

# THE CITY RECORD.

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### DEPARTMENT OF SEWERS.

#### Report for the Year Ending December 31, 1898.

DEPARTMENT OF SEWERS—COMMISSIONER'S OFFICE,  
Nos. 265 AND 267 BROADWAY,  
February 16, 1899.

Hon. ROBERT A. VAN WYCK, Mayor:

DEAR SIR—In compliance with section 1544, chapter 378, Laws of 1897, I have the honor to transmit a report of the transactions of this Department for the year 1898.

Document "A"—Contains a summary of appropriation, expenditures with balance on hand; also a statement of requisitions drawn against the different funds in charge of this Department, with amount of outstanding liabilities.

Document "B"—Statement of moneys received, and for what purpose, from the different boroughs.

Document "C"—Report of the Borough of Manhattan.

Document "D"—Report of the Borough of The Bronx.

Document "E"—Report of the Borough of Brooklyn.

Document "F"—Report of the Borough of Queens.

Document "G"—Report of the Borough of Richmond.

The total length of the sewerage system and the number of basins in The City of New York, on December 31, 1898, as compiled from the borough reports, with amount of work done in 1898, is shown in the following table:

	LINEAL MILES OF SEWER.		NUMBER OF BASINS	
	TOTAL.	BUILT IN 1898.	TOTAL.	BUILT IN 1898.
Borough of Manhattan.....	484.35	1.29	5,763	20
Borough of The Bronx.....	136.754	21.267	1,693	177
Borough of Brooklyn.....	6,666.73	6.166	7,390	79
Borough of Queens.....	133.	.....	1,302	.....
Borough of Richmond.....	52.	.645	245	12
Total.....	1,422.777	29.368	16,393	288
In addition to the above there was constructed under head of Alteration and Improvement to Sewers, which amount does not increase the mileage of the system in the Borough of Manhattan.....	.....	2.53	.....	.....

The number of contracts completed during the year and the cost of same as compiled from borough reports, appears in the following tables:

BOROUGH.	NUMBER OF.	COST.
Borough of Manhattan.....	13	\$166,986 05
" The Bronx.....	52	393,368 71
" Brooklyn.....	13	300,791 16
Total.....	78	\$1,061,145 92

In addition thereto, there was five (5) contracts completed in the Borough of Brooklyn, the final payment on which have not been made.

The number of contracts in course of construction and the estimated cost of the same as compiled from borough reports, appear in the following table:

BOROUGH.	NUMBER OF.	ESTIMATED COST.
Borough of Manhattan.....	5	\$169,430 50
" The Bronx.....	37	1,814,925 11
" Brooklyn.....	10	139,785 10
" Queens.....	1	6,716 00
" Richmond.....	1	18,684 00
Total.....	54	\$2,149,540 71

The work now in course of construction in all the boroughs, contracts for the same in nearly all instances were made prior to the consolidation, are progressing satisfactorily, now that the contractors are being paid promptly.

The contracts made this year principally for the boroughs of Manhattan and The Bronx, were on bids received prior to the consolidation, and were delayed in signing until the financial difficulties which existed in the early part of the year were removed. These contracts are also progressing favorably.

There was only one contract made in 1898 in the Borough of Manhattan, the expense of which was payable out of Street Improvement Fund. This work was absolutely necessary to prevent destruction of surrounding property. The cost of same was less than \$1,000, and a contract was made for temporary work under section 559 of the Charter, which is known as the emergency clause.

In addition there were 11 small contracts, aggregating less than \$25,000 (2 in Manhattan, 1 in The Bronx, 7 in Brooklyn and 1 in Queens), chargeable to special appropriations, the expenses for

which were provided by the Board of Estimate and Apportionment. Six of these contracts have been completed and the other five will be completed shortly.

In the Maintenance Bureau of the different boroughs a large amount of work was done, and the sewers and basins were cleaned promptly and efficiently when required.

The system of cleaning sewers and basins on orders, which was the custom prior to 1898, was carefully examined by me, and as I found it worked successfully and was much cheaper than having the same work done by the laboring gangs, decided to continue the custom. In addition thereto I inaugurated the same system of cleaning basins in the Borough of Brooklyn. This I was compelled to do as on assuming office it was found that there were over 3,000 complaints on file in the borough office, and as a result of a careful examination made by myself personally, and by the officers and subordinates of the borough, the basins were found in many instances full and overflowing.

In this matter I refer you more particularly to the report of the Chief Engineer of the Borough of Brooklyn.

In reference to the works contemplated I find a large number in different boroughs are ready for advertisement and am satisfied that they are all needed.

When the proper authority is given this Department by the Board of Public Improvements and the Municipal Assembly they will be advertised, the contracts made and the work diligently prosecuted.

In conclusion, I beg leave to say that the different borough reports contain full and accurate information on all matters that the Department is interested in, that such reports were made only after consultation with the different Deputies and Chief Engineers of the boroughs and myself, and that I fully indorse and approve of everything contained in such reports.

Respectfully,

JAMES KANE, Commissioner of Sewers.

#### DOCUMENT "A."

Statement of Appropriations and Funds, Requisitions Drawn on Comptroller for Year 1898, Balance on Hand December 31, 1898, with Outstanding Liabilities.

TITLE OF APPROPRIATIONS.	APPROPRIATION FOR 1898.	TOTAL AMOUNT CERTIFIED TO COMPTROLLER	BALANCE ON HAND DECEMBER 31, 1898.	OUTSTANDING LIABILITIES.
Department of Sewers—Salaries, General Administration.....	\$45,800 00	\$40,797 59	\$5,002 41	.....
Borough of Manhattan.				
Salaries—Sewers, Repairing and Cleaning.....	10,200 00	10,173 78	26 22	.....
Salaries—Sewerage System.....	5,900 00	5,879 09	20 91	.....
Boring Examinations.....	3,000 00	2,986 00	14 00	.....
Contingencies.....	2,000 00	1,619 64	380 36	.....
Sewers—Repairing and Cleaning.....	130,000 00	128,041 60	1,958 40	\$1,923 71
Salaries—Labor and Assessment Works.....	525 00	505 64	18 36	.....
Repairs—Outlet Sewer in Forty-second Street.....	2,250 00	2,239 85	10 15	.....
Repairs to Sewer under Pier 36, North River.....	1,750 00	.....	1,750 00	1,058 30
Borough of The Bronx.				
Salaries.....	22,000 00	21,660 22	339 78	.....
Boring Examinations.....	15,000 00	14,665 18	334 82	.....
Contingencies.....	1,000 00	250 20	749 80	.....
Sewers and Drains.....	72,250 00	69,293 01	705 99	1,949 00
Preliminary Surveys.....	23,240 00	23,020 58	219 42	.....
Salaries—Labor and Assessment Works.....	6,367 10	6,357 10	10 00	.....
Borough of Brooklyn.				
Salaries—Deputy Commissioner's Office.....	41,100 00	43,909 34	190 66	.....
Salaries—Laying out and Mapping District.....	23,650 00	23,644 56	5 44	.....
Boring Examinations.....	1,000 00	.....	1,000 00	.....
Contingencies.....	3,000 00	2,578 42	421 58	395 00
Sewers—Repairing and Cleaning.....	75,000 00	74,618 82	381 18	320 00
Thirty-first Ward—Sewerage Districts Nos. 1 and 3.....	31,500 00	31,181 54	18 46	18 00
Thirtieth Ward—Bath Beach District.....	2,500 00	2,467 83	32 17	.....
Twenty-sixth Ward Disposal Works.....	12,000 00	11,634 89	356 00	219 00
Dredging Gowanus Canal.....	1,945 38	1,945 38	.....	.....
Dredging Sewer Outlet at Forty-ninth Street.....	2,000 00	57 12	1,942 88	1,610 00
Sewer for Disciplinary Training School.....	7,000 00	347 95	6,652 05	4,556 50
Repairing Trunk Sewer at Flatbush Avenue.....	4,954 62	.....	4,954 62	4,418 00
Dredging Metropolitan Bridge.....	1,100 00	.....	1,100 00	777 60
Borough of Queens.				
Salaries.....	11,186 67	11,059 52	127 15	.....
Sewers—Repairing and Cleaning.....	48,500 00	48,491 26	8 74	.....
Contingencies.....	625 00	624 24	76	.....
Borough of Richmond.				
Salaries.....	10,011 67	10,010 77	90	.....
Sewers—Repairing and Cleaning.....	7,975 00	4,922 51	3,052 49	.....
Contingencies.....	500 00	312 24	187 76	.....

#### TITLE OF FUND.

Borough of Manhattan—Street Improvement Fund.....	\$299,464 11
Borough of The Bronx—Street Improvement Fund.....	865,475 03
Williamsbridge Sewer Fund.....	43,907 61
Borough of Brooklyn—Main Sewer Relief and Extension Fund.....	33,147 22
Sewerage Fund.....	24,378 97
Twenty-ninth Ward Sewers Assessment Bond Account.....	24,213 00
Twenty-ninth Ward Sewers Bond Account.....	12,211 25
Real Estate Expense—Constructing Basins in Wallabout Market.....	441 00
Retained Surety Money on 1897 Contracts.....	448 28



## DOCUMENT "B."

MONEYS RECEIVED FOR PERMITS AND OTHER PURPOSES DURING THE YEAR 1898.

Borough of Manhattan—	
2,036 permits for new connections and 848 permits for repairs.....	\$24,801 92
Received on sale (at public auction) of sundry merchandise.....	78 46
Borough of The Bronx—	
1,727 permits for new connections and 160 permits for repairs.....	18,192 88
Borough of Brooklyn—	
2,462 permits for new connections and 580 permits for repairs.....	27,237 00
Knickerbocker avenue sewer.....	3,377 66
Third avenue sewer.....	3,705 08
Borough of Queens—	
335 permits for connections.....	2,930 00
Borough of Richmond—	
321 permits for connections.....	681 00

## DOCUMENT "C."

OFFICE OF DEPUTY COMMISSIONER OF SEWERS,  
BOROUGH OF MANHATTAN.  
NEW YORK, January 6, 1899.

Hon. JAMES KANE, Commissioner of Sewers:

DEAR SIR—According to your instructions, I hand you herewith the following reports of the operations of your Department for the Borough of Manhattan, during the past year.

The sewer system has been increased as follows:

Brick sewer.....	4,094 feet
Wooden barrel sewer.....	22 "
Pipe sewer.....	2,255 "
Culvert.....	441 "
Total.....	6,812 feet, or 1.29 miles.

Changes in the system, known as "Alterations and Improvements" to existing sewers, which do not add to the length, are as follows:

Brick sewer, 6,577 feet, or 1.24 miles.	
The total length of the foregoing items is 13,389 feet, or 2.53 miles.	
The cost of the same was \$166,986.05.	
There have also been constructed for surface drainage, independent of those constructed in connection with the foregoing sewers, twenty receiving-basins.	
There are now under contract:	
Brick sewer.....	13,293 feet
Pipe sewer.....	3,100 "
Culvert.....	1,885 "

—and 59 receiving-basins connected with the same, making a total length of..... 18,278 feet, or 3.45 miles.

The estimated cost of this work is \$169,430.50.

You will find following in another part of this report, schedule showing location, size, cost, etc., of all the work above enumerated, to which you will refer for further particulars.

One item which largely adds to the cost of drainage in this borough is rock excavation. The number of cubic yards excavated during the past year is 8,754; preliminary estimate of the same, previous to letting contract, was 10,050. This estimate was made by driving down rods from the surface of the ground until the same brought up on solid rock. This method is somewhat imperfect, but it is the most convenient, and most ready for the work we have on hand.

The error is generally on the right side; that is to say, in excess of the quantities as they actually turn out after a careful measurement, when the rock has been stripped during the progress of the work.

Plans and specifications are now ready for the following list of sewers, amounting to about 6¼ miles, which are now in charge of either the Local Board of Public Improvement, the Board of Public Improvements, or the Municipal Council. It is expected, however, that they will all be finally authorized by all the boards empowered to pass on them, and contracts will be made for the same early in the season:

- Sewer in Twenty-fifth street, between Boulevard and Amsterdam avenue.
- Sewer in Forty-fifth street, between Third and Vanderbilt avenues.
- Sewer in One Hundred and Forty-sixth street, between Eighth and Bradhurst avenues.
- Outlet sewer and overflow at foot of Twenty-sixth street, North river, with alteration and improvement to sewer in Twenty-sixth street, between Eighth and Thirteenth avenues, etc.
- Alteration and improvement to sewer in Fifty-sixth street, between Lexington and Park avenues.
- Sewer in Sixty-third street, between East river and Avenue A.
- Sewers in One Hundred and Twenty-fifth street, between Lenox and Eighth avenues.
- Sewer in Thirty-sixth street, between East river and First avenue.
- Sewer in Washington street, between Cortlandt and Fulton streets.
- Sewers in Washington street, between Park place and Vesey street.
- Sewers in Washington street, between Park place and Murray street.
- Sewers in Washington street, between Murray and Chambers streets.
- Sewers in Second avenue, between Second and Third streets.
- Sewer in University place, between Waverly place and Eighth street.
- Sewer in University place, between Twelfth and Fourteenth streets.
- Sewer in One Hundred and Seventy-first street, between Amsterdam and Eleventh avenues.
- Basins on southwest corners of Sixty-fourth, Sixty-fifth and Sixty-sixth streets and Central Park, West.
- Basin southwest corner One Hundred and Twenty-second street and Eighth avenue.
- Basin northwest corner One Hundred and Fifty-fifth street and Edgecombe road.
- Basin southwest corner One Hundred and Twentieth street and Boulevard.
- Basin southeast corner One Hundred and Fifth and One Hundred and Sixth streets and Riverside avenue.
- Basins northeast corners One Hundred and Sixth and One Hundred and Seventh streets and Riverside avenue.
- Basins northeast and southeast corners One Hundred and Ninth street and Riverside avenue.
- Basins southeast corner Cathedral parkway and northeast corner Eleventh street and Riverside avenue.
- Basins northeast corners One Hundred and Twelfth, One Hundred and Thirteenth and One Hundred and Fourteenth streets and Riverside avenue.
- Sewers in Washington street, between Hubert and Laight streets.
- Sewers in Washington street, between Duane and Franklin streets.
- Sewers in St. Nicholas terrace, between One Hundred and Thirtieth and One Hundred and Thirty-fifth streets.
- Sewer in St. Nicholas terrace, between One Hundred and Thirty-seventh street and Convent avenue.
- Sewer in Amsterdam avenue, west side, between One Hundred and Thirteenth and One Hundred and Sixteenth streets.
- Sewer in Edgecombe road, between One Hundred and Sixty-second and One Hundred and Sixty-seventh streets.
- Sewer in Seventh avenue, east side, between One Hundred and Thirty-seventh and One Hundred and Thirty-eighth streets.
- Outlet and overflow at One Hundred and Twenty-ninth street, North river, etc.
- Sewer in Jackson street, between East river and Front street, and to outlet under Pier (old 54), and new sewers in South street, between Jackson street and Gouverneur slip.
- Sewer in One Hundred and Thirty-ninth street, between Boulevard and Hamilton place.
- Sewer in Audubon avenue, between One Hundred and Sixty-ninth and One Hundred and Seventy-second streets.
- Sewer in Eleventh avenue, west side, between One Hundred and Seventieth and One Hundred and Seventy-fifth streets.
- Sewer in Eleventh avenue, west side, between One Hundred and Seventy-fifth and One Hundred and Seventy-eighth streets.
- Sewer in One Hundred and Forty-fourth street, between Hudson river and Boulevard.
- Sewer in Nagle avenue, between Academy and Dyckman streets.
- Sewer in Ninth avenue, between Eighteenth and Twenty-third streets.
- Sewer in Seventh avenue, east side, between Harlem river and One Hundred and Fifty-third street, etc.
- Sewer in One Hundred and Sixty-fourth street, between Amsterdam avenue and Kingsbridge road, etc.
- Sewer in One Hundred and Eighty-eighth street, between Amsterdam and Audubon avenues.
- Sewer in One Hundred and Eighty-eighth street, between Eleventh and Audubon avenues.
- Alteration and improvement to sewer in Lawrence street, between Amsterdam avenue and One Hundred and Twenty-sixth street, etc.
- Receiving-basin on northeast corner Scammel and Water streets.

Receiving-basin on north and south sides of Ninety-sixth street, between Riverside avenue and New York Central and Hudson River Railroad.

Receiving-basin on northeast corner One Hundred and Thirty-seventh street and south-east corner One Hundred and Forty-seventh street and Eighth avenue.

Receiving-basins on northeast corners One Hundred and Fifty-first and One Hundred and Fifty-second streets and Eighth avenue.

Receiving-basins on southeast corners One Hundred and Fifty-fourth and One Hundred and Fifty-fifth streets and Eighth avenue.

Receiving-basins on northeast corners One Hundred and Fifty-third and One Hundred and Fifty-fourth streets and Eighth avenue.

Receiving-basin on northwest corner Ninetieth street and Lexington avenue.

The total length of the sewerage system in this borough is now 484.35 miles, and the total number of basins connected therewith is 5,763. The following table shows the growth of the sewerage system of this borough from the year 1870 up to date.

Abstracts from Reports of Engineer in Charge of Sewers, 1870-1898.

DATE.	FEET OF SEWER BUILT.	BASINS BUILT.	FEET OF CULVERT BUILT.	FEET OF DRAINS BUILT.	TOTAL LENGTHS OF SEWER IN FEET.	TOTAL NUMBER OF BASINS.	TOTAL LENGTHS OF SEWERS IN MILES.
Built by Croton Aqueduct Department to—							
Apr. 10, 1870.....	.....	....	....	1,500	1,377,038	3,372	260.82
" 11, 1871.....	79,568	231	3,680	.....	1,456,606	3,603	275.87
" 10, 1872.....	64,153	184	1,975	5,700	1,520,759	3,787	288.02
" 30, 1873.....	33,522	67	2,472	22,601	1,632,986	3,854	309.28
Dec. 31, 1873.....	54,117	83	2,519	10,642	1,700,263	3,952	322.00
" 31, 1874.....	69,740	161	3,805	16,014	1,789,822	4,113	338.98
" 31, 1875.....	48,444	129	3,271	15,206	1,856,743	4,252	351.66
" 31, 1876.....	22,629	88	3,610	.....	1,883,018	4,340	356.63
" 31, 1877.....	28,587	57	1,810	.....	1,913,415	4,397	362.39
" 31, 1878.....	33,506	92	2,040	.....	1,949,337	4,489	369.19
" 31, 1879.....	11,869	35	854	.....	1,962,070	4,525	371.60
" 31, 1880.....	25,449	49	1,472	.....	1,988,991	4,573	376.70
" 31, 1881.....	33,132	21	487	.....	2,022,610	4,594	383.07
" 31, 1882.....	40,443	98	2,578	.....	2,065,631	4,692	391.22
" 31, 1883.....	33,454	130	2,833	.....	2,102,025	4,822	398.11
" 31, 1884.....	64,881.42	206	5,256.56	.....	2,172,273	5,028	411.41
" 31, 1885.....	18,663	28	603	.....	2,166,723	5,035	410.36
" 31, 1886.....	19,682.50	42	798	.....	2,186,980	5,063	414.20
" 31, 1887.....	36,517	43	1,102	.....	2,225,554	5,112	421.51
" 31, 1888.....	39,954	81	1,981	.....	2,265,128	5,159	429.08
" 31, 1889.....	31,100	....	1,274	.....	2,290,103	5,209	433.73
" 31, 1890.....	21,070	39	....	.....	2,312,078	5,248	437.89
" 31, 1891.....	33,803	69	2,277	.....	2,345,881	5,314	444.29
" 31, 1892.....	30,905	62	1,612	.....	2,372,684	5,376	449.37
" 31, 1893.....	38,774	55	2,184	.....	2,406,647	5,432	455.80
" 31, 1894.....	40,192	49	1,140	.....	2,438,903	5,481	462.00
" 31, 1895.....	31,242	68	1,448	.....	2,471,593	5,549	468.20
" 31, 1896.....	19,580.25	66	1,450	.....	2,493,110	5,615	472.18
" 31, 1897.....	54,793	128	2,658	.....	2,550,561	5,743	483.06
" 31, 1898.....	6,371	20	441	.....	2,557,373	5,763	484.35

Mileage corrected by resurvey of sewers built previous to 1870.

