of the Edge-combe road.

Thence southerly along said line 20 1-100 feet to the point or place of beginning.

Also, beginning at a point in the easterly line of Edgecombe road, said point being 177 99-100 leet northerly from the initial point of the first curve north-erly from One Hundred and Sixty-fifth street.

Thence northeasterly and deflecting from the radial line of said curve to the left 51 degrees 41 minutes and 30 seconds, distance 92 3-100 feet.

Thence deflecting to the right 38 degrees 43 minutes and 20 seconds, distance 19 81-100 feet, to the westerly line of the land of the Mayor, Aldermen and Commonalty of the City of New York, now occupied by the Croton Aqueduct. Croton Aqueduct.

Thence along said line and deflecting to the left 89 degrees and 55 minutes, distance 20 feet.

Thence deflecting to the left 90 degrees and 5 minutes, distance 26 feet.

Thence deflecting to the left 30 degrees and 5 minutes, distance 26 feet.

Thence deflecting to the left 38 degrees 43 minutes and 20 seconds, distance 72 24-100 feet, to the easterly line of Edgecombe road.

Thence southerly and along said line 33 14-100 leet to the point or place of beginning.

Also, beginning at a point in the easterly line of the land of the Mayor, Aldermen and Commonalty of the City of New York, now occupied by the Croton Aqueduct, said point being described and located as follows, viz.:

Beginning at a point on the easterly line of Edgecombe road, 177 99-100 feet northerly from the initial point of the first curve northerly from One Hundred and Sixty-fifth street.

Thence northeasterly and deflecting from the radia line of said curve to the left 51 degrees 41 minutes and 20 seconds, distance 23 3-100 feet.

Thence deflecting to the right 38 degrees 43 minutes and 20 seconds, distance 109 81-100 feet, to and through the land now occupied by the Croton Aqueduct, as aforesaid, being the point in the easterly line and the place of beginning.

Thence easterly and in continuation of the line last described as being to and through the land now occupied by the Croton Aqueduct, distance 165 90-100 feet.

Thence deflecting to the right 31 degrees and 8 minutes, distance 174 8-100 feet.

Thence deflecting to the right 32 degrees and 5 minutes, distance 174 8-100 feet.

Thence deflecting to the left 21 degrees and 5 minutes, said direction being at right angles to Tenth avenue, distance 48 86-100 feet.

Thence northerly and deflecting to the left 90 degrees, distance 20 feet.

Thence westerly and deflecting to the left 90 degrees, distance 20 feet.

distance 20 feet.

Thence westerly and deflecting to the left 90 degrees, distance 45 74-100 feet.

Thence deflecting to the right 21 degrees and five minutes, distance 135 92-100 feet.

Thence deflecting to the left 31 degrees and 8 minutes, distance 171 91-100 feet to the easterly line of the land of the Mayor, Aldermen and Commonalty of the City of New York, now occupied by the Croton Aqueduct.

Thence southerly and along said line and deflecting to the left 89 degrees and 55 minutes, distance 20 feet, to the point or place of beginning.

Also, beginning at a point in the line of high water of the Harlem river, said point being described and located as follows, viz.:

Beginning at a point in the easterly line of Edgecombe road 177 99-200 feet northerly from the initial point of the first curve northerly from One Hundred and Sixty-fifth street.

road 177 99-100 feet northerly from the initial point of the first curve northerly from One Hundred and Sixty-fifth street.

Thence northeasterly and deflecting from the radial line of said curve to the left 51 degrees 41 minutes and 30 seconds, distance 29 3-100 feet.

Thence deflecting to the right 38 degrees 43 minutes and 20 seconds, distance 275 71-100 feet to and through the land now occupied by the Croton Aqueduct as aforesaid and John Elliot, trustee, etc.

Thence southeasterly and continuing through the land of John Elliot, trustee, etc., deflecting to the right 31 degrees and 8 minutes, distance 134 8-100 feet.

Thence deflecting to the left 21 degrees and 5 minutes, said direction being also at right angles to Tenth avenue, distance 48 86-100 feet to the point or place of beginning, being high-water line, Harlem river.

Thence easterly and in continuation of the last mentioned direction 7 19-100 feet to the westerly line of the Exterior street as established by the Commissioners of the Sinking Fund of the City of New York, and shown upon a map dated August 31, 1887.

Thence across said street and in the last mentioned direction continued, distance 150 80-100 feet to the builkhead and the United States Channel line of the Harlem river.

Thence northerly along said line 20 7-100 feet.

Thence northerly along said line 20 7-100 feet.
Thence westerly 150 81-100 feet to the westerly line of Exterior street above-mentioned.
Thence continuing in the same westerly direction 5 60-100 feet to the land of John Elliot, trustee, etc.
Thence southerly and at right angles to the last course 20 feet to the point or place of beginning.

Dated New York, July 25, 1889

WILLIAM H. CLARK, Counsel to the Corporation, No. 2 Tryon Row, New York City.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring title wherever the same has not been heretofore acquired, to that part of EAST ONE HUNDRED AND FIFTY-EIGHTH STREET (although not yet named by proper authority), extending from Railroad avenue East to Third avenue, in the Twenty-third Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road by the Department of Public Parks.

W. E. THE UNDERSIGNED, COMMISSIONERS of Estimate and Assessment in the above-entitled matter, hereby give notice to all persons interested in this proceeding and to the owner or owners, occupant or occupants, of all houses and lots and improved or unimproved lands affected thereby, and to all others whom it may concern, to wit:

First.—That we have completed our estimate and assessment, and that all persons interested in this proceeding, or in any of the lands affected thereby, and having objections thereto, do present their said objections in writing, duly verified, to us at our office, No. 200 Broadway (fifth floor), in the said city, on or before the 7th day of September, 1889, and that we, the said Commissioners, will hear parties so objecting within the ten week-days next after the said 7th day of September, 1889, and for that purpose will be in attendance at our said office on each of said ten days, at 10 clock P. M.

Second.—That the abstract of our said estimate and assessment, together with our damage and benefit maps, and also all the affidavits, estimates and other documents used by us in making our renort, have been deposited with the Commissioner of Public Works of the City of New York, at his office, No. 31 Chambers street, in the said City, there to remain until the 7th day of September, 1889.

September, 1889. Third.—That the limits of our assessment for benefit Third.—That the limits of our assessment for benefit include all those lots, pieces or parcels of land, situate, lying and being in the City of New York, which taken together are bounded and described as follows, viz.; Northerly by the centre line of the blocks between East One Hundred and Fifty-eighth street; easterly by the westerly side of Third avenue; southerly by the centre line of the blocks between East One Hundred and Fifty-eighth street; easterly by the centre line of the blocks between East One Hundred and Fifty-seventh street and East One Hundred and Fifty-eighth street, and westerly by the easterly side of Railroad avenue, East, excepting from said area all the streets, avenues and roads, or portions thereof, heretofore legally opened, and all the unimproved land included within the lines of streets, avenues, roads, public squares and places shown and laid out upon any map or maps filed by the Commissioners of the Department of Public Parks, pursuant to the provisions of chapter 654 of the Laws of 1874, and the laws amendatory thereof, or of chapter 410 of the Laws of 1874, as such area is shown upon our benefit maps deposited as aforesaid.

Fourth.—That our report herein will be presented to

aforesaid.

Fourth.—I hat our report herein will be presented to the Supreme Court of the State of New York, at a Special Term thereof, to be held at the Chambers thereof, in the County Court-house, in the City of New York, on the twentieth day of September, 1889, at the opening of the Court on that day, and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Detail New York, believe 322.

hereafter as Councilled the said report by Councilled Park, July 17, 1889.

EDWARD McCUE, Chairman, GILBERT M. SPEIR, Jr., JOHN H. KITCHEN, Commissioners.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to that part of EAST ONE HUNDRED AND FIFTY-SECOND STREET (although not yet named by proper authority), extending from Railroad avenue, East, to Third avenue, in the Twenty-third Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road by the Department of Public Parks.

WE, THE UNDERSIGNED, COMMISSIONERS

WE, THE UNDERSIGNED, COMMISSIONERS of Estimate and Assessment in the above-entitled matter, hereby give notice to the owner or owners, occupant or occupants, of all houses and lots and improved or unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That we have completed our estimate and assessment, and that all persons interested in these proceedings, or in any of the lands affected thereby, and who may be opposed to the same, do present their objections in writing, duly verified, to us at our office, No. 200 Broadway (fifth floor), in the said city, on or before the 28th day of August 1889, and that we, the said Commissioners, will hear parties so objecting within the ten week days next after the said 28th day of August, 1889, and for that purpose will be in attendance at our said office on each of said ten days at 2 o'clock, p. M.

Second—That the abstract of the said estimate and assessment, together with our maps, and also all the affidavits, estimates and other documents which were used by us in making our report, have been deposited in the office of the Department of Public Works, in the City of New York, there to remain until the 28th day of August, 1889.

Third—That the limits embraced by the assessment aforesaid are as follows, to wit: All those lots, pieces or parcels of land, situate, lying and being in the City of New York which, taken together, are bounded and described as follows, viz.: Northerly by the centre line of the blocks between East One Hundred and Fifty-second street and East One Hundred and Fifty-second streets, avenues and roads, or portions thereof, heretofore legally opened, and all the unimpr

Dated New York, July 12, 1880 MICHAEL J. McKENNA, J. FAIRFAX McLAUGHLIN, THOMAS O'CALLAGHAN, JR.,

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to ROSE STREET (although not yet named by proper authority), extending from Third avenue to Bergen avenue, in the Twenty-third Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road by the Department of Public Parks.