Among the works completed during the past year, the following may be considered the most important:

South street, between Gouverneur slip and Montgomery street and in Gouverneur slip, east and west sides, between South and Water streets, with alteration and improvement to connecting sewers in Front, Water and Gouverneur streets; this work was made necessary by the construction of the new Gouverneur Hospital, which is built directly on the line of the old sewer, which used to run through about the middle of the slip, and empty into the river at the bulkhead-line.

"Alteration and improvement to sewers in Tenth street, between Avenues A and C and in Avenue A, between Ninth and Tenth streets;" the old sewers were in a very bad condition, all out of grade, the bottom and top being gone in several places; the sewer was completely worn out, having been in use since 1844.

"Alteration and improvement to sewers in Twentieth street, between Ninth and Eleventh avenues and in Eleventh avenue, between Twentieth and Twenty-third streets, and in Twenty-first and Twenty-second streets, between Tenth and Eleventh avenues;" the old sewers in Eleventh avenue (aqueduct shaped, 5 feet 8 inches in height by 10 feet in width), were in a very dilapidated condition, being sunken for many feet in several places. The sewer in Twentieth street, between Ninth and Tenth avenues, and also the parts of sewers rebuilt in Twenty-first and Twenty-second streets were also very bad.

"Alteration and improvement to sewers in Park avenue, between Seventieth and Seventy-second streets and in Seventieth street, between Park and Lexington avenues;" these sewers were all 12-inch pipe, and were in a very bad condition, being broken in many places; they were also inadequate for the area draining into same, and were replaced with brick sewers.

Also the following:

"Dyckman street, between Naegle avenue and Harlem river driveway."

"One Hundred and Eleventh street, between Amsterdam avenue and Riverside drive."

"Claremont avenue, between One Hundred and Twenty-second and One Hundred and Twenty-fifth streets."

"One Hundred and Sixteenth street, between Riverside and Boulevard, and in Claremont avenue, between One Hundred and Sixteenth and One Hundred and Nineteenth streets."

"One Hundred and Eighty-ninth street, between Amsterdam and Eleventh avenues."

There are now in the Borough of Manhattan, unsewered streets as follows:

	Miles.
North of One Hundred and Twenty-fifth street.....	34
South of One Hundred and Twenty-fifth street.....	10.5
Total.....	44.5

This will probably be reduced this season about 6¼ miles of sewers, which we propose to construct.

In addition to the foregoing, there are many miles of sewers which ought to be rebuilt under the provisions of law allowing the Department to alter and improve the old sewerage system wherever it is deemed necessary.

The sewers which it will be necessary to reconstruct and change are well distributed about the lower part of the city, being for the most part sewers built 40 or 50 years ago, of unsuitable shape, and either of too great or too little capacity, and now much fallen out of repair.

There are also a considerable amount of pipe sewer, laid some 25 years ago, which have outlived their usefulness, and should be either replaced with brick sewer or pipe of approved kind as manufactured at the present date.

## MAINTENANCE.

The force of laborers and mechanics employed during the year is as follows:

Foremen.....	13
Assistant Foremen.....	4
Horse and wagon.....	6
Horse and cart.....	4
Bricklayers.....	6



Laborers .....	29
Toolmen .....	14
Plumber's Assistant .....	1
Total .....	78

The same system of cleaning catch-basins which has been in vogue during several years past has been continued during this year, at the cost of \$4.50 each.

The total number of basins cleaned was 7,245, at a cost of \$32,602.50.

The cleaning of brick sewers has been done, as in previous years, under an agreement with a contractor, who receives orders from time to time for the different works that may be necessary.

Under this system, 231,273 feet of sewer were cleaned at a cost of \$28,098.53. The cost per linear foot is \$0.1215.

The amount of the appropriation for the past year was \$130,000, which was increased by an additional special appropriation of \$4,000, made for the purpose of repairing box sewer at West Forty-second street, and barrel sewer at Pier 36, North river.

The cost of repairs to box sewer at West Forty-second street was ..... \$2,021 85

And it is estimated that the cost of repairs to barrel sewer at Pier 36, North river, will be ..... 1,058 00

Expended for minor repairs during the year ..... 480 00

\$3,559 85

The balance of the appropriation, as will appear further on in this report, was expended for the ordinary service required in keeping the sewers and basins clean and in repair.

The men engaged in the examination of the condition of the sewer system and making reports as to sewer cleaning, examined 726,541 feet, or 137.6 miles of sewers. Of this amount 231,273 feet, or about 44 miles, were found dirty and cleaned.

It appears from the above figures that about 32/100 of the sewers examined were found to require cleaning.

The examination force is insufficient to give us a good idea of the condition of the whole system so that we may be enabled to keep it all in a sanitary condition. This force ought to be doubled, and about twice as much work done in cleaning as we do at present.

Our laboring force cleaned by flushing 80,600 feet of pipe sewer at a cost of \$8,261.50, or \$0.104 per linear foot. The total cleaned under orders and by days' work is 311,873 feet, at a cost of \$36,360.03, or \$0.116 per linear foot.

The following table shows the amount spent for cleaning sewers from the year 1885 to date, together with the mileage of the system and the number of feet cleaned :

YEAR.	MILES IN SEWER SYSTEM.	COST.	FEET CLEANED.
1885.....	410.36	\$11,769 41	No record.
1886.....	414.20	21,769 41	55,819
1887.....	421.51	18,415 87	80,069
1888.....	429 08	26,414 10	101,785
1889.....	433.73	30,559 50	161,050
1890.....	437.89	36,729 62	240,850
1891.....	444.29	17,360 88	133,008
1892.....	449.37	11,186 18	77,764
1893.....	455.80	13,243 45	92,963
1894.....	461.52	9,541 79	78,685
1895.....	468.20	7,513 71	63,565
1896.....	472.18	28,493 06	192,836
1897.....	483.06	33,597 99	251,094
1898.....	484.35	28,098 53	231,273

The appropriation was expended as follows :

Appropriation .....	\$130,000 00
Special Appropriation .....	2,250 00
	<u>\$132,250 00</u>

Pay-roll of Laborers, etc.....	\$58,113 79
Materials, etc.....	8,626 94
Work done on orders .....	59,302 87
Repairs.....	2,717 85

Outstanding bills.....	\$1,923 50
Transportation.....	1,520 00
Total.....	<u>\$132,204 95</u>
Balance.....	<u>\$45 05</u>

You will also find annexed to this report detailed statement of work done by the force of mechanics and laborers.

The Complaint Book shows that there were received from various sources complaints as follows :

Sewers stopped.....	237
Basins stopped.....	1,646
Miscellaneous.....	619
	<u>2,502</u>

Out of this number 437 were found to be without foundation or belonging to other departments to attend to. Every case was investigated, and the proper remedy applied.

The Permit Clerk, whose duty it is to issue permits to plumbers to connect buildings with public sewers and to collect the fees therefor, reports as follows :

The following are the number of permits issued by me to connect buildings with the public sewers, and the number of permits to repair or relay old house connections during the year 1898 ; also the amount of money received for the same :

Permits to connect sewers.....	760
Permits to repair sewers .....	1,022
Number of openings made.....	2,923
Money received.....	<u>\$24,801 92</u>

The work of the Draughting Room during the past year was as follows :

58 contract plans, as follows :

40 plans for new sewers.

2 plans for repairs to sewers.

16 plans for receiving-basins.

56 file plans, as follows :

8 filings of 7 plans each.

59 Inspector's books.

22 assessment lists, containing 170 sheets of maps and assessing.

4,517 separate pieces of property.

The Inspector of Cement tested 1,589 specimens—

For sewers.....	695
For paving.....	<u>894</u>

—of which 49 samples were not up to the requirements of the Department, and were rejected.

In conclusion, I beg to say that the work of this Department in the construction of sewers was paralyzed during the past year on account of the financial difficulties of the City Government, but at the present moment, the prospect is that funds will be provided for carrying on all works which have been projected, and for which plans have been made and which are very much needed during the coming season.

Respectfully submitted,

(Signed) MATTHEW F. DONOHUE,  
Deputy Commissioner of Sewers, Borough of Manhattan.

#### Work Done by Mechanics and Laborers.

160 receiving-basins cleaned.  
7,245 receiving-basins cleaned.  
369 manholes cleaned.  
97,408 linear feet of sewer cleaned.  
194,069 linear feet of sewer relieved.  
726,541 linear feet of sewer examined.  
169 linear feet of pipe sewer laid.  
228 linear feet of pipe culvert laid.  
33 linear feet of spur pipe laid.  
4 linear feet of new curb set.  
9 new manholes built.  
251 manhole heads reset.  
105 basin heads reset.  
191 new manhole heads and covers put on.  
2 new basin heads and covers put on.  
384 new manhole covers put on.  
108 new basin covers put on.  
47 new basin hoods put in.  
52 new basin grates put in.  
4,653 cubic feet of brickwork built.  
1,129 square feet of flagging relaid.  
1,411 square yards of pavement relaid.  
4,676 cubic feet of earth excavated and refilled.  
29 cart loads of earth filling.  
361 cart loads of dirt removed.

#### Sewers Completed during the Year 1898.

LOCATION OF WORK.	4' circular Wooden Barrel.	BRICK SEWER.								15" Pipe.	6" House Con- nection Drains.	Culvert.	Basins.	CUBIC YARDS ROCK.	TOTAL COST.
		6' 9" x 4' 6"	6' 0" x 4' 6"	6' 0" x 4' 0"	5' 0" x 4' 0"	Circular.	4' 0" x 2' 8"	3' 6" x 6' 0"	3' 6" x 2' 4"						
South street, between Gouverneur slip and Montgomery street, and in Gouverneur slip, east and west sides, between South and Water streets, with alteration and improvement to connecting sewers in Front, Water and Gouverneur streets.....	22	....	....	....	....	587	140	....	941	....	79	55½	4	.....	\$16,235 78
Alteration and improvement to sewer in Tenth street, between Avenues A and C, and in Avenue A, between Ninth and Tenth streets .....	..	....	....	....	....	....	1,724	....	....	....	365	69	5	.....	20,543 53
One Hundred and Eighty-ninth street, between Amsterdam and Eleventh avenues, with curves in Audubon avenue.....	..	....	....	....	....	....	....	....	503½	233	....	30	2	1,976½	8,675 66
Claremont avenue, between One Hundred and Twenty-second and One Hundred and Twenty-fifth streets.....	..	....	....	....	....	....	....	....	....	541	....	110	3	1,490¾	6,939 22
One Hundred and Sixteenth street, between Riverside avenue and Boulevard, and in Claremont avenue, between One Hundred and Sixteenth and One Hundred and Nineteenth streets.....	..	....	....	....	....	....	....	....	1,030	823	....	25	1	1,921	9,528 50
Alteration and improvement to sewer in Twentieth street, between Ninth and Eleventh avenues, and in Eleventh avenue, between Twentieth and Twenty-third streets, and Twenty-first and Twenty-second streets, between Tenth and Eleventh avenues .....	..	400	500	1,169	....	277	137	149	184	....	....	75	2	.....	36,744 00
Alteration and improvement to sewers in Park avenue, east side, between Seventieth and Seventy-second streets, and in Seventieth street, between Park and Lexington avenues.....	..	....	....	....	....	....	....	....	844	....	97	34	..	146	11,316 80
Alteration and improvement to sewer in Central Park, South, between Fifth and Sixth avenues.....	..	....	....	....	....	652	....	....	....	....	340	....	..	636	33,677 36
Seventh avenue, west side, between One Hundred and Fortieth and One Hundred and Forty-second streets.....	..	....	....	....	....	....	....	....	....	251	....	15¾	1	730¾	4,096 45
Seventh avenue, west side, between One Hundred and Forty-third and One Hundred and Forty-fourth streets, connecting with sewer in One Hundred and Forty-fourth street west of Seventh avenue.....	..	....	....	....	....	....	....	....	102¾	179½	....	18	1	870	4,782 58
One Hundred and Eighty-sixth street, between Amsterdam and Eleventh avenues.....	..	....	....	....	....	....	....	....	471½	227¾	....	9	1	982	6,165 45
Washington street, between King and Leroy streets.....	..	....	....	....	....	....	....	....	561	....	....	....	..	.....	4,539 37
Avenue C, between Second and Fourth streets.....	..	....	....	....	....	....	....	....	398	....	....	....	..	.....	3,741 35
Total.....	22	400	500	1,169	652	864	2,001	149	5,035¾	2,255¾	881	411¼	20	8,753	\$166,986 05



Contracts now in Progress, December 31, 1898.

LOCATION OF WORK.	SEWER.		Culvert— Lateral Feet.	Basins.	Gully Traps.	Rock— Cubic Yards.	ESTIMATED COST.
	Size.	Lineal Feet.					
Outlet sewer for Sewerage District No. 29, with sewers in Boulevard Lafayette, etc. ....	5' x 4'	555	1,020	21	14	8,500	\$70,846 50
	4' x 2' 8"	2,956					
	3' 6" x 2' 4"	2,237					
Outlet sewer for Sewerage District No. 27, through Two Hundred and First street, etc. ....	6' x 4'	1,545	450	18	..	1,500	51,847 50
	4' x 2' 8"	1,190					
	3' 6" x 2' 4"	1,105					
One Hundred and Seventy-eighth street, between Amsterdam avenue and Kingsbridge road, etc. ....	15" pipe.	2,390	125	6	..	2,600	15,210 00
	3' 6" x 2' 4"	1,580					
	15" pipe.	220					
One Hundred and Eightieth street, between Amsterdam avenue and Kingsbridge road, etc. ....	3' 6" x 2' 4"	770	65	3	..	3,500	15,376 50
	15" pipe.	490					
	3' 6" x 2' 4"	1,355					
Fort Washington avenue, extending about 1,240 feet from Kingsbridge road .....			225	11	..	3,175	16,150 00
Total .....		16,393	1,885	59	14	19,275	\$169,430 50

## DOCUMENT "D."

DEPARTMENT OF SEWERS—BOROUGH OF THE BRONX,  
NEW YORK, December 31, 1898.

Hon. JAMES KANE, Commissioner of Sewers, City of New York:

DEAR SIR—In compliance with the provisions of title 3, section 457, chapter 378 of the Laws of 1897, I hereby respectfully submit a report of the operations and actions of this Department during the year ending December 31, 1898, together with a summarized statement of the work done during the year.

The total length of sewers in the Borough of The Bronx on December 31, 1898, was 136.754 miles, of which 21.267 miles were constructed during the year 1898.

In view of the financial condition of the city during a portion of the past year and the delay in making payments upon works under construction and the uncertainty arising from legal complications growing out of the exceeding of the debt limit, the amount of sewer construction completed and the number of sewers in course of construction, were very large.

In the Construction Bureau of this Department, several important sewers were completed; the total number of the same being 52. Very substantial and important additions to the sewer system in this borough completed during the past year, were the outlet sewer in Fordham road from the Harlem river to Aqueduct avenue, which drains a very large and important section in this borough; the sewer in Moshulu parkway, from Webster avenue to Jerome avenue, the sewers in East One Hundred and Sixty-seventh street, between Intervale avenue to Prospect avenue, and from Intervale to West Farms road; the sewer in Perot street, from the existing sewer in Boston avenue to Sedgwick avenue; the sewer in East One Hundred and Sixty-third street, from Sherman avenue to Morris avenue; the sewer in Bainbridge avenue, from Kingsbridge road to One Hundred and Ninety-seventh street, and a large and important sewer in One Hundred and Forty-first street, from Walnut avenue to Cypress avenue.

Work was abandoned by the contractors on the Farragut street outlet sewer, which drains the west shed of the Bronx river, south of the Bronx park, with the extension north to Pelham avenue, the contemplated cost of which was \$800,000. This sewer will be the outlet for a large number of minor trunk and lateral sewers throughout this section. Several of such sewers have been completed and several others are in course of construction; therefore, the necessity for providing an outlet for them is obvious, and I urge that this contract be relet at the earliest possible moment.

In the territory east of the Bronx river the Williamsbridge sewers have received full attention. Reference to the tabulated statement attached to this report shows that during the year 2.682 miles of sewers have been built.

With regard to the works now in course of construction, the most important are, the sewer in Woodlawn road, from Webster to Bainbridge avenue; sewer in East One Hundred and Eighty-seventh street, from Southern Boulevard to Lorillard place; sewers in the district bounded by Fifteenth street, White Plains avenue, etc., which latter are a very important part of the Williamsbridge system; the sewer in East One Hundred and Ninety-second street, between Grand and Creston avenue; sewer in Crescent avenue, between One Hundred and Eighty-seventh street and Arthur avenue and the sewer in East One Hundred and Seventy-fifth street, from Jerome to Morris avenue. The work on these contracts and upon the other contracts under course of construction is progressing very fairly.

A large number of estimates of cost and of assessed valuation for new work contemplated to be done by this Department in this borough have been prepared in accordance with the direction contained in various resolutions of the Board of Public Improvements. Notable amongst these are the sewers in certain avenues and streets in the Williamsbridge sewer system lying east of White Plains avenue and west of White Plains avenue, the approximate cost of which has been fixed at \$135,000, and the outlet sewer in East One Hundred and Ninety-second street, between the Harlem river and Exterior street, and in Exterior street, between East One Hundred and Ninety-second street and Broadway, and in Broadway, from Exterior street to the city line, which would be a most important and extensive part of the sewer system, the approximate cost of which has been fixed at \$810,000. All of these contemplated improvements should be put under way during the coming year.

Great activity has been exhibited in the Maintenance Bureau of this Department. Reference to the tabulated statement attached to this report of the work done in the latter Bureau shows that 1,972 receiving-basins have been cleaned; that 65,745 cubic feet of deposit has been removed from the large outlet sewer in Brook avenue and that an extraordinary amount of general work has been done by this Bureau.

The tables submitted give the general details of the work done.

Respectfully,  
(Signed) THOS. J. BYRNE,  
Deputy Commissioner of Sewers, Borough of The Bronx.

Total Summary of Expenditures for the Year ending December 31, 1898, being Amount of Requisitions Drawn on Comptroller on account of Appropriations.