WE, THE UNDERSIGNED, COMMISSIONERS of Estimate and Assessment in the above-entitled matter, hereby give notice to the owner or owners, occupant or occupants, of all houses and lots and improved or unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That we have completed our estimate and assessment, and that all persons interested in these proceedings, or in any of the lands affected thereby, and who may be opposed to the same, do present their objections in writing, duly verified, to us at our office, No. 200 Broadway (fifth floor), in the said city, on or before the 7th day of September, 1889, and that we, the said Commissioners, will hear parties so objecting within the ten week-days next after the said 7th day of September, 1889, and for that purpose will be in attendance at our said office on each of said ten days at 2 o'clock P. M.

Second—That the abstract of the said estimate and assessment, together with our maps, and also all the affidavits, estimates and other documents which were used by us in making our report, have been deposited in the office of the Department of Public Works, in the City of New York, there to remain until the 7th day of September, 1889.

Third—That the limits embraced by the assessment

City of New York, there to remain until the 7th day of September, 1839.

Third—That the limits embraced by the assessment aforesaid are as follows, to wit: All those lots, pieces or parcels of land, situate, lying and being in the City of New York, which, taken together, are bounded and described as follows, viz.: Northerly by the centre line of the block between Grove street and Rose street; easterly by the westerly side of Bergen avenue; southerly by the centre line of the block between Westchester avenue and Rose street, and westerly by the easterly side of Third avenue; excepting from said area all the streets, avenues and roads, or portions thereof, heretofore legally opened, and all the unimproved land included within the lines of streets, avenues, roads, public squares and places shown and laid out upon any map or maps filed by the Commissioners of the Department of Public Parks pursuant to the provisions of chapter 604 of the Laws of 1874, and the laws amendatory thereof, or of chapter 410 of the Laws of 1882, as such area is shown upon our benefit map deposited as aforesaid.

Fourth—That our report herein will be presented to

said.

Fourth—That our report herein will be presented to the Supreme Court of the State of New York, at a Special Term thereof, to be held at the Chambers thereof, in the County Court-house, at the City Hall, in the City of New York, on the twentieth day of September, 1889, at the opening of the Court on that day, and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Dated New York, Luke 2, 1889.

an be heard there are an object to be confirmed.

Dated New York, July 3, 1889.

EDWARD L. PARRIS,
THOMAS DUNLAP,
HIRAM D, INGERSOLL,
Commissioners.

### JURORS.

NOTICE IN RELATION TO JURORS FOR STATE COURTS.

Office of the Commissioner of Jurors, Room 127, Stewart Building, Chambers Street and Broadway, New York, June 1, 1883.

A PPLICATIONS FOR EXEMPTIONS WILL BE

New York, June 1, 1883. J

A PPLICATIONS FOR EXEMPTIONS WILL BE
heard here, from 9 to 4 daily, from all persons hitherto liable or recently serving, who have become exempt, and all needed information will be given.
Those who have not answered as to their liablity, 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 penalities. 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 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 lalse statement, and every case will be fully prosecuted.

CHARLES REILLY,

Commissioner of Jurors.

NOTICE OF COMMISSIONER OF JURORS

# NOTICE OF COMMISSIONER OF JURORS IN REGARD TO CLAIMS FOR EXEMPTION FROM JURY DUTY.

ROOM 127, STEWART BUILDING,
NO. 280 BROADWAY, THIRD FLOOR,
NEW YORK, June t, 1889.

CLAIMS FOR EXEMPTION FROM JURY
duty will be heard by me daily at my office, from
JURY
A.M. until 4 p. M.
Those entitled to exemption are: Clergymen, lawyers,
obysicians, surgeons, surgeon-deutitist, professors or

duty will be heard by me daily at my office, from 9 A.M. until 4 P. M.

Those entitled to exemption are: Clergymen, lawyers, physicians, surgeons, surgeon-dentists, professors or teachers in a college, academy or public school, licensed pharmaceutists or pharmacists, actually engaged in their respective professions and not following any other calling; militiamen, policemen, and firemen; election officers, jury non-residents, and city employees, and United States employees; officers of vessels making regular trips; licensed pilots, actually following that calling; superintendents, conductors and engineers of a railroad company other than a street railroad company; telegraph operators actually doing duty as such; Grand, Sheriff's, and Civil Court jurors; stationary engineers; and persons physically incapable of performing jury duty by reason of severe sickness, deafness, or other physical disorder.

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.. 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 jurors, are not exempt.

Every man must attend to

CHARLES REILLY, Commissioner

#### CORPORATION NOTICE.

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

List No. 2024, No. 7. Regulating, grading, setting curb and gutter-stones and flagging in East One Hundred and Forty-ninth street, from Third avenue to the Southern Boulevard.

List No. 3030, No. 2. Sewer in Seventy-seventh street, between Riverside and West End avenues.

List No. 3043, No. 3. Sewer in One Hundred and eventeenth street, between Madison and Fourth

List No. 3044, No. 4. Sewer in One Hundred and First street, between Boulevard and West End avenues. List No. 3045, No. 5. Sewer in One Hundred and Third street, between Eighth and Manhattan avenues. List No. 3046, No. 6. Sewer alterations and improve-nents in Twenty-second street, between First and Third

List No. 3047, No. 7. Sewer alterations and improvements in Fifty-third street, at Tenth avenue.

List No. 3048, No. 8. Basin on northwest corner of One Hundred and Forty-third street and Eighth avenue. List No. 3049, No. 9. Paving Eighty-seventh street, from Ninth to Tenth avenue.

List No. 3050, No. 10. Paving One Hundred and Twenty-first street, from Seventh to Eighth avenue.

List No. 3051, No. 11. Paving Madison avenue, from One Hundred and Eighth to One Hundred and Tenth

List No. 3052, No. 12. Paving One Hundred and Twenty-sixth street, from First to Second avenue.

List No. 3053, No. 13. Paving Sixtleth street, from Ninth to Tenth avenue. List No. 3054, No. 14. Paving One Hundred and Thirteenth street, from Fourth to Madison avenue.

List No. 3055, No. 15. Paving Eighty-seventh street, from Avenue A to Avenue B.

List No. 3056, No. 16. Paving West End avenue, from Eighty-ninth to Ninety-sixth street.

List No. 3057, No. 17. Regulating and grading, curb-ing and flagging One Hundred and Seventeenth street, om Eighth to Ninth avenue. List No. 3-60, No. 18. Laying and relaying flagging and curb on the west side of Third avenue, between Eighty-seventh and Eighty-eighth streets.

List No. 3061, No. 19. Flagging and reflagging, curbing and recurbing south side of Seventy-seventh street, west of Park avenue.

west of Fark avenue.

List No. 3062, No 20. Flagging and reflagging east side of Fifth avenue, between Fifty-sixth and Fifty-seventh streets, and north side of Fifty-sixth street and south side of Fifty-seventh street, extending about 200 feet easterly from Fifth avenue.

List No. 3063, No. 21. Flagging and curbing south side of Fifty-fourth street, between Eighth and Ninth

List No. 3081, No. 22. Sewer in Eldridge street, beween Grand and Broome streets.

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

No. 1. Both sides of One Hundred and Forty-ninth street, from North Third avenue to the Southern Boule-vard, and to the extent of half the block at the inter-secting streets and avenues.

No. 2. Both sides of Seventy-seventh street, from Riverside to West End avenue. No. 3. Both sides of One Hundred and Seventeenth street, from Madison to Fourth avenue.

No. 4. Both sides of One Hundred and First street, from Boulevard to West End avenue.

No. 5. Both sides of One Hundred and Third street, from Eighth to Manhattan avenue, and extending on the west side of Eighth avenue half way between One Hundred and Second and One Hundred and Third street, and One Hundred and Third and One Hundred and Fourth streets.

No. 6. Both sides of Twenty-second street, extending vesterly from Second avenue about 175 feet, and easterly rom Second avenue about 100 feet.

No. 7. West side of Ninth avenue, from Fifty-third to Fifty-fifth street; both sides of Tenth avenue, commencing 75 feet north of Fifty-second street to Fifty-fifth street; both sides of Fifty-third and Fifty-fourth streets, from Ninth to Tenth avenue, and both sides of Fifty-third street, extending about 100 feet westerly from Tenth avenue.

streets, from Ninth to Tenth avenue, and both sides of Fifty-third street, extending about 105 feet westerly from Tenth avenue.

No. 8. North side of One Hundred and Forty-third street, from Eighth avenue to first new avenue west.

No. 9. Both sides of Eighty-seventh street, from Ninth to Tenth avenue, and to the extent of half the block at the intersecting avenues.

No 10. Both sides of One Hundred and Twenty-first street, from Seventh to Eighth avenue, and to the extent of half the block at the intersecting avenues.

No. 11. Both sides of Madison avenue, from One Hundred and Eighth to One Hundred and Tenth street, and to the extent of half the block at the intersecting streets.

No. 12. Both sides of One Hundred and Twenty-sixth street, from First to Second avenue, and to the extent of half the block at the intersecting avenues.