	FIRST QUARTER.	SECOND QUARTER.	THIRD QUARTER.	FOURTH QUARTER.	TOTAL.
For "Salaries," "Boring Examinations," "Contingencies," "Preliminary Sur- veys," "Sewers and Drains," etc. ....	\$13,828 74	\$33,317 55	\$37,236 90	\$44,506 00	\$128,889 19
Account "Williamsbridge Sewer Fund," .....	8,434 15	10,710 34	12,308 43	12,454 69	43,907 61
Account of "Street Improvement Fund," assessments on property benefited. ....	191,977 07	214,063 34	241,296 28	218,138 34	865,475 03
Total .....	\$214,239 95	\$258,091 23	\$290,841 61	\$275,099 03	\$1,038,271 83

Detailed Statement of Expenditures for which Requisitions were Drawn on the Comptroller by the Deputy Commissioner of Sewers, Borough of The Bronx, during the Year ending December 31, 1898.

	FIRST QUARTER.	SECOND QUARTER.	THIRD QUARTER.	FOURTH QUARTER.	TOTALS.
"Office of Deputy Commis- sioner"— Salary of Deputy Commis- sioner, Secretary, Clerks, etc. ....	\$2,777 64	\$4,239 46	\$5,851 41	\$8,791 71	\$21,660 22
	\$2,777 64	\$4,239 46	\$5,851 41	\$8,791 71	

	FIRST QUARTER.	SECOND QUARTER.	THIRD QUARTER.	FOURTH QUARTER.	TOTALS.
"Boring Examinations, etc."—					
Pay-roll, Laborers. ....	\$9 00	\$580 12	\$830 75	\$380 25	\$1,800 12
Pay-roll, Engineers, etc. ....		358 57	1,603 55	470 00	2,432 12
Pay-roll, Sounders. ....		438 50	4,078 75	5,915 69	10,432 94
	\$9 00	\$1,377 19	\$5,513 05	\$6,765 94	\$14,665 18
"Contingencies"—					
Sundries (rubber stamps, etc.) .....		\$5 75	\$8 75	\$17 15	\$31 65
Badges (Inspectors, etc.) .....				218 55	218 55
		\$5 75	\$8 75	\$235 70	250 20
"Sewers and Drains"—					
Pay-roll, Laborers. ....	\$8,204 70	\$12,837 67	\$17,804 71	\$21,234 67	\$60,081 75
Pay-roll, Sounders. ....		12 00	28 00	171 00	211 00
Pay-roll, Engineers, etc. ....	85 00	70 99	115 90	330 16	602 05
Pay-roll, Superintendent of Maintenance .....	87 10	300 00			387 10
Pay-roll, Inspectors. ....			136 00	52 00	188 00
Paid contractors rebuilding sewers, etc. ....		824 60	200 00	1,155 00	2,179 60
Hardware, Paints and Sup- plies .....		57 76	1,327 74	499 89	1,885 39
Lumber and coal .....		252 94	221 02	802 28	1,276 24
Sewer-pipe, cement, brick, etc. ....		110 97	74 04	430 28	615 29
Feed, hay, oats and straw. ....		87 30	42 23	83 24	212 77
Veterinary surgeon, shoeing horses, etc. ....		11 00	101 03	95 25	207 28
Horses, harness and car- riage repairs. ....		231 70		213 00	444 70
Rubber boots. ....		206 07		413 60	619 67
Rent of stables. ....				200 00	200 00
New harness and repairs. ....				69 00	69 00
Sundries (moving furniture, etc.) .....	30 17	64 00		19 03	113 17
	\$8,406 97	\$15,067 00	\$20,050 67	\$25,768 37	69,293 01
"Preliminary Surveys, etc."—					
Pay-roll, engineers, etc. ....	\$2,296 13	\$5,998 78	\$1,352 98	\$256 44	\$9,904 33
Pay-roll, laborers, etc. ....	75 00	1,453 70	1,176 00	578 37	3,283 07
Pay-roll, sounders, etc. ....	264 00	2,410 00	783 50		3,457 50
Traveling expenses. ....		517 23	540 59	1,117 29	2,175 11
Rent, branch offices. ....			200 00	531 00	731 00
Feed, hay, oats and straw. ....		72 69	142 50	80 40	295 59
Horses, harness, carriages and repairs. ....		924 50	115 40	139 20	1,179 10
Engineers' Supplies:					
Drawing materials, etc. ....		796 11			796 11
Repairs. ....			31 75		31 75
Lumber, etc. ....		90 18	56 22	19 08	165 48
Rubber boots. ....				130 20	130 20
Mounting maps. ....			29 00	46 75	75 75
Veterinary surgeon and shoeing horses. ....			12 00	45 55	57 55
Hardware, etc. ....		192 56	190 38		382 94
New harness and repairs. ....			182 70		182 70
Sundries (moving furni- ture, safes, etc.) ....		172 40			172 40
	\$2,635 13	\$12,638 15	\$4,813 02	\$2,944 20	23,020 50
"Williamsbridge Sewers"—					
Paid contractors construct- ing sewers, etc. ....	\$5,167 99	\$8,533 32	\$9,995 36	\$9,886 83	\$33,583 50
Pay-roll, engineers, { draughtsmen, etc. ....	2,480 97	1,022 64	1,214 68	1,639 66	6,357 95
Pay-roll, inspectors. ....	580 00	668 00	864 00	672 00	2,784 00
Pay-roll, sounders. ....	124 00	215 00			399 00
Pay-roll, laborers. ....		236 25			236 25
Traveling expenses. ....	21 19	35 13	23 65	50 95	130 92
Horse and feed for same. ....			42 73	156 75	199 48
Horseshoeing and repairs to wagon. ....			7 50	48 50	56 00
Iron gate, ladder and repairs. ....			160 51		160 51
	\$8,434 15	\$10,710 34	\$12,308 43	\$12,454 69	43,907 61
"Street Improvement Fund"—					
Paid contractors construct- ing sewers, etc. ....	\$157,278 61	\$180,386 79	\$207,919 58	\$185,221 39	\$730,806 37
Pay-roll, engineers and in- spectors. ....	34,698 46	16,750 59	19,164 45	18,818 95	89,432 45
Pay-roll, inspectors. ....		15,079 50	13,126 00	13,898 00	42,103 50
Pay-roll, sounders. ....		1,571 96	1,035 25	189 00	2,797 21
Pay-roll, laborers. ....		240 00	50 00		290 00
Sundries (binding maps and assessment lists). ....		34 50		11 00	45 50
	\$191,977 07	\$214,063 34	\$241,296 28	\$218,138 34	865,475 03
Grand total .....					\$1,038,271 83

There is still outstanding some bills against the balances on these appropriations and the amounts total shown charged to each appropriation and fund are up to and including December 31, 1898, with the exception of the aforesaid orders and bills outstanding.

On October 3, 1898, there was a transfer of \$2,250 made by the Board of Estimate and Apportionment into "Sewers and Drains," for the purpose of building a small sewer in Bronx Park through the grounds of the Zoological Society.



## Contracts Completed During the Year 1898.

LOCATION OF WORK, SEWER, ETC., IN	LINEAR FEET.				LOCATION OF WORK, SEWER, ETC., IN	LINEAR FEET.			
	BRICK SEWER.	PIPE SEWER.	TOTAL, ALL KINDS.	AMOUNT.		BRICK SEWER.	PIPE SEWER.	TOTAL, ALL KINDS.	AMOUNT.
East One Hundred and Ninetieth street (St. James street), between Creston avenue and summit north of Morris avenue.....		535.9	535.9	\$3,124.42	East One Hundred and Fifty-sixth street, between St. Ann's and Cauldwell avenues, with branches, etc.....	1272.37		1272.37	\$8,463.20
Receiving-basin, etc., southeast corner of Webster avenue and East One Hundred and Seventy-eighth street (C. O.).....		12	12	200.00	Perot street, from existing sewer in Boston avenue to Sedgwick avenue, etc.....	1291.	1106.4	2397.4	21,202.28
Mo hola parkway, south, from existing sewer in Webster to Jerome avenue.....	4087.05	66.3	4153.35	37,118.82	Rogers place, from Westchester avenue to East One Hundred and Sixty-fifth street.....		771.43	771.43	4,750.31
Tiffany street, from existing sewer in East One Hundred and Sixty-ninth to East One Hundred and Sixty-seventh street.....		642.72	642.72	3,917.40	East One Hundred and Ninetieth street (St. James street), between Aqueduct avenue and the Old Croton Aqueduct.....		253.9	253.9	2,624.21
East One Hundred and Eightieth street, between Webster and Park avenues (C. O.).....		310.00	310.00	970.00	Furnishing labor and materials for rebuilding seven manholes on Southern Boulevard, between St. Joseph street and Beach avenue (C. O.).....				200.00
East One Hundred and Eightieth street (Samuel street), between Third and Bathgate avenues, etc.....		1084.65	1084.65	7,824.74	Barretto street, from the existing sewer in Intervale avenue to Summit, south of East One Hundred and Sixty-seventh street.....	1392.39		1392.39	7,638.59
Marcher avenue, from Jerome avenue to East One Hundred and Sixty-ninth street, and in East One Hundred and Sixty-eighth street, etc.....	216.6	2952.2	3168.8	24,591.66	Receiving-basin on southeast corner of East One Hundred and Sixty-seventh street and Southern Boulevard (C. O.).....		35.2	35.2	230.00
Topping avenue, from the existing sewer in East One Hundred and Seventy-third street to Belmont avenue.....		407.48	407.48	4,031.76	Cypress avenue (Trinity avenue), between the existing sewer in Southern Boulevard and East One Hundred and Thirty-eighth street, etc.....	1227.75		1227.75	6,579.92
Bainbridge avenue, from existing sewer in East Two Hundredth street to summit south of East One Hundred and Ninety-eighth street.....		1425.00	1425.00	9,242.42	Burnside avenue, from existing sewer in Jerome avenue to Aqueduct avenue.....	1112.	96.9	1208.9	12,415.53
Tiebout avenue, from the existing sewer in East One Hundred and Eighty-fourth street to the summit, south.....		242.4	242.4	2,547.10	Prospect avenue, between East One Hundred and Sixty-ninth and East One Hundred and Sixty-seventh streets, etc.....	302.47	3089.86	3392.33	16,778.73
East One Hundred and Sixty-seventh street, between Intervale and Prospect avenues, and in Hall place, etc.....	1214.27	3912.44	5126.71	41,004.81	East One Hundred and Seventy-eighth street, between Third and Lafontaine avenues.....	918.6	1025.4	1944.	13,836.28
East One Hundred and Seventy-sixth street, between Jerome avenue and the Concourse, etc.....	569.8	3927.8	4497.6	19,636.68	East One Hundred and Sixty-third street, from existing sewer in Sherman to Morris avenue.....	1189.69	1263.77	2453.46	23,827.34
Tearing out and building manhole on Southern Boulevard at St. Joseph's street (C. O.).....				12.00	Bainbridge avenue, from Kingsbridge road to summit north of East One Hundred and Ninety-seventh street, etc.....	631.6	3958.45	4590.05	21,297.54
Receiving-basin, etc., on west side of Union avenue, opposite Ritter place (C. O.).....		13.2	13.2	249.00	Teasdale place, between Cauldwell avenue and a point 100 feet west of Trinity avenue.....		157.4	157.4	1,405.60
Vaentine avenue, from the existing sewer in Burnside avenue to East One Hundred and Eighty-third street.....		1710.4	2455.3	18,579.09	Sedgwick avenue, from Perot street to Giles place, etc.....	3250.8		3250.8	19,805.89
East One Hundred and Seventy-fourth street, between Webster and Park avenues, and in Park avenue, etc.....		1267.3	1267.3	3,729.43	Rebuilding receiving-basins on northeast and southeast corners of One Hundred and Sixty-ninth street and Fulton avenue, etc. (C. O.).....		65.35	65.35	945.00
Cauldwell avenue, from the existing sewer in East One Hundred and Sixty-first to East One Hundred and Fifty-eighth street.....		6.8.55	638.55	4,343.96	Furnishing labor and materials for building sewer, manholes, etc., on Fulton avenue, between Spring place and One Hundred and Sixty-eighth street (C. O.).....				120.00
Rebuilding seven manholes on Woodcrest avenue, between Birch and Union streets (C. O.).....				14.00	East One Hundred and Sixty-fifth street, from Intervale avenue to Prospect avenue.....		755.05	755.05	4,596.82
East One Hundred and Sixty-seventh street, from the existing sewer in Intervale avenue to West Farms road.....	1405.47	1368.12	2773.59	25,229.63	East One Hundred and Eighty-first street, from Jerome avenue to the Concourse.....	548.4	546.4	1094.8	12,494.48
East One Hundred and Thirty-fifth street, from the existing sewer in Railroad avenue east to Exterior street, etc.....	1033.4	1320.2	2353.6	\$12,142.84	Clarke place, Marcy place and Elliott place, from Jerome avenue to the Concourse, etc.....	567.	3640.9	4207.9	20,001.20
East One Hundred and Forty-first street, from the existing sewer in Brook avenue to St. Ann's avenue.....		512.5	512.5	3,703.01	Furnishing labor and materials for rebuilding six manholes on Southern Boulevard, between Crane and Dater streets (C. O.).....				90.00
East One Hundred and Sixty-first street, from the existing sewer in Ogden avenue to Summit avenue.....		1184.2	1184.2	13,823.72	East One Hundred and Forty-first street, from Walnut to Cypress avenue, etc.....	2767.40	4880.25	7647.65	70,611.10
Fordham road (outlet), from the Harlem river to Aqueduct avenue.....	2070.4	114.9	2185.3	26,889.74	West Fifth street, from Second avenue to Bronx terrace, etc.....		1686.78	1686.78	8,736.62
East One Hundred and Thirty-eighth street, from the existing sewer in Railroad avenue east to the Mott Haven Canal.....		282.2	282.2	1,933.25	East One Hundred and Sixty-eighth street (Charles place), from existing sewer in River avenue to the Concourse.....	297.7	909.6	1207.3	13,492.70
East One Hundred and Eighty-first street (Irene place), from the existing sewer in Jerome avenue to Aqueduct avenue, east.....		1112.3	1112.3	7,832.60	East One Hundred and Seventy-sixth street, from West Farms to Boston road.....	642.37	286.9	932.27	13,719.68
Drain connection, between Mosholu parkway and Jerome Park Railroad (C. O.).....		186.5	186.5	793.60	Anthony avenue, from East One Hundred and Seventy-third to East One Hundred and Seventy-sixth street.....		1531.48	1531.48	13,900.01
					Total.....	21610.12	58436.99	80047.11	\$593,368.71

## VI.—Summary of Work done in 1898 (Exclusive of District East of Bronx River).

ITEMS.	TOTAL LENGTH OF SEWERS, ALL KINDS.											LUMBER.			Plans for Sewers, etc., Completed and Preliminary Estimates Made, etc.	Assessment Lists Completed (in Triplicate).
	Linear Feet of Brick Sewer.	Linear Feet of Pipe Sewer.	Feet.	Miles.	Number of Spurs.	Number of Manholes.	Number of Receiving-basins.	Cubic Yards of Rock Excavation.	Cubic Yards of Concrete (Extra).	Cubic Yards of Rubble Masonry in Mortar (Extra).	Cubic Yards of Broken Stone.	Linear Feet of Piles Driven and Cut Off, etc.	Feet (B. M.) for Foundation.	Feet (B. M.) for Sheeting.		
First quarter.....	7,958.62	16,876.49	24,835.11	4.704	5,559	227	42	33,476.1	64.5	555.25	337.	5,393.2	67,231	177,374.	13	14
Second quarter.....	7,228.22	18,525.86	25,754.08	4.877	5,736	248	40	30,945.72	33.23	683.	270.8	7,810.4	27,459	108,630.	3	4
Third quarter .....	8,250.51	15,397.48	23,647.99	4.479	5,151	215	49	31,443.7	123.2	63.3	83.8	.....	494	160,004.7	..	..
Fourth quarter .....	5,544.17	18,345.48	23,889.65	4.525	5,238	231	46	33,787.4	31.	338.4	22.	.....	26,747	137,291.	1	13
Totals .....	28,981.52	69,145.31	98,126.83	18.585	21,684	921	177	129,652.92	254.93	1,639.95	713.6	13,203.6	121,931	583,299.7	17	31

The total length of sewers constructed in the Borough of The Bronx (exclusive of district east of Bronx river) prior to and since annexation (1874) to January 1, 1899, 678,691 95-100 linear feet, 128 54-100 miles.

## Statement of Sewer Construction Work Done at Williamsbridge in 1898—Williamsbridge Sewer System (east of The Bronx River).

PERIODS.	PIPE SEWER.									SPURS.	MANHOLES.	Cubic Yards of Rubble Masonry in Mortar (Extra).	Linear Feet of Pipe Culvert (Drain Pipe).
	24-inch.	18-inch.	15-inch.	12-inch.	10-inch.	8-inch.	6-inch.	Total linear feet.	Total miles.				
First quarter.....		320	213	675	1,237	113	1,550	4,108	.773	301	14	129	15
Second quarter.....				360	838	1,472	635	2,305	.626	252	13	170	84
Third quarter.....	100		520	1,024	275	483	628	3,030	.574	403	22		
Fourth quarter.....	490		1,200		10	832	1,187	3,719	.704	85	10	18	
Total.....	590	320	1,933	2,659	2,360	2,900	4,000	14,162	2.682	1,041	59	317	99

The total length of sewers built in Williamsbridge Sewer System, prior to annexation, June 6, 1895..... 7,774.81 linear feet or 1.473 miles  
" " " since annexation to December 31, 1897..... 21,432.33 " 4.059 "  
" " " during the year 1898..... 14,162.00 " 2.682 "

The total length of sewers built in Williamsbridge Sewer System..... 43,369.14 " 8.214 "



Showing Mileage of Sewers, etc., and Number of Receiving-basins Constructed in the Twenty-third and Twenty-fourth Wards prior to and since Annexation (in 1874) to December 31, 1898.

	MILES OF SEWERS.	NUMBER OF RECEIVING-BASINS.
<i>Twenty-third and Twenty-fourth Wards, Borough of The Bronx (exclusive of Williamsbridge Sewer System).</i>		
Constructed prior to annexation (in 1874), from previous reports .....	3.240	130
Constructed since annexation to January 1, 1891 (Department of Public Parks).....	33.390	567
Constructed from January 1, 1891, to May 1, 1893 (Louis J. Heintz, Commissioner).....	13.958	154
Constructed from May 1, 1893, to December 31, 1897 (Louis F. Haffen, Commissioner).....	59.358	665
Constructed from January 1, 1891, to December 31, 1897 (Department of Street Improvements, Twenty-third and Twenty-fourth Wards).....	73.316	819
Constructed from January 1, 1898, to December 31, 1898 (Department of Sewers, Borough of The Bronx).....	18.585	177
Total constructed in the Twenty-third and Twenty-fourth Wards (exclusive of Williamsbridge system) .....	128.54	1,693
<i>Williamsbridge Sewer System (east of The Bronx River).</i>		
Constructed prior to annexation (June 6, 1895).....	1.473	.....
Constructed since annexation to December 31, 1897 (Department of Street Improvements, Twenty-third and Twenty-fourth Wards).....	4.059	.....
Constructed from January 1, 1898, to December 31, 1898 (Department of Sewers, Borough of The Bronx).....	2.632	.....
Total constructed in Williamsbridge Sewer System.....	8.214	.....