No. 13. Both sides of Sixtieth street, from Ninth to Tenth avenue, and to the extent of half the block at the intersecting avenue, No. 13. Both sides of Sixtieth street, from Ninth to Tenth avenue, and to the extent of half the block at the intersecting avenue, and to the extent of half the block at the intersecting avenues.

No. 15. Both sides of One Hundred and Thirteenth street, from Fourth to Madison avenue, and to the extent of half the block at the intersecting avenues.

No. 16. Both sides of West End avenue, from Eighty-ninth to Ninety-sixth street, and to the extent of half the block at the intersecting avenues.

No. 17. Both sides of West End avenue, from Eighty-ninth to Ninety-sixth street, and to the extent of half the block at the intersecting avenues.

No. 18. West side of Third avenue, from Eighty-seventh to Eighty-eighth street.

No. 19. South side of Seventy-seventh street, commencing about 83 feet westerly from Park avenue and extending westerly about 175 feet.

No. 20. East side of Fifth avenue, from Fifty-sixth to Fifty-seventh street, north side of Fifty-sixth street, extending easterly from Fifth avenue about 200 feet, and south side of Fifty-seventh street, from

No. 22. Both sides of Eldridge street, from Grand to Broome street.

All persons whose interests are affected by the abovenamed assessments, and who are opposed to the same, or either of them, are requested to present their objections in writing to the Chairman of the Board of Assessors, at their office, No. 27 Chambers street, within thirty days from the date of this notice.

The above-described lists will be transmitted, as provided by law, to the Board of Revision and Correction of Assessments for confirmation on the 28th day of September, 1889.

EDWARD GILON, Chairman, PATRICK M. HAVERTY, CHAS. E. WENDT, EDWARD CAHILL,

Board of Assessors.

Office of the Board of Assessors, No. 27 Chambers Street, New York, August 27, 1889.

#### DEPARTMENT OF PUBLIC WORKS.

DEPARTMENT OF PUBLIC WORKS, COMMISSIONER'S OFFICE, ROOM 6, No. 31 CHAMBERS ST., New York, August 21, 1889.

#### TO CONTRACTORS.

BIDS OR ESTIMATES, INCLOSED IN A SEALED envelope, with the tile 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 12 o'clock M. Wednesday, September 4, 1889, at which place and hour they will be publicly opened by the head of the Department.

by the head of the Department.

No. 1. FOR REGULATING AND PAVING WITH
GRANIIE-BLOCK PAVEMENT, WITH
CONCRETE FOUNDATION, THE CARRIAGEWAY OF WHITEHALL STREET,
from Beaver street to South Ferry.

No. 2. FOR FURNISHING MATERIALS AND
PERFORMING WORK IN THE ALTERATIONS AND REPAIRS TO CATHARINE
MARKET BUILDINGS.

Fach extincts must contain the name and along of

TIONS AND REPAIRS TO CATHARINE MARKET BUILDINGS.

Each estimate must contain the name and place of residence of the persons making the same, the names of all persons interested with 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 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 accom-

subsequent letting; the amount to be calculated upon the estimated amount of the work by which the bids are tested.

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

No estimate will be considered unless accompanied by either a certified check upon one of the State or National banks of the City of New York, drawn to the order of the Comptroller, or money, to the amount of five per centum of the amount of the security required for the faithful performance of the contract. Such check or money must nor 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.

THE COMMISSIONER OF PUBLIC WORKS
RESERVES THE RIGHT TO REJECT ALL BIDS
RECEIVED FOR ANY PARTICULAR WORK IF
HE DEEMS IT FOR THE BEST INTERESTS OF

THE CITY.

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 Rooms 11 and 15, No. 31 Chambers street.

THOS. F. GILROY,
Commissioner of Public Works.

DEPARTMENT OF PUBLIC WORKS, COMMISSIONER'S OFFICE, ROOM 6, No. 31 CHAMBERS STREET, New York, August 21, 1889.

### TO CONTRACTORS.

BIDS OR ESTIMATES, INCLOSED IN A scaled 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 12 o'clock M. Wednesday, September 4, 1889, at which place and hour they will be publicly opened by the head of the Department.

No. 1. FOR RECEIVING-BASINS ON THE NORTHWEST, NORTHEAST AND SOUTHEAST CORNERS OF ONE HUNDRED AND FIFTY-SEVENTH STREET AND ELEVENTH AVENUE.

DRED AND FIFTY-SEVENTH STREET AND ELEVENTH AVENUE.

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 surreties 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 way 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 as bail, surety, or otherwise, and that he has offered himself as surety in good faith, with the intention to execute the both required by law.

No estimate will be considered unless accompanied by either

no good rath, with the intention to execute the bond required by law.

No estimate will be considered unless accompanied by either a certified check upon one of the State or National banks of the City of New York, drawn to the order of the Comptroller, or money to the amount of five per centum of the amount of the security required for

the faithful performance of the contract. Such check or money must NoT be inclosed in 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 the deposit will be returned to him.

to him.