The total length of sewers in the Borough of The Bronx is 136,754 miles, of which 21,000 miles were constructed during the year 1898.

Respectfully submitted,

HENRY H. FARNUM,  
Chief Engineer of Sewers, Borough of The Bronx.

The following is a summary of the work done by the Maintenance Bureau, Department of Sewers, Borough of The Bronx, during the year ending December 31, 1898.

*Sewers and Drains:*

Basins cleaned.....	1,972
Basins examined.....	17
Basins repaired.....	12
Basin heads reset.....	6
Basin inlets cleaned.....	336
Basin traps cleaned.....	17
Basin covers replaced.....	2
Box drains laid, linear feet.....	357
Brook avenue sewer cleaned, cubic feet.....	65,745
Building culvert, linear feet.....	15
Catch-basins built.....	7
Capstone and iron grate set in catch-basin.....	1
Culverts, drains and ditches cleaned and repaired, linear feet.....	74,892
Filling sewer excavation, Whitlock avenue, cubic yards.....	1,125
Filling sewer excavation, One Hundred and Eighty-second street and Webster avenue, cubic feet.....	108
Filling in trench, Forest avenue, cubic feet.....	10,557
Filling in washout, Bronx Park to Webster avenue, linear feet.....	2,550
Loads of dirt removed.....	9,866
Manholes cleaned.....	57
Manhole heads raised.....	69
Manhole heads lowered.....	12
Manhole heads reset.....	2
Manhole covers replaced.....	25
Manholes repaired.....	1
Manholes altered.....	5
Manhole heads and covers reset.....	58
New drains built.....	35
Paving relaid, square yards.....	25
Pipe drain laid, linear feet.....	297
Pumping water from sewer excavation, Forest avenue, days.....	16
Rider avenue sewer cleaned, cubic feet.....	1,296
Road boxes and basins set.....	2
Rebuilding manholes.....	1
Rebuilding stone walls of drains, linear feet.....	790
Raising basins.....	6
Sewers cleaned, linear feet.....	37,019
Sewers examined, linear feet.....	200
Sewers repaired, linear feet.....	19

*Shop Work:*

Necessary repairs have been made to derricks, carriages, tool-boxes, wagons, stable and tools.

*Summary Statement of Permits issued during the Year 1898.*

During the year 1898, there were issued 1,887 permits for various purposes, the amount received for the same aggregating \$18,192.88.

DEPARTMENT OF SEWERS—BOROUGH OF BROOKLYN,  
January 19, 1898.

Hon. JAMES KANE, Commissioner of Sewers:

DEAR SIR—I have the honor to herewith submit the report of the operations of the Department of Sewers, in the Borough of Brooklyn, for the year 1898.

The appropriation for "Sewers, Repairing and Cleaning" was expended as follows:

Appropriation 1898.....	\$75,000 00
Pay-rolls, Laborers, etc.....	\$53,301 16
Materials, etc.....	5,447 22
Work done under orders.....	16,065 54
Balance December 31, 1898.....	186 08
	<u>\$75,000 00</u>

The appropriation for "Thirty-first Ward Sewerage Districts" No. 1 and No. 3 was expended as follows:

Appropriation 1898.....	\$31,500 00
Pay-rolls, Engineers, Fireman, Laborers, etc.....	\$24,717 73
Materials.....	6,789 56
Overdrawn.....	7 29
	<u>\$31,500 00</u>

The appropriation for "Twenty-sixth Ward Disposal Works" was expended as follows:

Appropriation 1898.....	\$12,000 00
Pay-rolls Engineers, Fireman, Laborers, etc.....	\$7,969 79
Materials.....	3,884 10
Balance on December 31, 1898.....	146 11
	<u>\$12,000 00</u>

The amount expended for sewer construction and receiving-basins charged to 1898 Bonded Accounts was ninety-four thousand eight hundred and thirty-nine dollars and seventy-two cents.

\$94,839 72

Payments to contracts for work done during the year.....	\$70,028 35
Payments to contractors of retained percentages.....	5,847 12
Engineering and Inspection.....	18,964 25
	<u>\$94,839 72</u>

The amount paid to contractors chargeable to 1897 Bonded and Appropriation Accounts for construction of sewers and basins is four thousand eight hundred and eighty-two dollars and seventy cents.

\$4,882 70

During the year no new contracts have been entered into which would increase the debt limit of the city.

Five private contracts have been entered into and completed during the year, they having been built pursuant to section 560 of the Charter, all expenses being paid by private parties.

Three private contracts were finished during the year, in which all proceedings were completed during the year 1897.

Two contracts have been entered into upon requisition by the Comptroller to provide receiving-basins in the Wallabout Market.

Five contracts have been entered into chargeable to Appropriation Accounts set aside by the Board of Estimate and Apportionment. They are:

Dredging in Gowanus canal from its head to Union street bridge. (Completed.)

Dredging in New York bay at the foot of Forty-ninth street.

Dredging in Newtown creek at Metropolitan avenue bridge.

Embankment over and around trunk sewer at the foot of Flatbush avenue.

Temporary private sewer for the drainage of the Disciplinary Training School in Eighteenth avenue, from Fifty-seventh to Seventy-fifth street.

The estimated cost of these works is thirteen thousand six hundred and sixty-three dollars and ninety-seven cents (\$13,663.97).

At the beginning of the year thirty-three contracts, in which all work had been completed, or nearly so, but held in the Department under the retained percentage clause of the contracts and specifications, were on file in this Department. Twenty-seven (27) of these have been completed and passed for payment, while six are still held in the Department until minor repairs to pavements over the sewer trenches are made. Such repairs will be made as soon as the frost leaves the ground.

The amount disbursed on account of retained percentages is \$11,944.43, and of this amount \$462.66 was paid as a retained percentage upon the dredging in Gowanus Canal contract, the same having been completed during the year in regard to the retained percentage.

Eighteen (18) contracts have been completed during the year, as far as work is concerned, the retained percentage clause still continuing them as uncompleted contracts.

Ten (10) contracts are in the course of construction as partially completed at this date.

The estimated cost of same being one hundred and thirty-nine thousand seven hundred and eighty-five and 10.100 dollars.

\$139,785 10

The total cost of all contracts which have been completed in regard to work this year, but part of which was performed prior to January 1, 1898, and those now in course of construction, is three hundred thousand seven hundred and ninety-one and 46.100 dollars.

\$300,791 46

The amount disbursed to contractors upon these contracts and those in progress during the year is \$80,758.17, and that for engineering and inspection \$18,964.25; while \$201,069.04 have been paid prior to January 1, 1898, to contractors and for engineering and inspection.

The report of the Chief Engineer shows in detail the location and titles of the contracts, and the tables submitted show items of cost, etc.

The report of the Superintendent of Sewers, herewith attached, gives in detail the work performed in maintaining our sewerage system.

At the beginning of the year, and of this administration, this branch of your Department was shifted from its old quarters in the Municipal Building to the top floor, to rooms formerly occupied as sleeping-rooms by the Department of Police.

The rooms are small, with low ceilings, and not adapted to the proper and systematic administering of the affairs of your Department. The changes to the building not having been performed as anticipated has rendered the labors of my assistants, I might say, more than arduous.

The condition and arrangement of the rooms is unbearable, and I urgently request that provision may be made through the proper authorities to remedy this evil, or that quarters in some private building may be secured for your Department in this borough.

My sincere thanks are extended to the heads of Bureaus, Assistant Engineers, Clerks, Inspectors, and other employees of this office for faithful services and prompt attention to duty during the year.

Respectfully submitted,

(Signed) WM. BRENNAN, Deputy Commissioner of Sewers, Borough of Brooklyn.

DOCUMENT "E."

OFFICE OF CHIEF ENGINEER OF SEWERS—DEPARTMENT OF SEWERS,  
CITY OF NEW YORK—BOROUGH OF BROOKLYN,  
January 17, 1899.

Hon. WILLIAM BRENNAN, Deputy Commissioner of Sewers, Borough of Brooklyn:

DEAR SIR—In response to your request the following report of the operations of this office for the year 1898 is respectfully submitted:

The system of sewers on the 1st day of January is 3,256,033 feet in length, or 616,673 miles. Seven thousand three hundred and ninety (7,390) receiving-basins are connected with this system at this time.

There have been built during the year—

4,246 linear feet of brick sewer in sizes equivalent to circles of 30 inches, 36 inches, 42 inches and 72 inches in diameter.

28,306 linear feet of pipe sewer in sizes equivalent to circles of 12 inches, 15 inches, 18 inches, and 24 inches

32,552 linear feet, equal to 6.166 miles. Of this total 3,184 linear feet has been built by private parties under their own expense, and pursuant to section 560 of the Charter.

In addition to this mileage there has been built as an alteration and improvement 1,400 linear feet of 78-inch sewer. In other words, a 66-inch sewer has been enlarged to the equivalent capacity of a circle 78 inches in diameter. This will be more fully treated of under the heading to follow, entitled "Main Relief Sewers."

In reviewing the work of construction which has been accomplished during the year, the works which have been of special interest and a great benefit to property-holders are—

(1st) The completion of the main relief sewer for the relief of the Bond, Lorraine and Wolcott streets sewer. By the completion of this long-contemplated improvement the citizens who live near this main have been relieved of the constant flooding of their cellars, and the city will be saved the expense of lawsuits for damages in the future. Relief has been obtained by the building of overflows at such points along this main where computation as well as direct evidence has shown that surcharging had begun, viz.: a 60-inch sewer at Butler street overflowing into the head of Gowanus Canal, a 72-inch overflow at the foot of Creamer street, and a 42-inch overflow at the foot of Hicks street.

(2d) The main relief sewer for the relief of the Third and Fourth avenue sewers is well under way, 1,400 feet of 78 inch sewer has been completed, the same having been enlarged from a 66-inch sewer; the inclosing sheet piling has been driven to incase the silt and trap basin at Second avenue and the Gowanus Canal.

(3d) The remaining sewers which have been built have been scattered over the city in single blocks and subdivisions, the more important of these being—

Dwight street, from Columbia to Wolcott street.

Dwight street, from Elizabeth to Columbia street.

Glenmore avenue, from Logan to Market street.

Twenty-ninth Ward Subdivision No. 8; the streets in this subdivision include the following, in addition to those shown in the table, which were built during the year 1897.

East Seventh, East Eighth, East Ninth streets and Coney Island avenue (west side), between Avenues E and D.

(4th) The surface drainage sewers in the Twenty-ninth Ward, as in Avenue A, between Flatbush avenue and East Nineteenth street, and as shown in the table, complete a relief advanced and partially completed in the year 1897.

The streets finished in this section in 1897 and forming a part of the contract are—

Caton avenue, from Flatbush avenue to Parade place.

Irwin place, from Caton avenue to Fort Hamilton avenue.

Fort Hamilton avenue, from Irwin place to Ocean avenue.

Church avenue, from Flatbush to Ocean avenue.

Relief was also afforded in Avenue C, between Flatbush avenue and East Nineteenth street, by the utilization of an old but excellently constructed brick drain, and the construction of 127 feet of 15-inch pipe sewer.

Both of these relief districts discharge into the only surface-water sewer in the town of Flatbush, which is in Flatbush avenue, and which discharges into the head of Paerdegat creek.



## WORKS IN PROGRESS.

The more important of the works in progress are the main relief sewer for the relief of the Third and Fourth avenue sewers already spoken of. That portion along Fourth avenue, from Second place to Seventh street has been completed; there remains to be done the enlarging of the 66-inch sewer to a 78-inch sewer in Seventh street, between Fourth and Third avenues; the building of a 78-inch sewer in Seventh street, from Third avenue to Second avenue to the Gowanus canal, the construction of a silt and trap basin at the canal to intercept all silt and to prevent the escape of noxious gases. A bulkhead built at Third avenue and Seventh street will allow the present sewage proper to continue its natural course, while the storm waters will be interrupted and conveyed to the Gowanus canal.

## Map L, District 24, Subdivision No. 44.

The streets in this subdivision include: Kingston avenue, between Douglass street and across the Eastern parkway.

Degraw street and the Eastern parkway (both sides), between Kingston and Albany avenues. Eastern parkway, between Kingston avenue and the summit of street west of Kingston avenue and Albany avenue, between Eastern parkway and Union street.

That which has been built will be found in Table No. 4.

Map S, District No. 39, Subdivision No. 23, comprising: Elton and Linwood streets, from the summit south of New Lots avenue to the summit north of Sutter avenue.

Essex and Shepherd streets, from New Lots avenue to Sutter avenue. Berriman street, from New Lots avenue to Blake avenue.

Montauk and Logan streets, from New Lots avenue to summit north of Blake avenue. Atkins avenue, from Blake avenue to summit north.

Sutter avenue, from Elton street to Shepherd avenue. Blake avenue, from Elton street to Logan street, and in Montauk street.

Atkins avenue, from Berriman street, Cleveland and Ashford streets, from New Lots avenue to summit south.

This work has just been begun in construction. Map S, District No. 39, Subdivision No. 26, includes: Douglass street (both sides), from Rochester avenue to Ralph avenue.

Degraw street, from Rochester avenue to Ralph avenue. Eastern parkway (both sides), from Utica avenue to East New York avenue.

Rochester avenue, from Eastern parkway to Douglass street. Buffalo avenue, from Eastern parkway to Park place.

Ralph avenue, from Eastern parkway to St. Marks avenue. Park place, from Buffalo avenue to Ralph avenue.

The lengths of these sewers in this subdivision which have been built are shown in table No. 4.

The temporary private sewer for the drainage of the Disciplinary Training School is about one-fifth completed. This sewer extends in Eighteenth avenue, from Fifty-seventh to Seventy-fifth street.

Dredging in New York Bay, at the foot of Forty-ninth street, has just commenced.

Dredging in Newtown creek, at Metropolitan avenue bridge, and the building of embankment over sewer at the foot of Flatbush avenue will be begun shortly.

The receiving-basins in the Wallabout Market building, under the Comptroller's requisition, are progressing.

The estimated cost of these works is one hundred and thirty-nine thousand seven hundred and eighty-five dollars and ten cents (\$139,785.10).

You will find in detail in the tables herewith submitted the items of cost for each contract.

Table No. 1—Will show the contracts entered into during the year, the majority authorized by the Board of Estimate and Apportionment, two by requisition from the Comptroller, and others by private contract, amounting in all to \$13,663.97.

No obligation has been entered into affecting the debt limit of the city.

Table No. 2—Will show the contracts completed, all work having been performed previous to this year but the contract still in force for the payment of the retained percentage.

Table No. 3—Refers to contracts which have been completed and payment made upon acceptance of the work, but still held in the Department as uncompleted contracts until final percentage is made.

Table No. 4—Works partially completed.

Table No. 5—Recapitulation in feet and miles of sizes and lengths of sewers built during the year.

Table No. 6—The total mileage in each size of sewer in the streets of the Borough of Brooklyn. Table No. 7—The connections made with the sewerage system.

You will notice in Table No. 3 the contract entitled "Main Relief Sewer Extension, Greene Avenue, Marcy Avenue and other streets," the cost of which has been \$181,850.15 to date. There is an outstanding liability of \$55,573.52 for work performed, but estimates are held subject to the order of the Corporation Counsel, the contract being in litigation.

In Table No. 4 the relief sewer for the relief of the Reid and Stuyvesant avenue sewers needs the Comptroller's certification, the same being withheld as the balance in the Main Sewer Relief and Extension Fund is only \$11,496.43, the estimated cost of contract being \$20,000.

## WORKS CONTEMPLATED.

First—The main sewer in Huron street, from the East river to Provost street, to Greenpoint avenue, to Jewell, to Norman avenue, etc., has been advanced:

(1st) By the opening of Provost street, commissioners for which are about to be appointed. (2d) Upon recommendation from this Department, the Local Board of Improvements have passed favorably upon the construction of said sewer, and like action is now hoped for the successful progress up to and through the Municipal Assembly.

This work I consider of the utmost importance from a sanitary point of view, as cellars are constantly flooded during each heavy rainstorm; it will remove the discharge of sewage matter from Newtown creek, now contrary to law, and convey sewage to the East river.

The estimated cost of this improvement is \$175,000.

Second—The Morgan Avenue main: Opening proceedings have been recommended to the Local Improvement Board for the opening of Morgan avenue, from Stagg street to Benton street; if the action is favorable and continues favorable through to the Municipal Assembly a main sewer should be built in this street, from Johnson avenue to Benton street. This will also remove sewage discharge from Newtown creek. Both this and the Huron street mains were designed for this purpose, they being through streets which are better adapted for efficiently and economically draining the territory in question.

Third—The North Fifteenth street main: Beginning at Quay street and the East river and to extend through North Fifteenth street to Van Pelt avenue to Driggs avenue should be constructed immediately. Old Bushwick creek, which formerly extended as far back as Van Pelt avenue and Leonard street, has been filled in, and the two outlets of sewers formerly discharging into said creek have been temporarily carried over to the North Twelfth street sewer. The North Twelfth street sewer will not care for this extra drainage.

The creek is still being filled in and other and larger mains will then be obstructed, causing damage to property-owners, which has been temporarily averted in the two cases mentioned above. Estimated cost, \$60,000.

Fourth—Main Relief Sewer—In order to relieve the people who have long suffered damage from the surcharging of the Knickerbocker main sewer, recommendation is here made to extend the Green avenue sewer across Broadway and through Bushwick avenue to about Central avenue and Halsey street. Estimated cost, \$108,000.

Contract has been let to build the Reid and Stuyvesant avenue relief sewers relieving the De Kalb avenue and Knickerbocker main of some 120 acres of drainage. This contract lacks the Comptroller's certification for reasons heretofore stated. Estimated cost, \$20,000.

The construction of these relief sewers will complete the relief sewers advocated for this borough and place the Borough upon a basis of a two-inch rainfall throughout.

Fifth—The main sewers in Map U and V should be constructed as soon as possible; these maps cover almost all of the Bay Ridge district and at least 30,000 people are begging for sewerage and drainage. Estimated cost, \$183,000.

Sixth—Main sewers should be constructed in Map T to care for the drainage of Blythebourne, Borough Park, and to change the system of Flatbush from a house sewerage plan to the combined system. For this purpose and for mains in Map W through Ninety-second street, from the Narrows to Twelfth avenue, \$2,000,000 should be provided.

Seventh—For lateral sewers in all the wards of the city, \$300,000.

## NEW WORK SUMMARIZED.

## ACCOUNT STREET IMPROVEMENT FUND.

## Sewer Assessment.

Huron street Main	\$175,000 00
Morgan avenue main	95,000 00
North Fifteenth street main	70,000 00
Mains, sewer, Map U and V	183,000 00
Mains, sewers, Twenty-ninth, Thirtieth, Thirty-first Wards	2,000,000 00
Lateral sewers all wards	300,000 00
	<b>\$2,823,000 00</b>

## MAIN SEWER RELIEF AND EXTENSION FUND.

Main relief sewer extension	\$108,000 00
Reid and Stuyvesant avenue relief sewers	20,000 00
	<b>\$128,000 00</b>

It has been noted from the press, that in a letter written by the Comptroller, that the sale of bonds for improvement purposes should precede any action taken by the Improvement Boards and the Municipal Assembly, in order that works of great importance should be provided for to the preferment of minor improvements. I believe there is no public improvement that can be built which will enhance the value of real estate more than the building of sewers. The rule should be: First, sewers; then water.

Recommendation is therefore made that the Commissioner of Sewers may be requested to apply for the sale of bonds in the amounts above stated for sewer construction in the borough.

## SEWERS REPAIRING AND CLEANING.

The affairs under the jurisdiction of Superintendent of Sewers Mr. Matthew J. Kennedy and Assistant Superintendent of Sewers Mr. Thomas J. McGee have been ably conducted during the past year. I submit herewith in the sequel Mr. Kennedy's tabulated report of the work performed in maintaining the sewers in this borough.

At the beginning of the year 1898 the Department was confronted with 3,200 complaints of citizens relative to overflowing and choked receiving-basins; at the beginning of this year not a single complaint is filed in this office.

Six thousand five hundred and sixteen (6,516) receiving-basins have been most thoroughly cleaned, while one hundred and twenty-six thousand five hundred and fifty (126,550) linear feet of pipe sewers and five thousand three hundred (5,300) feet of brick sewers have been cleaned.

In former years the collections for sewer connections were credited to this fund. This year they have been, in accordance with the law, returned to the City Chamberlain to the credit of the Sinking Fund. Below is a tabulated statement for the years 1892 to 1898, inclusive, showing the expenditures for each year for supplies and repairing and cleaning the sewers in this borough.

	Expended.
1892	\$127,018 39
1893	88,201 21
1894	74,140 68
1895	100,847 07
1896	90,073 47
1897	122,583 51
1898	74,795 92

The mileage of sewers has been increased from the beginning of the year 1892 by 209 linear miles. I have reason to believe that the condition of the system has been cared for to the full extent and value of the appropriation allowed this borough for the year, viz., \$75,000.

One hundred thousand dollars (\$100,000) has been allowed for this account for the year 1899. This will enable the Department to place the system at the end of the year 1899 even above the standard of the lack of complaints from citizens. I believe that even more money should be allowed for this purpose, in order that the system may be maintained to compare with the cleanliness demanded by the people for the condition of the streets. It would certainly prove to the sanitary benefit of the community.

In addition to that which has been written under the last heading (a brief statement of the work performed), the writer of this report deems it not out of place here to say a few words in reference to his analysis of the former methods of cleaning sewers, etc., in this borough, as compared with that of the year just past.

You are aware that in previous years the engineers engaged upon sewer construction were not in any manner connected with the Bureau of Maintenance.

Upon the first day of July, 1898, you gave me the authority to work, in conjunction with your Superintendent of Sewers, in establishing a systematic conduction of business in this branch of your Department entirely different from that which had been followed in former years. Complete alphabetical and numerical filing of the signed daily reports of the Inspectors of Sewers and Basins has enabled the writer to procure information relative to the necessities of this branch of your Department, and also to compare these necessities with the work performed in previous years.

Although the writer does not believe in comparison, as such is usually placed in the category of egotism, he believes that, as several articles in the press have perhaps pointed the hand of criticism to this branch of your Department in the workings of the same during the past year, that that which follows will be pertinent.

The tables which will follow are arranged in a manner of one whose training has necessarily been in reasoning from cause to effect. The data is taken from the official records of this Department. Items of work performed in one year and paid for in the next will be treated in the latter year, in order that the expenditures of the year may be balanced.

They can readily be separated to show the work performed for each year.

I have given before the expenditure for the years 1892 to 1898, inclusive.

Let me divide them into items of repairing and cleaning:

	REPAIRING AND SUPPLIES.	CLEANING.	TOTAL.
1892	\$60,990 12	\$66,028 97	\$127,018 39
1893	51,991 81	36,209 40	88,201 21
1894	43,678 43	30,462 25	74,140 68
1895	66,530 69	34,316 38	100,847 07
1896	62,974 82	27,098 65	90,073 47
1897	72,758 78	49,824 73	122,583 51
1898	* 41,466 74	33,329 20	74,795 94

\* \$1,393.53 of this amount was used for the maintenance of the Twenty-sixth Ward Sewerage Disposal Works, for the first seven months of the year, no appropriation having been allowed for that purpose until the lapse of above time. This also includes items of cost for cleaning sewers, which cannot be accurately separated from the pay-rolls.

Taking the "cleaning" column in above table, I will now set aside the items and the cost of same which will clearly show the methods of balancing bids in contract work, etc.

## Year 1893.

243,360 linear feet pipe sewer, at \$0.015	\$3,650 40
25,300 linear feet brick sewer, at \$0.20	5,060 00
	<b>\$8,710 40</b>
9,591 basins cleaned, at \$2	19,182 00
Dumping and scowing	\$5,750 00
Building derrick	155 00
Horse keep	30 00
Rubber boots	54 00
Horse keep	30 00
Pay-rolls	2,298 00
	<b>8,317 00</b>
Total	<b>\$36,209 40</b>

## Year 1894.

Work done in 1893—	
15,550 linear feet pipe sewer, at \$0.015	\$233 25
2,928 linear feet brick sewer, at \$0.20	585 60
1,056 basins cleaned, at \$2	2,112 00
	<b>\$2,930 85</b>
352,750 linear feet 12-inch to 36-inch pipe sewer, at \$0.01	3,527 50
79,950 linear feet brick sewer—	
18,000 linear feet 42-inch to 54-inch, at \$0.12	\$2,160 00
25,050 linear feet 60-inch to 84-inch, at \$0.135	3,381 75
32,900 linear feet 90-inch to 120-inch, at \$0.15	4,935 00
	<b>10,476 75</b>
12,883 basins cleaned, at \$1.05	13,527 15
Total	<b>\$30,462 25</b>



## Year 1895.

Work done in 1894—		
40,550 linear feet 12-inch to 36-inch pipe sewer, at \$0.01.....	\$405 50	
4,075 linear feet brick sewer:		
2,675 linear feet 72-inch to 84-inch, at \$0.135.....	\$361 13	
1,400 linear feet 90-inch to 108-inch, at \$0.15.....	210 00	
	571 13	
726 basins cleaned, at \$1.05.....	762 30	
	\$1,738 93	
463,450 linear feet 12-inch to 36-inch pipe sewer, at \$0.011.....	5,097 95	
92,500 linear feet 42-inch to 144-inch brick sewer, at \$0.125.....	11,562 50	
14,470 basins cleaned, at \$1.10.....	15,917 00	
Total.....	\$34,316 38	

## Year 1896.

Work done in 1895—		
100,025 linear feet 12-inch to 36-inch pipe sewer, at \$0.011.....	\$1,100 28	
23,910 linear feet 42-inch to 108-inch brick sewer, at \$0.125.....	2,988 75	
1,715 basins cleaned, at \$1.10.....	1,886 50	
	\$5,975 53	
425,690 linear feet 12-inch to 36-inch pipe sewer, at \$0.0025.....	1,064 22	
19,050 linear feet 12-inch to 36-inch pipe sewer, at \$0.011.....	209 55	
159,150 linear feet brick sewer—		
18,150 linear feet 36-inch to 42-inch, at \$0.005.....	\$90 75	
54,950 linear feet 48-inch to 66-inch, at \$0.02.....	1,099 00	
37,750 linear feet 72-inch to 78-inch, at \$0.04.....	1,510 00	
20,300 linear feet 84-inch to 90-inch, at \$0.06.....	1,218 00	
23,800 linear feet 102-inch to 132-inch, at \$0.08.....	1,904 00	
4,200 linear feet 144-inch, at \$0.10.....	420 00	
	6,241 75	
13,092 basins cleaned, at \$1.....	13,092 00	
310 basins cleaned, at \$1.10.....	341 00	
Cleaning snow from basins and gutters.....	174 60	
Total.....	\$27,098 65	

## Year 1897.

Work done in 1896—		
2,000 linear feet 12-inch to 30-inch pipe sewer, at \$0.0025.....	\$7 25	
828 basins cleaned, at \$1.....	828 00	
	\$835 25	
1,701,035—		
1,084,635 linear feet 12-inch to 30-inch pipe sewer, at \$0.02.....	\$21,692 70	
616,400 linear feet 12-inch to 30-inch pipe sewer, at \$0.025.....	15,410 00	
	37,102 70	
109,208 linear feet brick sewer—		
61,188 linear feet 36-inch, 48-inch, 60-inch, 72-inch, 84-inch, 90-inch, at \$0.01.....	\$611 88	
10,850 linear feet 42-inch, 54-inch, 66-inch, 120-inch, at \$0.0025.....	27 13	
19,300 linear feet 102-inch, 108-inch, 144-inch, at \$0.10.....	1,930 00	
6,300 linear feet 90-inch, at \$0.05.....	315 00	
11,570 linear feet 42-inch, 54-inch, 78-inch, 90-inch, at $\frac{1}{8}$ cent.....	7 22	
	2,891 23	
3,166 basins cleaned, at \$0.15.....	474 90	
3,359 basins cleaned, at \$0.45.....	1,511 55	
Cleaning snow from basins and gutters.....	6,996 20	
Supplies.....	12 90	
Total.....	\$49,824 73	

Let us examine into these tables carefully, and summarize generally the work performed in each year, and the cost of same, especial attention being paid to that which we find in the year 1897, where we find an example of balancing bids carried to an extreme.

WORK PERFORMED IN—	PIPE SEWERS CLEANED.	COST.	BRICK SEWERS CLEANED.	COST.	BASINS CLEANED.	COST.
1893.....	Feet. 258,910	\$3,883 65	Feet. 28,228	\$5,645 60	10,647	\$21,794 00
1894.....	393,300	3,933 00	80,025	11,047 88	13,609	14,289 45
1895.....	563,475	6,198 23	116,410	14,551 25	16,185	17,803 50
1896.....	447,640	1,281 02	159,150	6,241 75	14,230	14,261 00
1897.....	1,701,035	37,102 70	109,208	2,891 23	6,525	1,986 45

The Department's approximate estimate for cleaning in the year 1897 was 350,000 feet of pipe sewers, 215,000 feet of brick sewers and 12,000 basins.

We find by the preceding table that nearly five times the amount called for for pipe-sewer cleaning was accomplished, that one-half of the estimated length of brick sewers and basins was cleaned. The prices bid for the last two items were exceedingly low, the total cost of which was only \$4,877.68; that paid for the pipe sewers, \$37,102.70.

From May 19 to October 31, 1897, less than one-half of the year, 1,084,635 linear feet of pipe sewers, 27,220 linear feet of brick sewers and 3,166 basins were recorded cleaned.

From the 1st day of August to the 31st day of October, 1897, only 1,192 basins were cleaned, nothing whatever having been performed during the last two months of the year.

These figures balance exactly those shown in the "Eagle" and "Citizen" of May 31, 1898, where the Comptroller's experts have clearly shown that of which I speak.

The above items of work performed include the lengths of 122,600 feet of pipe sewers, 1,850 feet of brick sewers and 22 basins, amounting in all to \$2,473.80, not treated in the summation of the Comptroller's experts, as at that time these bills had not been paid by the Comptroller, although passed for payment and entered in the records of the old Department of City Works in the year 1897.

By subtracting the amounts last shown, they should agree with the experts' report.

The greatest length of pipe sewers cleaned prior to the year 1897 was 563,475, during the year 1895. Does the increasing of the system by 98,218 linear feet in 1896 warrant the cleaning of 1,701,035 linear feet in 1897, an increase in cleaning, in feet, of 1,137,560?

The greatest length in linear feet of pipe sewers in the Borough of Manhattan, which has been cleaned and relieved in one year is 180,090; that of brick sewers, 259,094; that of basins cleaned, 7,383; the mileage, I believe, is about 242 of pipe sewers and 242 of brick sewers, with about 5,744 basins.

The mileage of this borough is about 510 of pipe sewers and about 106 of brick, with 7,400 street basins.

It is clearly shown that if it was necessary to perform all of the work as hereinbefore set forth, that the balanced bids for the preferment of cleaning pipe sewers would allow the bidding of 15 cents for the cleaning of each basin.

Balanced bids should be looked upon always with suspicion. They are never made for any just purpose, and, I believe, the Court of Appeals has ruled that they must be thrown out when bids are opened.

That which has been spoken of in the public press most frequently has been the claim that an excessive charge of \$4.75 has been allowed for each basin cleaned.

It is a fact that upon the 1st day of January, 1898, 3,200 complaints of basins filled and overflowing were filed in this Department.

It is a fact that 3,225 basins were cleaned by contractor Cunningham and 95 by contractors Haley & Keegan from the 1st day of January, 1898, until the 1st day of July, 1898, a total of 3,320 basins, at \$4.75 a basin.

There has been cleaned by the Department by days' labor since that date 3,060, while 136 were cleaned in the same manner prior to July 1, 1898, giving a total of 6,516 basins cleaned for the year 1898. In the year 1897, 6,525 basins are recorded as having been cleaned, while upon the first day of January, 1898, 3,200 complaints were filed in this Department of basins filled and overflowing; in the year 1898, 6,516 were cleaned, 8 basins less than the year preceding, and not one complaint from a citizen in the Department, yet it is reported that there are 1,329 basins containing more than 20 inches of deposit, which the cleaning forces have been unable to attend to. How can this be accounted for? Would the prices bid of 15 and 45 cents, and for which a total compensation was received for the cleaning of 6,525 of only \$1,986.45, explain the matter?

Is this price of \$4.75 excessive when basins filled with deposit are dealt with alone, no sewer cleaning entering into the question?

As near as it can be ascertained, the basins cleaned by days' labor have cost \$5.84 per basin. Allowing, if you please, 15 per cent. reduction for the supposed loss of work performed in this manner as compared with contract work, it would reduce the price to \$4.96 per basin; an allowance of 20 per cent. would reduce the price to \$4.67 per basin, with no allowance for profit to the contractor.

It must be borne in mind that I am speaking of basins now which are half full and overflowing with deposit. Such only have been cleaned by the laboring forces of this Department, and such, I am informed, were the conditions of those cleaned by the contractors during the first six months of the year. The condition of the basins needing cleaning after July 1, 1898, certainly bears this out.

Let me estimate the cost of cleaning a basin half full and filled. Taking into consideration the physical capabilities of man and horse.

## Cleaning a Basin (half filled) by a Two-horse Truck.

The work-horse who will average  $2\frac{1}{2}$  miles per hour for ten hours' work, or 25 miles per day, taking into consideration the lost time in loading and unloading, is certainly a fair horse.

For a haul of six miles, three going and three in return, this is a fair average to and from the dumps of Brooklyn, considering the entire borough.

On this basis we find a horse can make four trips per day, 6)25(4.

A basin contains  $\frac{1}{2}$  a cubic yard per foot in depth, or  $1\frac{1}{2}$  cubic yards when the basin is about half filled; a truck completely loaded and piled up will contain  $1\frac{1}{2}$  cubic yards, or

1 truck for 4 basins, per diem.....	\$5 00
4 laborers, \$2.....	8 00
$\frac{1}{8}$ of foreman's time, at \$4.....	50

4)13.50

3.37

plus 10 per cent. profit.....

34

3.71

Giving \$3.71 for a basin half filled.

A basin filled would certainly cost twice this amount, or \$7.42 to clean and an average of

\$5.51.....

7.42

3.71

2)11.13

5.51

—for basins between the limits of half full and filled, the complained-of condition of 3,200 basins at the beginning of the year 1898.

Now, about the bids of former years of \$2, \$1.10, \$1.05 and \$1.

Prior to March 15, 1893, the cleaning of sewers and basins in the old City of Brooklyn was performed by days' labor, and in such manner the records show the work was done extending back for years. I found this to be the case as far back as 1884. The number of basins cleaned from 1887 to 1891, inclusive, averaged 6,850 per annum, while in the year 1892 the annual report of the City Works Department lists 11,606. This would indicate that basins were cleaned as need for such had shown, while in 1892 a more thorough cleaning was enforced.

You will see from a former table that since the year 1893 all of the basins in the city were cleaned twice each year. A contractor might clean at these prices, in conjunction with the cleaning of sewers, cleaning all the basins in the borough, some with little or no deposit, and receiving full pay for same, the profits gained thereby more than offsetting the loss due to those of our basins which were deep in deposit. They cannot be cleaned at these prices when full or half full.

From a purely economical point of view, not considering the sanitary benefit to the community, it is not necessary to clean all the basins twice in one year. The cleaning of 8,000 basins per annum would result in keeping the system in effective service, that is, keeping the deposit in the basin below the elevation of the trap-stone.

For sanitary reasons, however, 15,000 basins per annum should be cleaned in removing any deposit they may contain.

You are aware of the clause in the new specifications for cleaning basins which provides for the payment to contractors only the value of their work performed upon their price bid. This should result in economy to the city in the needless cleaning of basins with slight deposits.

The separation of the basin cleaning from that of sewer cleaning will prohibit the balancing of bids upon contracts of this class in the future.

I contend that the appropriation of Sewer Repairing and Cleaning has been most economically expended during the year.

## TWENTY-SIXTH WARD DISPOSAL WORKS.

No money having been appropriated for the maintenance of these works, during the first seven months of the year the plant was not in active operation, the machinery being turned over occasionally to keep it in good condition.

When funds became available, during August, September, October, November and December, the plant was worked continuously for 16 hours each day, the fund of \$12,000 allowed not being sufficient to operate the plant the full 24 hours of each day.

The works are in most excellent condition, and during the year will be set in full operation. Fifty-one million gallons of sewage have been purified each month for the past five months, and during this time 28,030 cubic feet of sludge per month has been removed to the spoil-tanks.

## THIRTY-FIRST WARD DISPOSAL WORKS.

The Thirty-first Ward Sewage Disposal Works, situate at Coney Island and Sheepshead Bay, have been worked continuously during the year.

The following table will show the work performed:

	STATION No. 2, CONEY ISLAND.	STATION No. 3, CONEY ISLAND.	STATION No. 4, CONEY ISLAND.
Sewage treated and pumped (per month) gallons.....	38 million.	12½ million.	73½ million.
Sludge removed per month.....	937 cubic feet.	855 cubic feet.	563 cubic feet.

The plants are in a better condition than they have been for years, yet more improvements will have to be made during the coming year.

At Station No. 2 Engine No. 2 has been overhauled, while at all the stations revolution counters have been put in place, well-gauges installed, etc.

Monthly reports are exacted from each station, and in such form that the plants are now being run systematically and economically.

During the year I expect the discipline to be enforced will put the plants upon a basis to compare with any well-regulated pumping works.

## IN THE ASSESSMENT DIVISION OF THIS DEPARTMENT.

Twenty-seven assessment lists and maps have been prepared, showing 2,050 separate parcels of land. These lists have been made in triplicate.

Much of this work had been prepared previous to consolidation, and became worthless, as areas were assessed in Brooklyn, and not by the frontage of property, which is in vogue in the greater city.