THE COMMISSIONER OF PUBLIC WORKS
RESERVES THE RIGHT TO REJECT ALL BIDS
RECEIVED FOR ANY PARTICULAR WORK IF
HE DEEMS IT FOR THE BEST INTERESTS OF
THE CITY.

THE CITY.

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 Room 9, No. 31 Chambers street.

THOMAS F. GILROY,

Commissioner of Public Works.

Department of Public Works, Commissioner's Office, No. 31 Chambers Street, New York, August 14, 1889.

### TO OWNERS OF LANDS ORIGINALLY ACQUIRED BY WATER GRANTS.

ATTENTION IS CALLED TO THE RECENT act of the Legislature (chapter 449, Laws of 1889), which provides that whenever any streets or avenues in the city, described in any grant of land under water, from the Mayor, Aldermen and Commonalty, containing covenants requiring the grantees and their successors to pave, repave, keep in repair or maintain such streets, shall be in need of repairs, pavement or repavement, the Common Council may, by ordinance, require the same to be paved, repaved or repaired, and the expense thereof to be assessed on the property benefited; and whenever the owner of a lot so assessed shall have paid the assessment levied for such paving, repaving or repairing, such payment shall release and discharge such owner from any and every covenant and obligation as to paving, repaving and repairing, contained in the water grant under which the premises are held, and no further assessment shall be imposed on such lot for paving, repaving or repairing such street or avenue, unless it shall be petitioned for by a majority of the owners of the property (who shall also be the owners of a majority of the property in frontage) on the line of the proposed improvement.

The act further provides that the owner of any such lot may notify the Commissioner of Public Works, in writing, specifying the ward number and street number of the lot, that he desires, for himself, his heirs and assigns, to be released from the obligation of such covenants, and elects and agrees that said lot shall be thereafter liable to be assessed as above provided, and thereupon the owner of such lot, his heirs and assigns shall thenceforth be relieved from any obligation to pave, repair, uphold or maintain said street, and the lot in respect of which such notice was given shall be liable to assessment accordingly.

The Commissioner of Public Works desires to give the following explanation of the operation of this act:

When notice, as above described, is given to the Commissioner of Public Works, the owner of the lot or lots therein des

Common Council may, by ordinance, direct to be made thereafter.

No street or avenue within the limits of such grants can be paved, repaved or repaired until said work is authorized by ordinance of the Common Council, and when the owners of such lots desire their streets to be paved, repaved or repaired, they should state their desire and make their application to the Board of Aldermen and not to the Commissioner of Public Works, who has no authority in the matter until directed by ordinance of the Common Council to proceed with the pavement, repavement or repairs. the Common Council the C

DEPARTMENT OF PUBLIC WORKS, COMMISSIONER'S OFFICE, No. 31 CHAMBERS STREET, New YORK, June 1st, 1889.

### PUBLIC NOTICE AS TO WATER RATES.

PUBLIC NOTICE IS HEREBY GIVEN 1HAT in compliance with the provisions of chapter 559, Laws of 1887, amending sections 350 and 921 of the New York City Consolidation Act of 1882, passed June 9, 1882 the following changes are made in charging and collecting water rents:

1. 1887, shall be treated, collected and returned in arrears in the same manner as regular rents have heretore been treated.

2d. In every building where a water meter or meter are now, or shall hereafter be in use, the charge for water by meter measurement shall be the only charge against such building, or such part thereof as is supplied through meter.

such building, or such part thereof as is supplied through meter.

3d. The returns of arrears of water rents, including the year 1887, shall be made as heretofore on the confirmation of the tax levy by the Board of Aldermen, and shall include all charges and penalties of every nature.

4th. A penalty of five dollars (\$5) is hereby established, and will be imposed in each and every case where the rules and regulations of the Department prohibiting the use of water through hose, or in any other wasteful manner, are violated, and such penalties will be entered on the books of the Bureau against the respective buildings or property, and, if not collected, be returned in arrears in like manner as other charges for water.

5th. Charges for so-called extra water rents of every nature, imposed or incurred prior to June 9, 1881, will be canceled of record on the books of the Department.

THOMAS F. GILROY,

Commissioner of Public Works.

REGULATIONS ESTABLISHING A SCALE OF WATER RENTS AND RULES GOVERNING THE USE OF WATER, FOR THE CITY OF NEW YORK, BY ORDER OF THOMAS F. GILROY, COM-MISSIONER OF PUBLIC WORKS.