Wall-maps of sewers have been prepared in the Twenty-sixth, Twenty-ninth, Thirtieth and Thirty-first Wards of the borough.

In connection with private sewers, maps, bonds, etc., have been prepared in five cases.

The location of all sewer connections upon sewers built during the year have been plotted in the books of the Permit Bureau.

The instalment of the Eighth and Twenty-sixth Wards sewers for the year 1898 is now in course of preparation, as per an opinion recently received from the Corporation Counsel.

Only three assessment lists remain in this office to complete the work to date; they will be forwarded before the lapse of a month to the Board of Assessors.

The Engineers and their Assistants, besides the work performed in the field, have prepared plans for the drainage of 16,000 acres of land in the Twenty-ninth, Thirtieth, Thirty-first and Thirty-second Wards of the borough. These plans are now before the Board of Public Improvements for adoption as to filing.

Numerous drawings and blue prints have been made in connection with keeping complete the records of the work constructed during the year, and also for that which is contemplated.

In addition to the tables herewith submitted, showing linear feet of sewer constructed, there has been used upon new work:

	Feet B. M.
Foundation planking.....	182,400
Sheeting.....	135,100
Sheet-piling.....	43,000
Pile-capping.....	19,356
Piles driven.....	3,934



DATE OF CONTRACT.	LOCATION OF WORK.	PIPE SEWERS.				BRICK SEWERS.				BASINS.	MAN-HOLES.	CUBIC YARDS.	TOTAL COST.
		12-inch.	15-inch.	18-inch.	24-inch.	30-inch.	36-inch.	42-inch.	72-inch.				
	<i>Map "J," District 22.</i>												
Sept. 1, 1897	Dwight street, between Wolcott and Columbia streets.....	93	60	....	119	....	523	246	....	16	7	....	\$7,280 54
" 1, "	Dwight street, between Wolcott and Elizabeth streets .....	....	60	....	....	764	....	....	....	13	7	....	5,217 25



DATE OF CONTRACT.	LOCATION OF WORK.	PIPE SEWERS.				BRICK SEWERS.				BASINS.	MAN-HOLES.	CUBIC YARDS.	TOTAL COST.
		12-inch.	15-inch.	18-inch.	24-inch.	30-inch.	36-inch.	42-inch.	72-inch.				
	<i>Map "L," District 24.</i>												
Aug. 30, "	Park place, between Albany and Troy avenues.....	700	43	....	....	....	....	....	....	1	8	....	\$911 44
Dec. 27, "	Rogers avenue, between Park place and Butler street.....	297	....	....	....	....	....	....	....	....	3	....	
	<i>Map "O," District 37.</i>												
Nov. 26, "	Himrod street, between Irving and Wyckoff avenues.....	687	....	....	....	....	....	....	....	....	6	....	973 40
Sept. 1, "	Hamburg avenue, between Cornelia and Cooper streets.....	....	....	....	....	....	....	....	....	7	....	....	5,175 96
Dec. 28, "	Prospect place, between Buffalo and Ralph avenues.....	791	....	....	....	....	....	....	....	....	8	....	
	<i>Map "S," District 39, Subdivision.</i>												
Sept. 28, 1896	Glenmore avenue, between Logan and Market streets (now Euclid) ....	538	218	509	....	....	....	....	....	8	12	....	3,231 00
	<i>Map "T," District 40.</i>												
Dec. 27, 1897	Sixtieth street, between Third and Fourth avenues.....	718	....	....	....	....	....	....	....	....	7	....	
	<i>Map "I," District 21.</i>												
June 30, "	Nassau avenue and Berry street, between North Fifteenth and North } Twelfth streets..... }	....	....	....	....	848	....	....	....	....	6	....	4,992 72
	<i>Twenty-ninth Ward, District 1, Subdivision 8.</i>												
Mar. 31, "	Coney Island avenue (west side), between Avenue B and Avenue D...	865	882	....	....	....	....	....	....	....	16	....	23,178 51
	Coney Island avenue (east side), between Avenue B and Avenue E....	1,655	976	....	....	....	....	....	....	....	24	....	
	East Ninth street, between Avenue B and Avenue D.....	861	878	....	....	....	....	....	....	....	16	....	
	East Eighth street, between Avenue B and Avenue D.....	862	879	....	....	....	....	....	....	....	16	....	
	East Seventh street, between Avenue B and Avenue D.....	860	882	....	....	....	....	....	....	....	16	....	
	Ocean Parkway (East Traffic road), between Avenue B and Avenue E....	862	1,745	....	....	....	....	....	....	....	23	....	
	Avenue D, between Ocean Parkway and Coney Island avenue.....	396	....	....	....	....	....	....	....	....	7	....	
	Avenue C, between Ocean Parkway and Coney Island avenue.....	1,022	....	....	....	....	....	....	....	....	12	....	
	<i>Twenty-ninth Ward, District 1, Surface Drainage.</i>												
Dec. 20, "	Avenue C, between East Nineteenth street and Flatbush avenue.....	....	127	....	....	....	....	....	....	8	6	....	1,736 29
May 27, "	Avenue A, between Flatbush avenue and East Nineteenth street ....	358	638	....	....	....	....	....	....	2	10	....	12,944 93
	Avenue D, between Flatbush and Ocean avenues.....	....	....	634	....	....	....	....	....	5	6	....	
	Irving place, between Fort Hamilton and Caton avenues.....	....	....	....	....	....	....	....	....	9	....	....	
	Fort Hamilton, corner of Ocean avenue .....	....	....	....	....	....	....	....	....	2	....	....	
	<i>Main Relief Sewer for the Relief of Bond and Lorraine Streets.</i>												
Oct. 19, "	Hicks street, between Lorraine street and Hicks Street Slip.....	....	....	....	....	....	....	1,057	....	....	7	1,800	28,729 32
	Smith street, between Lorraine and Creamer streets.....	....	....	....	....	....	....	....	272	2	2	....	
	Creamer street, between Smith street and Gowanus Channel.....	....	....	....	....	....	....	....	196	....	2	....	
	<i>Main Relief Sewer Extension, Section 1.</i>												
July 10, 1894	Greene avenue, Marcy avenue and in other streets.....	....	....	....	....	....	....	....	....	....	....	....	181,845 10
June 14, 1898	Wallabout Market receiving-basins.....	....	....	....	....	....	....	....	....	6	....	....	
Aug. 9, 1898	Dredging Gowanus Canal, from Head to Union Street Bridge .....	....	....	....	....	....	....	....	....	....	....	9,715	
May 9, 1896	Pumping plant, Twenty-sixth Ward Purification Building.....	....	....	....	....	....	....	....	....	....	....	....	24,275 00
		11,545	7,388	1,143	119	1,612	523	1,393	468	79	227	....	\$300,791 46

TABLE NO. 4.  
Built by Private Contract.

DATE OF CONTRACT.	LOCATION OF WORK.	PIPE SEWERS.				Manholes.
		12-inch.	15-inch.	18-inch.	24-inch.	
1898.						
June 28	Map "L," District 21, Newton street, between Graham and Engert avenues.....	452	..	..	..	5
April 6	Map "K," District 23, Eastern parkway (South Traffic road), between Classon avenue and 55 feet east.....	72	..	..	..	1
Jan. 3	Map "L," District 24, Hampton Court, between Park place and Butler street.....	297	..	..	..	4
June 6	Map "L," District 24, President street (north and south sides), between Brooklyn and Kingston avenues.....	957	..	..	..	11
Mar. 11	Map "O," District 37, Humboldt street, between Bayard street and Engert avenues.....	298	..	..	..	3
" 24	Map "S," District 39, Enfield street, between Liberty and Glenmore avenues.....	523	..	..	..	6
1897.						
Dec. 2	Twenty-ninth Ward, District 1, East Twenty-first street, between Avenue E and summit south.....	418	..	..	..	4
" 3	Twenty-ninth Ward, District 1, Maple street, between Flatbush and Rogers avenues.....	119	48	..	..	16
Total.....		3,136	48	..	..	50

TABLE NO. 5.  
Contracts in Progress.

DATE.	LOCATION OF WORK.	PIPE.				BRICK.		Basins.	Manholes.	ESTIMATED TOTAL COST.
		12-inch.	15-inch.	18-inch.	24-inch.	30-inch.	66-inch into 78-inch.			
1897.										
Dec. 30	Map "L," District 24, Subdivision 44: Kingston avenue, between Douglass street and Eastern parkway..... Eastern parkway (north side), between Albany avenue and summit west of Kingston avenue.....	750	50	..	260	290	....	..	5	\$6,900 00
								..	7	.....

DATE.	LOCATION OF WORK.	PIPE.				BRICK.		Basins.	Manholes.	ESTIMATED TOTAL COST.
		12-inch.	15-inch.	18-inch.	24-inch.	30-inch.	66-inch into 78-inch.			
Nov. 1	Map "S," District 39, subdivision No. 23.....	....	..	..	..	..	....	..	..	20,200 00
<i>Subdivision 26:</i>										
Oct. 30	Ralph avenue, between Eastern parkway and St. Mark's place..... Park place, between Ralph and Buffalo avenues.....	307	325	600	535	..	....	..	14	20,700 00
		700	..	..	..	..	....	..	7	.....
<i>Main Relief:</i>										
Nov. 1	Sewer for the relief of the Third and Fourth avenues sewers..... Fourth avenue, between Second and Seventh streets.....	....	..	..	..	..	....	..	..	60,000 00
		....	..	..	..	..	1,300	..	7	.....
<i>Main Relief Sewer:</i>										
Dec. 23	Extension in Reid and Stuyvesant avenues and in other streets.....	....	..	..	..	..	....	..	..	20,000 00
<i>Temporary Sewer for Disciplinary Training School:</i>										
1898.										
Dec. 12	Eighteenth avenue, between Seventieth and Seventy-fifth streets.....	1,400	..	..	..	..	....	..	9	4,556 50
Dec. 12	Wallabout Market receiving-basins.....	....	..	..	..	..	....	..	..	623 00
" 22	Dredging New York bay, at foot Forty-ninth street.....	....	..	..	..	..	....	..	..	1,610 00
" 29	Dredging Newtown creek at Metropolitan Avenue Bridge.....	....	..	..	..	..	....	..	..	777 60
" 30	Embankment at the foot of Flatbush avenue to Mill creek.....	....	..	..	..	..	....	..	..	4,418 00
Total.....		3,157	375	600	795	290	1,300	..	49	\$139,785 10



TABLE NO. 6.

Total Amount of Work Done on Construction of Sewers, from January 1, 1898, to January 1, 1899.

	FEET.	FEET.	MILES.	MILFS.
12-inch pipe sewer, public contract .....	14,702		2.785	
15 " " .....	7,763		1.470	
18 " " .....	1,743		.330	
24 " " .....	914		.173	
		25,122		4.758
12-inch pipe sewer, private contract .....	3,136		.594	
15 " " .....	48		.009	
		3,184		.603
30-inch brick sewer, Public Contract .....	1,902		.350	
36 " " .....	573		.109	
42 " " .....	1,303		.247	
72 " " .....	468		.089	
		4,246		.805
Totals .....		32,552		6.166

78-inch brick sewer, alteration and improvement, not affecting mileage, 1,300 feet.

TABLE NO. 7.

Number of Miles of Sewers Completed from January 1, 1898, to January 1, 1899.

SIZE.	MILES.	SIZE.	MILES.
6-inch cast-iron pipe .....	0.336	102-inch brick .....	0.869
9 " pipe .....	3.605	108 " " .....	1.530
12 " " .....	293.612	120 " " .....	2.565
15 " " .....	84.357	126 " " .....	0.875
16 " cast-iron pipe .....	0.272	132 " " .....	0.815
18 " pipe .....	55.947	144 " " .....	2.680
24 " " .....	15.808	168 " " .....	0.760
24 " brick .....	10.720	180 " " .....	0.800
30 " pipe .....	1.420	187 " " .....	0.289
30 " brick .....	21.043		
36 " " .....	17.579	Built under Private Contract.	
42 " wooden .....	0.122	9-inch pipe .....	4.619
42 " brick .....	8.309	12 " " .....	35.000
48 " cast-iron pipe .....	0.231	15 " " .....	8.994
48 " wooden .....	0.315	18 " " .....	4.155
48 " brick .....	11.567	24 " " .....	0.467
54 " " .....	3.891	30 " brick .....	0.356
60 " " .....	6.700	36 " " .....	0.090
66 " " .....	2.582	42 " " .....	0.050
72 " " .....	5.958	48 " " .....	0.140
78 " " .....	2.701		
84 " " .....	0.770	Built by the Department.	
90 " " .....	1.560	12-inch pipe .....	0.200
94 " " .....	0.190		
96 " " .....	0.884	Total .....	616.673
		184-inch wooden flume .....	0.623

TABLE NO. 8.

Number of Connections Made with Sewers from 1859 to January 1, 1899.

YEAR.	No.	YEAR.	No.
1859	Connections made .....	1880	Connections made .....
1860	" .....	1881	" .....
1861	" .....	1882	" .....
1862	" .....	1883	" .....
1863	" .....	1884	" .....
1864	" .....	1885	" .....
1865	" .....	1886	" .....
1866	" .....	1887	" .....
1867	" .....	1888	" .....
1868	" .....	1889	" .....
1869	" .....	1890	" .....
1870	" .....	1891	" .....
1871	" .....	1892	" .....
1872	" .....	1893	" .....
1873	" .....	1894	" .....
1874	" .....	1895	" .....
1875	" .....	1896	" .....
1876	" .....	1897	" .....
1877	" .....	1898	" .....
1878	" .....		
1879	" .....	Total .....	111,319

## DOCUMENT "F."

DEPARTMENT OF SEWERS—BOROUGH OF QUEENS. }  
January 3, 1899. }

Hon. JAMES KANE, Commissioner of Sewers, City of New York:

DEAR SIR—I have the honor to transmit herewith for your consideration a statement of the transactions of the Department of Sewers of the Borough of Queens, for the year 1898.

The Engineer's report shows the following state of affairs of the borough, in wards, viz.:

## SEWERS—REPAIRING AND CLEANING—FIRST WARD.

(Comprised of the five wards of the former Long Island City.)

In this ward there are 444 basins and about 7 miles of brick sewer, 16 miles of pipe sewer, 5 miles of open drains and about 1½ miles of culverts.

In addition to the regular work of the Department, as stipulated below, the following special complaints were attended to in this ward:

## Special Complaints.

The First Street Sewer, Long Island City, which had not been cleaned in a number of years, was found to be entirely choked up. Any access to the manholes was impossible, as said sewer running through the yards of the Long Island Railroad Company was covered up and a wooden fence run right over same. This fence had first to be removed after considerable trouble with the Long Island Railroad Company, but which was finally settled, however, by the Board of Public Improvements. The sewer has been thoroughly cleaned and repaired and is now in good condition.

The Borden Avenue Sewer, Long Island City—Numerous complaints have been received regarding the choked-up condition of the sewer, thereby flooding the streets and gutters, especially after every heavy rainstorm and at every extra high tide. As this is a main sewer of Hunter's Point it would be a very expensive matter to remedy this evil at the present time. The only temporary relief that can be given just now is in the regular cleaning of the basin, which is done whenever required.

The Third Street Sewer, Long Island City—To remedy complaints regarding the stoppage of the sewer (18-inch pipe), it will be necessary to take up about 100 feet of same and relay it. The appropriation for "Sewers—Repairing and Cleaning," for the year 1898 was not sufficient to include this in the work done during the year.

The Eighth Street Sewer, Long Island City—To alleviate the trouble of the occasional choking up of this sewer, owing also to the heavy rainfalls and extra high tides, an appropriation of \$3,000 was asked for by this Department for the extension of the outlet of said sewer into the East river, in the Departmental Estimate of August 22, 1898. This item was not granted, however, in the appropriation for 1899. In the mean time an open box-drain about 50 feet long, 4 feet square, has been added, thereby giving temporary relief by carrying all sewerage matter out as near as possible to low-water line.

The Webster Avenue Sewer, Long Island City—A lengthy report in reference to this complaint has been made and forwarded to the main office. The present condition is that all work on the sewer has been suspended and the hole in the ground about 300 feet long, 15 feet wide, and between 15 and 18 feet deep, has been fenced in and all precautions for the prevention of accidents have been taken. The case of W. J. Rodgers, contractor for the construction of this sewer, is now pending in the courts.

Broadway Sewer, Long Island City—This is an 11 by 15 feet trunk sewer emptying into the East river at the foot of Broadway. The mouth of this sewer has caved in and to repair the same it would require the rebuilding of about 500 feet of sewer, which means from the westerly line of Vernon avenue to the bulkhead-line of the East river. The estimated cost for repairs is \$25,000 and plans and specifications for same have been filed with the Board of Estimate and Apportionment.

Fulton and Main Street Sewer, Astoria, Long Island—This is an 18-inch pipe sewer, which was laid about thirty years ago. It is now too small and the only remedy seems to be the construction of a relief sewer to run through Halsey street into Hallett's Cove. Various attempts have been made to obtain the consent of the property-owners along the line of the proposed relief sewer, but without any satisfactory result.

Flushing Avenue Sewer, Long Island City—This is an 18-inch pipe sewer and should have been at least four feet. It, consequently, is too small, and the only manner in which to relieve the trouble would be by connecting said Flushing avenue sewer with the trunk sewer on Hoyt avenue by an 18-inch pipe running through Lawrence street. Plans and profile of this work are on file in this office.

## SECOND WARD.

(Comprising Woodside, Winfield, Corona, Elmhurst, Maspeth, Laurel Hill, etc., formerly the Town of Newtown.)

In this ward there are 25 basins and about 9 miles of open drain, and 2 miles of culverts. There are no sewers in this section, with the exception of about 4 miles of private sewers and a stone drain running through Newtown, Corona and Elmhurst and emptying into Flushing Bay. This drain is about 2 feet 4 inches by 2 feet 8 inches and about 5 miles long. This drain has been overhauled and cleaned out thoroughly by this Department and is now in good condition.

## THIRD WARD.

(Comprising Flushing, College Point, Whitestone, Bayside, Murray Hill, etc., formerly Town of Flushing.)

In this ward there are 334 basins, 35 miles of pipe sewer, 5 miles of open drains and about 2 miles of culverts.

## Special Complaints.

Sewers in Flushing, Long Island—The number of breaks in these sewers have been reported and repaired during the last year, the main trouble being the poor quality and defective pipe which was originally used in their construction. These repairs necessitated the taking up of the cement pipe which was formerly used and replacing same with Ohio vitrified salt-glazed stoneware pipe. Several hundred feet of this new pipe have been used along different parts of the line of the sewer.

Whitestone sewers, Long Island—The several breaks in the Whitestone sewer have been caused by the fact of the pipe being laid only three to four feet below the macadam, and the weight of the heavy steam rollers which were used in rolling this macadam caused the cracking and breaking of the pipe in different places along the line of the sewer.

College Point Sewers—The sewers in College Point are all in fairly good condition, with the exception of that portion at the foot of Fourteenth street, which will have to be extended to low-water line, as at present there is considerable trouble caused by the sewerage matter emptying on to the meadows which, especially in summer, causes offensive odors. This has been complained of several times by the Board of Health. The special appropriation of \$6,000, which we asked for in our Departmental Estimate for 1899, has not been allowed.

## FOURTH WARD.

(Comprising Richmond Hill, Jamaica, Woodhaven, etc., formerly the Town of Jamaica.)

In this ward there are 191 basins, 510 manholes, 38 miles of sewer, 5 miles of open drains and about 2 miles of culverts.

Jamaica Sewer System—This system which was constructed by James F. Gillen, contractor, has been thoroughly examined and found in good condition, with the exception of 3,308 feet which are now being relaid and repaired by Joseph Caccavajo & Co. The plan and profiles for Disposal Works for this system are now ready and on file in this office.

## Total Length of Sewers.

The sewer system for the entire borough is now about 123 miles pipe sewer, 10 miles brick sewer and 1,302 basins.

## Working Force.

The average working force for the First, Second, Third and Fourth Wards of the borough consisted of the following for the year 1898:

Foremen .....	10
Assistant Foreman .....	1
Horses and carts .....	8
Laborers .....	23
Sounders .....	2
Cement Laborers .....	8
Toolmen .....	2
Driver .....	1

## Work Done.

The following regular work was done, in addition to the special complaints enumerated above, during the year 1898:

Linear feet of new sewers built .....	2,825
Linear feet of sewers cleaned .....	33,674
Linear feet of sewers examined .....	17,509
Linear feet of sewers repaired .....	2,136
Linear feet of sewers flushed .....	22,000
Linear feet of sewers relieved .....	400
Number of basins cleaned .....	1,925
Number of basins examined .....	1,830



Number of basins repaired.....	107
Number of basins built.....	9
Number of basin heads set.....	11
Number of basin heads reset.....	34
Number of manhole heads and covers set.....	39
Number of manhole heads and covers reset.....	51
Number of manholes built.....	1
Number of manhole plates put on.....	19
Linear feet of box culverts built.....	492
Linear feet of guard fence built around sewer breaks.....	130
Linear feet of drains and culverts cleaned.....	46,397
Iron grates put on basins.....	4
Loads removed from basins to dumps.....	6,711
Snow removed from around basins.....	448

## FIFTH WARD.

(Comprising Far Rockaway, Wave Crest, Edgemere, Rockaway Beach, etc.)  
In this ward there are 308 basins, 472 manholes, 24 flush tanks.

## Working Force.

The working force for this ward consists of 1 Superintendent, 1 Day and 1 Night Engineer, 1 Day and 1 Night Fireman, 1 Toolman and 1 Laborer.

## Work Done.

During the year 48,012,990 gallons of sewerage matter have been pumped and 2,890 tons of sludge removed from the Disposal Works at Far Rockaway. In addition to the above all the catch-basins at Far Rockaway have been recemented with Portland cement, all catch-basins flushed at an average of twice a week, and all sewers and outlets cleaned whenever required.

It will prove quite an advantage both as a matter of economy as well as for sanitary reasons that the Wave Crest sewerage system be connected with the main system and that the sewerage matter be discharged after being chemically treated through the Disposal Works. This system consists of about 4 miles of pipe sewer with several outlets emptying into the salt water creeks adjacent thereto, which creeks are narrow, shallow, tortuous tributaries of Jamaica Bay.

This system is defective, requiring constant supervision during the summer, particularly to prevent and remedy stoppage. The sewerage matter after reaching the outlets is in a great measure distributed over the meadows and flats bordering on the creeks, where it decomposes, occasioning a disagreeable and probably moribund odor.

Edgemere and Rockaway also have separate systems which require a great deal of attention, especially in the summer, for similar reasons as quoted in reference to the Wave Crest system.

## DISPOSAL WORKS, FAR ROCKAWAY.

## Material Used.

During the last twelve months the following materials were used at the disposal plant:	
Tons of coal.....	330
Barrels of lime.....	775
Pounds of vitriol.....	3,047
“ perchloride of iron.....	3,277
“ maganese.....	1,520
“ salt.....	1,105
Gallons of machine oil.....	103
“ cylinder oil.....	101
Pounds of packing.....	65
“ round hemp core packing.....	40
Barrels Portland cement.....	20
Bags of sawdust.....	240

## APPROPRIATION ACCOUNT.

## Salaries.

Original appropriation, including one-third salary of Deputy Commissioner.....	\$16,186 67
November 28, 1898, transferred to "Sewers, Repairing and Cleaning" account.....	5,000 00
December 28, 1898, transferred to "Contingencies".....	125 00
	5,125 00

Amount of vouchers drawn on Comptroller during 1898.....	\$11,061 67
	10,934 52

Balance of appropriation, December 31, 1898.....	\$127 15
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## "Sewers, Repairing and Cleaning."

Original amount of appropriation.....	\$43,500 00
November 28, 1898, transferred from "Salaries".....	5,000 00
	\$48,500 00

Amount of vouchers drawn on Comptroller during 1898.....	48,491 26
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Balance of appropriation, December 31, 1898.....	\$8 74
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## "Contingencies."

Original amount of appropriation.....	\$500 00
December 28, transferred from "Salaries".....	125 00
	\$625 00

Amount of vouchers drawn on Comptroller during 1898.....	624 24
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Balance of appropriation, December 31, 1898.....	\$0 76
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## MONEYS RECEIVED.

There has been received during the year 1898 \$2,930 for sewer connection permits issued, which amount has been turned over to the City Chamberlain.

Respectfully submitted,

(Signed) M. J. GOLDNER,  
Deputy Commissioner of Sewers, Borough of Queens.

## DOCUMENT "G."

OFFICE OF THE DEPUTY COMMISSIONER AND CHIEF ENGINEER OF SEWERS  
OF THE CITY OF NEW YORK FOR THE BOROUGH OF RICHMOND,  
NEW BRIGHTON, N. Y., December 31, 1898.

Hon. JAMES KANE, Commissioner of Sewers, No. 267 Broadway, New York City:

DEAR SIR—I herewith respectfully submit for your consideration a report of the transactions of the branch of your Department in the Borough of Richmond for the year ending December 31, 1898.

I feel that at the close of the first year of this administration under the Greater New York Charter, that the sewers and their appurtenances in this borough are in far better condition than they ever have been before.

Where flush-tanks have not been provided, the sewers have been systematically hand-flushed. Receiving-basins have been kept clean and in repair; and open ditches and drains have been kept in condition to allow a free and unobstructed flow of storm and surface water.

The sewer work at Tottenville, as you know, has progressed in a very unsatisfactory manner; the contractor has been unable to collect any money from the city this year, which has financially embarrassed him, and is the primary cause for the delay in this work.

The contract (as you have notified me) is now registered, and we trust that an early payment will put new energy into this work.

The Board of Estimate and Apportionment having allowed a sufficient sum for furnishing an adequate water supply to certain flush-tanks that are not now supplied, the Department is desirous of entering into contracts with the water company for this purpose.

We have commenced for the winter work a survey to establish bench marks throughout the borough, from which we intend to establish the grade of the inverts of all the sewers at each manhole. We have adopted mean low water as the datum, and have obtained from the Dock Department several bench marks, which they have recently established from tide-gauge reading. Sewers have been previously constructed without any relation to each other or to a common datum. I believe that it would be of inestimable benefit to this Department to have the elevation of the inverts of all the sewers obtained from the same datum and marked upon a map for this purpose, also showing the elevation of the street above at each point.

I respectfully recommend that where the outfalls of sewers in this borough are within the bulkhead-line, thereby creating and maintaining nuisances, that rights-of-way be acquired by the city for the purpose of extending such sewers to the bulkhead-line.

The recommendations of the Board of Public Improvements for the construction of storm-water sewers in this borough promises for the local Department a busy year.

I now respectfully invite your attention to the more detailed statement of the report.

*Trial Balance and Statement as Per Ledger, Department of Sewers, Borough of Richmond, for the Year Ending December 31, 1898.*

TITLE OF APPROPRIATION.	SALARIES.	SEWERS, REPAIRING AND CLEANING.	CONTINGENCIES.
Appropriation for 1898.....	\$9,986 67	\$8,000 00	\$500 00
Transferred from Sewers, Repairing and Cleaning.....	25 00	25 00	.....
	\$10,011 67	\$7,975 00	.....
Total amount of vouchers certified to Comptroller to date.....	\$10,010 77	\$4,922 51	\$312 24
Balance of Appropriation year ending December 31, 1898.....	90	3,052 49	187 76
Amount of appropriation to date.....	\$10,011 67	\$7,975 00	\$500 00
One-twelfth of appropriation.....	\$834 30	\$664 58	41 66
Vouchers certified to Comptroller during current month.....	860 54	1,570 55	124 00

## Statement of Work Done Under Contract during the Year 1898.

Linear feet of sewer built.....	3,408
Number of basins built.....	12
Number of flush-tanks built.....	4
Number of manhole heads and covers set.....	10
Number of manholes built.....	17

Making the total length of sewers in the borough 52 miles, with 245 basins.

## Detailed Statement of Other Work Done during the Year 1898.

Moneys received.....	\$681 00
Requisitions drawn on Comptroller.....	6,246 22
Number of permits issued.....	321
Linear feet of sewer cleaned.....	526,260
Number of basins cleaned.....	913
Number of basins examined.....	494
Number of basins repaired.....	35
Number of basin heads set.....	3
Number of manhole heads and covers reset.....	46
Number of manholes cleaned.....	519

## Sewers, Repairing and Cleaning.

	Hours.
Mechanics.....	302
Foremen.....	1,056
Laborers.....	14,564
Horse and wagon.....	100
Teams.....	97
Carts.....	12

All of which is respectfully submitted,

(Signed) HENRY P. MORRISON, Deputy Commissioner and Chief Engineer.

## CHANGE OF GRADE DAMAGE COMMISSION.

OFFICE OF THE COMMISSION, ROOM 58, No. 96 BROADWAY, }  
NEW YORK, WEDNESDAY, February 1, 1899, 2 o'clock P. M. }

The Commission met pursuant to adjournment.

Present—Daniel Lord (Chairman) and James M. Varnum, Commissioners.

Of Counsel—Robert C. Beatty, Esq., representing the Corporation Counsel; Carroll Berry, Esq., representing numerous claimants.

The reading of the minutes of the proceedings of the previous meeting was dispensed with.

The Commissioners then proceeded with the trial of Claim No. 959 (John B. Haskin).

The Commission then adjourned to Friday, February 3, 1899, at 2 o'clock P. M.

LAMONT McLOUGHLIN, Clerk.

OFFICE OF THE COMMISSION, ROOM 58, No. 96 BROADWAY, }  
NEW YORK, FRIDAY, February 3, 1899, 2 o'clock P. M. }

The Commission met pursuant to adjournment.

Present—Daniel Lord (Chairman), James M. Varnum and William E. Stillings, Commissioners.

The reading of the minutes of the proceedings of the previous meeting was dispensed with.

The Commissioners then, in executive session, examined, discussed and considered the depositions, testimony, photographs and other evidence in certain claims heretofore submitted.

The Commissioners then duly signed certificates of award in claim No. 849 (Timothy Donovan), for property on Courtlandt avenue and East One Hundred and Sixty-second street, known as Block 1340; Ward No. 1 (south half of) in the Twenty-third Ward in the City of New York, in which the award was \$500, with a counsel fee of \$60 to Truman H. Baldwin, attorney.

The Commissioners also certified bills in favor of the following parties, which the Clerk was instructed to file in the Comptroller's office: The Union Ice Company, \$21; M. A. O'Conner (for printing and stationery), \$99.25; Lamont McLoughlin (for disbursements), \$35.05.

The Commission then adjourned to Monday, February 6, 1899, at 2 o'clock P. M.

LAMONT McLOUGHLIN, Clerk.

OFFICE OF THE COMMISSION, ROOM 58, No. 96 BROADWAY, }  
NEW YORK, MONDAY, February 6, 1899, 2 o'clock P. M. }

The Commission met pursuant to adjournment.

Present—Daniel Lord (Chairman), James M. Varnum and William E. Stillings, Commissioners.

The reading of the minutes of the proceedings of the previous meeting was dispensed with.

The Commissioners handed down the following decisions:

Claim No. 817 (Peter Daly), amount claimed, \$2,000. Motion to increase to \$4,400, denied; Twenty-third Ward, Block 1339, Ward No. 25, No. 2 Teller place; award, \$1,500; counsel fee, \$60. Motion to dismiss this claim denied.

Claim No. 796 (George F. Mellert and others), amount claimed \$2,500; Twenty-third Ward, Block 1557, Ward No. 25, No. 881 Brook avenue; award, \$1,250; counsel fee, \$60.

Claim No. 794 (Thomas K. Snyder), amount claimed, \$2,000; Twenty-third Ward, Block 1557, Ward No. 26, No. 879 Brook avenue; award, \$1,250; counsel fee, \$60.

Claim No. 408 (Helena W. Woehling), amount claimed, \$2,000; Twenty-third Ward, Block 1552, Ward No. 1, No. 531 East One Hundred and Sixtieth street; award, \$100; counsel fee, \$25.

Claim No. 538 (Bertha Volkening), amount claimed, \$5,800; Twenty-third Ward, Block 1581, Ward Nos. 1 and 7, west side Railroad avenue between One Hundred and Fifty-seventh and One Hundred and Fifty-eighth streets; award, \$750; counsel fee, \$40.

Claim No. 537 (Bertha Volkening), amount claimed, \$5,200; Twenty-third Ward, Block 1617, Ward Nos. 2, 3, 6 and 7, east side Railroad avenue, between One Hundred and Fifty-fourth and One Hundred and Fifty-fifth streets; award, \$2,500; counsel fee, \$60.



Claim No. 513 (William Coogan), amount claimed, \$4,000; motion to increase to \$6,230.27 denied; Twenty-fourth Ward, Block 1021, Ward No. 45, west side Vanderbilt avenue, between Kingsbridge road and One Hundred and Eighty-ninth street; award, \$2,250; counsel fee, \$60; motion to dismiss at page 4910 denied.

The Commissioners then, in executive session, examined, discussed and considered the depositions, testimony, photographs and other evidence in certain claims heretofore submitted.

The Commission then adjourned to Wednesday, February 8, 1899, at 2 o'clock P. M.

LAMONT McLOUGHLIN, Clerk.

## DEPARTMENT OF HEALTH.

DEPARTMENT OF HEALTH OF THE CITY OF NEW YORK,  
NEW YORK, March 22, 1899.

The Board met pursuant to adjournment.

Present—Commissioners Michael C. Murphy, William T. Jenkins, M. D.; John B. Cosby, M. D.; the Health Officer of the Port; the President of the Board of Police.

The minutes of the last meeting were read and approved.

The Finance Committee presented the following bills, which were approved and ordered forwarded to the Comptroller for payment:

NAMES.	AMOUNT.	NAMES.	AMOUNT.
1898.			
Dr. Daniel Lewis.....	\$4 50	Gilbert & Barker Manufacturing Com- pany.....	\$76 50
Library Bureau.....	31 50	New York Telephone Company.....	400 79
M. B. Brown Company.....	7 50	Schieffelin & Co.....	21 89
Dr. Daniel Lewis.....	4 50	R. H. Macy & Co.....	150 20
Wyckoff, Seamans & Benedict.....	90 00	Seton Hospital.....	2,536 00
John W. Sullivan.....	2,200 00	Gustav E. Stechert.....	69 88
James O'Toole.....	12 00	Bausch & Lomb, Optical Company.....	5 75
Bausch & Lomb, Optical Company.....	229 15	New York Telephone Company.....	1,130 67
Tower Manufacturing and Novelty Com- pany.....	24 00	Manhattan Rubber Manufacturing Com- pany.....	44 89
1899.			
William E. Rappenecker.....	31 50	A. P. Volmer.....	116 09
C. Golderman.....	25 79	Seton Hospital.....	1 7 00
C. Golderman.....	85 33	Duparquet, Huot & Moncuse Company..	2 28
New York and New Jersey Telephone Company.....	50 79	Richard Fitzpatrick.....	71 50
I. S. Remsen Manufacturing Company.....	90 00	Thomas C. Dunham.....	64 05
New York and New Jersey Telephone Company.....	179 10	Hollywood Company.....	29 10
E. W. Bullinger.....	6 00	Church E. Gates & Co.....	22 55
Hammacher Schlemmer & Co.....	40 47	Hastings & Miller.....	12 12
Incandescent Burner Company.....	31 90	Sharp & Dohme.....	12 47
Thomas W. Martin.....	2 75	Emil Greiner.....	5 00
		Colored Home & Hospital.....	271 00
		James T. Dougherty.....	204 85
		Patrick Burns.....	22 00

### The Sanitary Committee Presented the following Reports.

The report of the Sanitary Committee to whom was referred the manuscript of the Annual Report for the year 1897 was approved.

1st. Communication from the Assistant Corporation Counsel, recommending the discontinuance of the suits named in his report.

On motion, it was

Resolved, That the Corporation Counsel be and is hereby requested to discontinue, without costs, the actions against the following-named persons for violations of the Sanitary Code and of the Tenement-house Law, the Inspector having reported the order therein complied with, or the nuisance complained of abated, a permit having been granted or violations removed, or the order rescinded, to wit:

NAMES.	No.	NAMES.	No.
Timony, Frank.....	1938	Morton, Mary.....	2461
Smith, Isaac L.....	1985	Flanagan, William.....	2465
Jackson, Henry.....	2253	Lieberman, Fannie.....	2470
Berrian, William.....	2342	Woodcock, Edwin.....	2474
Minrath, Ferdinand.....	2362	Buerman, Charles.....	2475
Duffy, Bridget.....	2383	Butler, Marion V.....	2495
Schumacher, Henry.....	2384	April, Isidor.....	2511
Einstein, David L.....	2406	Carroll, Thomas.....	2533
Pocher, Antoinette.....	2408	Wallach, Karl M.....	2534
Philip, Samuel J.....	2431	Townsend, Stephen.....	2536
Schmidt, Charles.....	2440	Coughlin, Peter.....	2548
Josephs, Samuel.....	2445	Moran, William.....	2554
Radley, John J.....	2454	Roseppe, Giacomo.....	2557

### SANITARY BUREAU.

The following Communications were Received from the Sanitary Superintendent:

1st. Weekly reports of the Sanitary Superintendent. Ordered on file.  
2d. Weekly reports from the Willard Parker, Reception, Riverside and Kingston Avenue Hospitals. Ordered on file.

3d. Report on changes in the hospital service.

On motion, it was

Resolved, That the following changes in the hospital service be and are hereby approved:

#### Willard Parker Hospital.

NAMES.	POSITION.	SALARY.	DROPPED, APPOINTED, RESIGNED, TRANSFERRED.	DATE.
Mary Donohue.....	Nurse.....	\$462 00	Dropped.....	Mar. 1, 1899
Kate Hall.....	Keeper.....	600 00	Appointed.....	" 8, "
William Hanover.....	".....	360 00	".....	" 13, "
John Miraglia.....	".....	600 00	".....	" 10, "

#### Riverside Hospital.

Minnie O'Neil.....	Helper.....	\$168 00	Resigned.....	Mar. 12, 1899
Harry M. Bradley.....	Assistant Resident Physician.....	1,200 00	Transferred (Queens).....	" 15, "
Thomas F. Joyce.....	Assistant Resident Physician.....	1,200 00	Appointed.....	" 15, "
Annie O'Brien.....	Ward Helper.....	168 00	".....	" 16, "
John Henry.....	Orderly.....	360 00	".....	" 18, "
Maggie Dunn.....	Ward Helper.....	168 00	".....	" 18, "

#### Kingston Avenue Hospital.

Margaret Sentnor.....	Nurse.....	\$360 00	Appointed.....	Mar. 12, 1899
William Trussman.....	".....	216 00	".....	" 20, "
Eleanor Starkweather.....	".....	360 00	".....	" 20, "

4th. Reports on application for leave of absence.