UNDER CHAPTER 410, LAWS 1882, SECTIONS 350, 351, 352 and 353, and as amended by chapter 559, Laws 1887, as follows:
"The commissioner of public works shall, from time to time, establish scales of rents for the supplying of water, which rents shall be collected in the manner now provided by law, and which shall be apportioned to different classes of buildings in said city in reference to their dimensions, values, exposure to fires, ordinary uses for dwellings, stores, shops, private stables and other common putposes, number of families or occupants, or consumption of water, as near as may be practicable, and modify, alter, amend and increase such scale from time to

time, and extend it to other descriptions of buildings and establishments. All extra charges for water shall to deemed to be included in the regular rents, and shall become a charge and lien upon the buildings upon which they are restectively imposed, and, if not paid, shall be returned as arrears to the clerk of arrears. Such regular rents, including the extra charges above mentioned, shall be collected from the owners or occupants of all such buildings respectively, which shall be situated upon lots adjoining any street or avenue in said city in which the distributing water-pipes are or may be laid, and from which they can be supplied with water. Said rents, including the extra charges aforesaid, shall become a charge and lien upon such houses and lots, respectively, as herein provided, but no charge whatever shall be made against any building in which a water-meter may have been, or shall be placed as provided in this act. In all such cases the charge for water shall be determined only by the quantity of water actually used as shown by said meters.

\* \* \* \* \* \* The said commissioner of public works is hereby authorized to prescribe a penalty not exceeding the sum of five dollars for each offense, for permitting water to be wasted, and for any violation of prescribe for the prevention of the waste of water; such fines shall be added to the regular water rents."

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

FRONT WIDTH.	ı Story.	2 Stories.	3 Stories.	4 Stories.	5 Stories
16 feet and under.	\$4 00	\$5 00	\$6 00	\$7 00	\$8 oo
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 221/2 feet	7 00	8 00	9 00	10 00	11 00
221/2 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 371/2 feet	12 00	13 00	14 OC	15 00	16 00
37 1/2 to 50 feet	14 00	15 00	16 00	17 00	18 00

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

METERS will be placed on all houses where waste of water is found, and theywill be charged at rates fixed by the Department for all the water passing through them. The extra and miscellaneous rates sha be as follows, to wit:

to wit:

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

BAREER SHOPS shall be charged from five to twenty dollars per annum each in the discretion of the Commissioner of Public Works; an additional charge of five dollars per annum shall be made for each bathtut therein

five dollars per annum shall be made for each bathtub therein

BATHING TUBS in private houses, beyond one, shall be
charged at three dollars per annum each, and five
dollars per annum each in public houses, boardinghouses, and bathing establishments. Combination
stationary wash-tubs, having a movable division in
the centre and capable of use for bathing, shall be
charged the same as bathing tubs.

BUILDING PURPORES.—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.

Cows.—For each and every cow, one dollar per annum.

nundred yards.

Cows.—For each and every cow, one dollar per annum.

DINING SALOONS shall be charged an annual rate of from five to twenty dollars, in the discretion of the Commissioner of Public Works.

ISH STANDS (retail) shall be charged five dollars per annum each.

For all stables not metacad.

For all stables not metered, the rates shall be as follows:
Horses, Privare.—For two horses there shall be charged
six dollars per annum; and for each additional horse,
two dollars.

two dollars.

Horses, Livery.—For each horse up to and not exceeding thirty in number, one dollar and fifty cents each per annum; and for each additional horse, one dollar HORSES, OMNIBUS AND CART.—For each horse, one dollar

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

HORSE TROUGHS.—For each trough, and for each half barrel or tub on sidewalk or street, twenty dollars per annum; each trough is to be fitted with a proper ball-cock to prevent waste.

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.

LAUNDRIES shall be charged from eight to twenty dollars per annum, in the discretion of the Commissioner of Public Works.

LIOUGR AND LAGER BEER SALOONS shall be charged an

per annum, in the discretion of the Commissioner of Public Works.

Liquor and Lager Beer Saloons shall be charged an annual rate of ten dollars each. An additional charge of five dollars per annum shall be made for each tap or wash-box.

Photograph Galleries shall be charged an annual rate of from five to twenty dollars, in the discretion of the Commissioner of Public Works.

Printing Offices, when not metered, shall be charged at such rates as may be determined by the Commissioner of Public Works.

Soda, Mineral Water and Root Beer Fountains shall be charged five dollars per annum each.

Steam Engines, where not metered, 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.

Water-Closets and Urinals.—To each building on a lot one water-closet having sewer connection is allowed without charge; each and for a public player-closet.

each and for each norse-power over inteen, the sum of five dollars.

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 connected in any manner with sewer shall be charged two dollars for each seat per annum, whether in a building or on any other portion of the premises. Urinals shall be charged two dollars per annum each.

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.

Under the provisions of section 352, Consolidated Act 1882, water-meters, of approved pattern, shall be hereafter placed on the pipes supplying all stores, workshops

hotels, manufactories, public edifices, at wharves, ferryhouses, stables, and in all places where water is furnished
for business consumption, except private dwellings.

It is provided by section 352, Laws of 1882, 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.

PER DAY, GALLONS.	PER 100 GALLONS, RATE.			
25	05	\$3 75		
50	05	7 50		
60	05	9 00		
70 80	05	10 50		
	05	12 00		
90	05	13 50		
150	05	15 00		
200	05	22 50		
250	05	30 00		
300	04	33 75		
350	031/2	36 oo 36 75		
400	031/2	42 00		
500	031/2	52 50		
600	031/2	63 00		
700	031/2	73 50		
800	031/2	82 00		
900	031/2	94 50		
1,000	031/2	105 00		
1,500	03	135 00		
2,000	021/2	150 00		
2,500	021/2	180 00 1		
3,000	021/2	225 00		
4,000	021/4	280 00		
4,500	021/4	303 75		
5,000	021/4	333 50		
6,000	02	360 00		
7,000	02	420 00		
8,000	02	480 00		
9,000	02	540 00 600 00		

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

No owner or tenant will be allowed to supply water to another person or persons.

All persons taking water from the City must keep their own service-pipes, street tap, and all fixtures connected therewith, in good repair, protected from frost, at their own risk and expense, and shall prevent all waste for the connected therewith.

The use of hose to wash coaches, omnibuses, wagons, railway cars or other vehicles or horses, cannot be permitted.

No horse-troughs or norse-watering fixtures will be permitted in the street or on the sidewalk, except upon a license or permit taken out for that purpose. All licenses or permit taken out for that purpose. All licenses or permits must be annually renewed on the first of May. Such fixtures must be kept in good order and the water not allowed to drip or waste by overrunning the sidewalk or street, or to become dangerous in winter by freezing in and about such troughs or fixtures. No hydrant will be permitted on the sidewalk or in the front area, and any hydrant standing in a yard or alley, attached to any dwelling or building, must not be left running when not in actual use, and if the drip or waste from such hydrant freezes and becomes dangerous in winter, the supply will be shut off in addition to the penalty of five dollars imposed.

Taps at wash-basins, water-closets, baths and urinals must not be left running, under the penalty of five dollars for each offense, which will be strictly enforced.

Fountains or jets in hotels, porter-houses, eating-saloons, confectioreries or other buildings are strictly prohibited.

The use of hose for washing sidewalks, stoops, areas, house-fronts, vards, court-yards, gardens, and about

sations, contectoreries of other buildings are strictly prohibited.

The use of hose for washing sidewalks, stoops, areas, house-fronts, yards, court-yards, gardens, and about stables, is prohibited. Where premises are provided with wells, special permits will be issued for the use of hose, in order that the police or inspectors of this department may understand that the permission is not for the use of Croton water.

Opening fire-hydrants to fill hand sprinklers or other vessels will not be allowed.

The penalty for a violation of any of the preceding rules and regulations will be five dollars for each offense, and if not paid when imposed will become a lien on the premises in like manner as all other charges for unpaid water rates.

By order,

THOMAS F. GILROY,

Commissioner of Public Works.

DEPARTMENT OF PUBLIC WORKS,
COMMISSIONER'S OFFICE,
No. 31 CHAMBERS STREET,
NEW YORK, June 1st, 1889

### NOTICE TO CROTON WATER CONSUMERS.

NUMEROUS APPLICATIONS HAVE BEEN made to this Department by citizens claiming reductions or rebates on bills for water supplied through meters, on the alleged ground of leakage caused by defective plumbing and worn-out service pipes, or by willful waste of water by tenants allowing the faucets to be turned on in full force in water-closets, sinks, etc., without the knowledge or consent of the owners of the premises.

out the knowledge or consent of the owners of the premises.

The main object of the use of water-meters is to enable this Department to detect and check the useless and unwarrantable waste of an element so valuable and essential to the health and comfort of all the citizens, and this object can only be accomplished by enforcing payment for the water wasted.

Under the law all charges for water supplied through meters are a lien against the respective premises, and the law therefore holds the owner of the premises responsible for the amount of water used or wated.

Notice is therefore given to all householders that in all further applications for reduction of water rents, no allowance will be made on account of waste of water occurring through leaks, from defective service pipes or plumbing, or wasteful use of water by tenants or occupants of buildings, though such leakage or waste may have occurred without the knowledge or consent of the owners of the buildings.

House-owners are further notified that whenever their premises become vacant, and are likely to remain vacant, they must notify this Department in writing, and that unless this requirement is complied with no deductions in extra water rents will he allowed for any portion of one year.

THOMAS F. GILROY,

THOMAS F. GILROY, Commissioner of Public Works

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