On motion, it was

Resolved, That leave of absence be and is hereby granted as follows:

NAME.	FROM.	TO.	REMARKS.
Louise C. Gumph.....	March 20	March 24	

5th. Reports and certificates on overcrowding in the following tenement-houses:

On motion, the following preamble and resolution were adopted:

Whereas, The Sanitary Superintendent has certified to this Board that the following apartments in tenement-houses in The City of New York are so overcrowded that less than four hundred cubic feet of air space is afforded to each occupant in the said houses;

It is Ordered, That the number of occupants in said apartments be and are hereby reduced, as follows:

No. of Order.	ON PREMISES AT	LOCATION OF ROOM.	OCCUPANT.	REDUCED TO	
				Adults.	Children.
1246	No. 23 Clinton street (rear house)...	Fourth floor, n.....	Samuel Klein.....	3	3
1247	No. 37 Crosby street.....	Fourth floor, s.s.r....	Rosend Lavelb.....	3	4
1248	No. 45 Delancey street.....	First floor, e.r.....	Frank Stankivitch.....	2	1

6th. Certificates in respect to the vacation of premises at No. 227 West Thirty-second street, No. 207 East Ninety-seventh street, No. 630 West One Hundred and Thirty-first street, No. 632 West One Hundred and Thirty-first street, No. 634 West One Hundred and Thirty-first street, Borough of Manhattan, and southeast corner White Plains road and Jerome street, Borough of The Bronx.

On motion, the following preamble and resolution were adopted:

Whereas, The Sanitary Superintendent has certified to this Board that the building situated upon Lot No. 227 West Thirty-second street, in the Borough of Manhattan, has become dangerous to life by reason of want of repair, and is unfit for human habitation because of defects in the plumbing thereof, and because of the existence of a nuisance on the premises which is likely to cause sickness among its occupants;

Ordered, That all persons in said building, situated on Lot No. 227 West Thirty-second street, in the Borough of Manhattan, be required to vacate said building on or before March 28, 1899, for the reason that said building is dangerous to life by reason of want of repair and is unfit for human habitation because of defects in the plumbing thereof, and because of the existence of a nuisance on the premises likely to cause sickness among its occupants.

And further, that this order be affixed conspicuously on the front of and in said building and be served as the law requires, under the direction of the Sanitary Superintendent; and further, that said building be not again used as a human habitation without a written permit from this Board.

On motion, the following preamble and resolution were adopted:

Whereas, The Sanitary Superintendent has certified to this Board that the building situated upon Lot No. 207 East Ninety-seventh street, in the Borough of Manhattan, has become dangerous to life, and is unfit for human habitation because of defects in the plumbing thereof, and because of the existence of a nuisance on the premises which is likely to cause sickness among its occupants;

Ordered, That all persons in said building situated on Lot No. 207 East Ninety-seventh street, in the Borough of Manhattan, be required to vacate said building on or before March 28, 1899, for the reason that said building is dangerous to life, and is unfit for human habitation because of defects in the plumbing and drainage thereof, and because of the existence of a nuisance on the premises likely to cause sickness among its occupants.

And further, that this order be affixed conspicuously on the front of and in said building and be served as the law requires, under the direction of the Sanitary Superintendent; and further, that said building be not again used as a human habitation without a written permit from this Board.

On motion, the following preamble and resolution were adopted:

Whereas, The Sanitary Superintendent has certified to this Board that the building situated upon Lot No. 630 West One Hundred and Thirty-first street, in the Borough of Manhattan, has become dangerous to life and is unfit for human habitation because of defects in the plumbing thereof, and because of the existence of a nuisance on the premises which is likely to cause sickness among its occupants;

Ordered, That all persons in said building situated on Lot No. 630 West One Hundred and Thirty-first street, in the Borough of Manhattan, be required to vacate said building on or before March 28, 1899, for the reason that said building is dangerous to life and is unfit for human habitation because of defects in the plumbing thereof, and because of the existence of a nuisance on the premises likely to cause sickness among its occupants.

And further, that this order be affixed conspicuously on the front of and in said building and be served as the law requires, under the direction of the Sanitary Superintendent; and further, that said building be not again used as a human habitation without a written permit from this Board.

On motion, the following preamble and resolution were adopted:

Whereas, The Sanitary Superintendent has certified to this Board that the building situated upon Lot No. 632 West One Hundred and Thirty-first street, in the Borough of Manhattan, has become dangerous to life and is unfit for human habitation because of defects in the plumbing thereof, and because of the existence of a nuisance on the premises which is likely to cause sickness among its occupants;

Ordered, That all persons in said building situated on Lot No. 632 West One Hundred and Thirty-first street, in the Borough of Manhattan, be required to vacate said building on or before March 28, 1899, for the reason that said building is dangerous to life and is unfit for human habitation because of defects in the plumbing thereof, and because of the existence of a nuisance on the premises likely to cause sickness among its occupants.

And further, that this order be affixed conspicuously on the front of and in said building and be served as the law requires, under the direction of the Sanitary Superintendent; and further, that said building be not again used as a human habitation without a written permit from this Board.

On motion, the following preamble and resolution were adopted:

Whereas, The Sanitary Superintendent has certified to this Board that the building situated upon lot No. 634 West One Hundred and Thirty-first street, in the Borough of Manhattan, has become dangerous to life and is unfit for human habitation because of defects in the plumbing thereof, and because of the existence of a nuisance on the premises which is likely to cause sickness among its occupants;

Ordered, That all persons in said building, situated on lot No. 634 West One Hundred and Thirty-first street, in the Borough of Manhattan, be required to vacate said building on or before March 28, 1899, for the reason that said building is dangerous to life and is unfit for human habitation because of defects in the plumbing thereof, and because of the existence of a nuisance on the premises likely to cause sickness among its occupants.

And further, that this order be affixed conspicuously on the front of and in said building and be served as the law requires, under the direction of the Sanitary Superintendent; and further, that said building be not again used as a human habitation without a written permit from this Board.

On motion, the following preamble and resolution were adopted:

Whereas, The Sanitary Superintendent has certified to this Board that the building situated upon Lot southeast corner White Plains road and Jerome street, in the Borough of The Bronx, has become dangerous to life by reason of want of repair, and is unfit for human habitation because of defects in the plumbing thereof, and because of the existence of a nuisance on the premises which is likely to cause sickness among its occupants;

Ordered, That all persons in said building, situated on Lot southeast corner White Plains road and Jerome street, in the Borough of The Bronx, be required to vacate said building on or before March 28, 1899, for the reason that said building is dangerous to life by reason of want of repair, and is unfit for human habitation because of defects in the plumbing thereof, and because of the existence of a nuisance on the premises likely to cause sickness among its occupants.

And further, that this order be affixed conspicuously on the front of and in said building and be served as the law requires, under the direction of the Sanitary Superintendent; and further, that said building be not again used as a human habitation without a written permit from this Board.

7th. Report on compliance with certain orders to vacate premises, etc.

On motion, it was

Resolved, That the following orders be and are hereby rescinded, for the reason that the causes for the same have been removed:

#### Vacations.

No. of Order.	LOCATION.	No. of Order.	LOCATION.
211	Nos. 221 and 223 West Thirty-second street.	23312	No. 150 Ridge street.
16729	No. 318 East One Hundred and Ninth street.	28106	No. 247 West Sixtieth street.

Report in respect to the necessity of vaccination in the public schools of the boroughs of Brooklyn, Queens and Richmond. The Secretary was directed to forward copies of the report to the Boards of Education of the above boroughs and to request their co-operation in the matter.



## 9th. Reports on applications for permits.

On motion, it was

Resolved, That permits be and are hereby granted as follows:

No.	BUSINESS, MATTER OR THING GRANTED.	ON PREMISES AT
BOROUGH OF MANHATTAN.		
10657	To keep a school for 50 scholars.....	No. 36 Orchard street.
10658	To keep a school for 10 scholars.....	No. 103 Orchard street.
10659	To board and care for 1 child.....	No. 30 Vesey street.
10661	"	No. 1023 Avenue A.
10662	To board and care for 2 children.....	No. 719 Third avenue.
10663	To occupy the basement as a place of living and sleeping.....	No. 70 East Third street.
10664	To use a smoke-house.....	No. 432 Pearl street.
10665	To keep 4 chickens.....	No. 1631 Second avenue.
		No. 324 East One Hundred and Twenty-first street.
BOROUGH OF BROOKLYN.		
454	To keep 1 cow.....	Cypress avenue and Troutman street.
455	"	No. 124 Banzett street.
456	"	No. 575 Johnson avenue.
457	"	Cypress and DeKalb avenues.
458	"	Beadell street and Stewart avenue.
459	"	Cypress and DeKalb avenues.
460	"	Porter avenue, near Benton street.
461	To keep 2 cows.....	No. 2 Beadell street.
462	To keep 4 cows.....	Elton street and Worthman avenue.
463	To keep 11 cows.....	No. 284 Moffat street.
464	To keep 21 cows.....	Jamaica avenue and Crescent street.
10666	To board and care for 2 children.....	No. 291 South Fourth street.
10667	To use a smoke-house.....	No. 531 Flushing avenue.
BOROUGH OF QUEENS.		
465	To keep 3 cows.....	Juniper avenue, Middle Village.
466	To keep 4 cows.....	Juniper avenue, Middle Village.
BOROUGH OF RICHMOND.		
10668	To keep 20 chickens.....	No. 76 Meserau avenue.
10669	To keep 25 chickens.....	No. 146 South avenue.

## Reports on Applications for Store and Wagon Permits for the Sale of Milk.

On motion, it was

Resolved, That the following permits for the sale and delivery of milk in The City of New York be and the same are hereby granted:

No.	LOCATION.	No.	LOCATION.
BOROUGH OF BROOKLYN			
2876	No. 150 Huron street.	2920	No. 465 DeKalb avenue.
2877	No. 317 Stagg street.	BOROUGH OF MANHATTAN.	
2878	No. 222 Franklin street.	STORES.	
2879	No. 214 Driggs avenue.	1968	No. 818 Tenth avenue.
2880	No. 972 Manhattan avenue.	2756	No. 314 East Sixty-third street.
2881	No. 614 Manhattan avenue.	2920	No. 324 East Seventy-fourth street.
2882	No. 99 Greenpoint avenue.	3366	No. 1580 Third avenue.
2883	No. 51 Bushwick avenue.	3629	No. 29 Stanton street.
2884	No. 999 Flushing avenue.	3869	No. 188 East Sixty-fourth street.
2885	No. 1029 Manhattan avenue.	3971	No. 334 East Ninth street.
2886	No. 64 Morgan avenue.	4297	No. 417 East Ninth street.
2887	No. 110 Moore street.	5452	No. 299 East Third street.
2888	No. 166 Manhattan avenue.	7013	No. 88 Stanton street.
2889	No. 340 Devoe street.	8291	No. 35 Columbia street.
2890	No. 87 Herbert street.	8605	No. 434½ East Seventy-fifth street.
2891	No. 85 Seigel street.	9198	No. 407 Seventh avenue.
2892	No. 84 Leonard street.	9850	No. 222 East Third street.
2893	No. 504 Warren street.	10196	No. 92 Henry Street.
2894	No. 100 Wythe avenue.	10197	No. 27 Cannon street.
2895	No. 108 Berry street.	10198	No. 78 Henry street.
2896	No. 156 Conover street.	10199	No. 309 East Forty-eighth street.
2897	No. 663 Fulton street.	10200	No. 551 Third avenue.
2898	No. 291 Court street.	10201	No. 2214 Seventh avenue.
2899	No. 209 Franklin street.	10202	No. 411 West Fifty-third street.
2900	No. 22 Boerum street.	10203	No. 333 East Fifty-fourth street.
2901	No. 26 Moore street.	10204	No. 219 East Forty-seventh street.
2902	No. 210 Conover street.	10205	No. 128 Lewis street.
2903	No. 195 Hoyt street.	10206	No. 196 Henry street.
2904	No. 53 Graham avenue.	10207	No. 48 Lewis street.
2905	No. 166 Hoyt street.	10208	No. 166 Mulberry street.
2906	No. 357 Columbia street.	10209	No. 241 East Seventh street.
2907	No. 133 Ainslie street.	10210	No. 312 Bleeker street.
2908	No. 409 Graham avenue.	10211	No. 212 Elizabeth street.
2909	No. 104 Hamilton avenue.	10212	No. 226 Willett street.
2910	No. 452 St. Marks avenue.	10213	No. 227 West Nineteenth street.
2911	No. 720 Manhattan avenue.	10214	No. 170 East Third street.
2912	No. 192 Varet street.	10215	No. 230 East Forty-third street.
2913	No. 250 Boerum street.	10216	No. 945 Third avenue.
2914	No. 181 North Eighth street.	WAGONS.	
2915	No. 152 Dupont street.	1130	No. 160 Eldridge street.
2916	No. 362 Bedford avenue.	2308	No. 316 East Twenty-seventh street.
2917	No. 77 St. Edwards street.	2309	No. 2576 Eighth avenue.
2918	No. 286 Classon avenue.		
2919	West Eighth street, near Surf avenue.		

On motion, it was

Resolved, That permits be and are hereby denied, as follows:

No.	BUSINESS, MATTER OR THING DENIED.	ON PREMISES AT
BOROUGH OF MANHATTAN.		
816	To board and care for one child.....	No. 600 East Seventeenth street.
817	To keep a school.....	No. 15 Ludlow street.
818	To keep and slaughter poultry.....	No. 350 East Sixty-fourth street.

On motion, it was

Resolved, That the following permits be and the same are hereby revoked:

No.	BUSINESS, MATTER OR THING REVOKED.	ON PREMISES AT
BOROUGH OF MANHATTAN.		
9759	To keep a school.....	No. 91 Essex street.
10172	"	No. 16 Ludlow street.
10435	"	No. 163 Orchard street.
10149	"	No. 16 Ludlow street.
10150	"	No. 16 Ludlow street.
10290	"	No. 15 Ludlow street.
10016	"	No. 36 Orchard street.
10037	"	No. 48 Essex street.
10173	"	No. 16 Ludlow street.
10113	"	No. 333 East One Hundred and Ninth street.
9554	"	No. 240 Division street.
10112	"	No. 219 East One Hundred and Eighth street.
8247	"	No. 2291 First avenue.
10347	"	No. 20 Willett street.
9503	"	No. 119 Ridge street.
9645	"	No. 105 Norfolk street.
9357	"	No. 315 East One Hundred and Eleventh street.
8662	"	No. 236 East One Hundred and Eighth street.
9568	"	No. 1172 Park avenue.
9550	"	No. 418 East One Hundred and Twelfth street.
9692	"	No. 62 Goerck street.
10151	"	No. 16 Ludlow street.
9849	To board and care for two children.....	No. 927 Third avenue.
1968	To sell and deliver milk.....	No. 818 Tenth avenue.
2756	"	No. 333 East Fifty-fourth street.
2920	"	No. 324 East Seventy-fourth street.
3366	"	No. 1580 Third avenue.
3629	"	No. 29 Stanton street.
3869	"	No. 1068 Third avenue.
3971	"	No. 334 East Ninth street.
4297	"	No. 170 East Third street.
5452	"	No. 136 Suffolk street.
7013	"	No. 88 Stanton street.
8291	"	No. 293 Stanton street.
8605	"	No. 434½ East Seventy-fifth street.
9198	"	No. 407 Seventh avenue.
9850	"	No. 219 East Third street.
1130	"	No. 78 Pike street.

## 10th. Reports on applications for relief from orders.

On motion, it was

Resolved, That the following orders be extended, modified or rescinded, as follows:

No. of Order.	ON PREMISES AT	TIME EXTENDED TO	REMARKS.
BOROUGH OF MANHATTAN.			
489	No. 311 West One Hundred and Eighteenth street.....	Apr. 15, 1899	
1483	No. 34 Jones street.....	" 1, "	
1884	No. 301 Bowery.....	" 17, "	
1920	No. 376 West Thirty-fifth street.....		Modified so as not to require a ventilating shaft of 64 inches in area, instead of 144 inches in area.
2327	No. 695 First avenue.....	Apr. 15, 1899	
2449	No. 155 Park row.....		Modified so as not to require a special shaft for ventilating water-closet apartments.
3016	No. 8 Carmine street.....		Modified so as not to require the extension of the main waste-pipe in full calibre.
4081	No. 173 West Forty-fifth street.....		Modified so as not to require additional ventilation to be provided for the second floor water-closet apartments.
5391	No. 19 East Twenty-first street.....		Modified so as not to require the basement hopper water-closet to be removed, nor the water-closet apartment thereat to be ventilated.
5491	No. 269 West Twenty-second street.....	Apr. 1, 1899	
5805	No. 180 Rivington street.....	" 15, "	Provided floors of halls and stairs are scrubbed.
6192	No. 404 East One Hundred and Fourth street.....	May 1, 1899	
6429	Nos. 555 to 569 Amsterdam avenue.....	Apr. 1, "	
6430			
6432			
7468	No. 416 East Ninth street.....	" 15, "	On that portion of the order relating to walls and ceilings, provided remaining portions of the order are complied with.
7501	No. 180 Second street.....	" 17, "	Modified so as not to require new water-closets, provided the present water-closets are disinfected, scraped and coated with hot tar.
28117	No. 68 Seventh avenue.....		Rescinded.
450	No. 21 Monroe street.....		"
1531	No. 2121 First avenue.....		"
2118	No. 206 East Sixty-third street.....		"
2559	No. 113 West One Hundred and Twenty-seventh street.....		"
4218	No. 54 Spring street.....		"
4281	No. 19 Monroe street.....		"
4282	No. 21 Monroe street.....		"
4535	No. 462 Seventh avenue.....		"
5054	No. 2169 Second avenue.....		"
5236	No. 1855 First avenue.....		"
5500	No. 347 West Thirty-fifth street.....		"
6216	No. 2053 Second avenue.....		"
6407	Nos. 513-515 Sixth avenue.....		"
6793	No. 462 Seventh avenue.....		"
6984	No. 35 Oak street.....		"
7170	No. 166 Mulberry street.....		"
7597	No. 239 East Fifty-first street.....		"
19417	No. 462 Seventh avenue.....		"
23443	No. 609 Water street.....		"
27518	No. 253 West Ninety-first street.....		"
27964	No. 88 James street.....		"
28108	No. 88 James street.....		"
29678	No. 316 East Fifteenth street.....		"
29954	No. 174 West Ninety-sixth street.....		"
BOROUGH OF THE BRONX.			
60	Lot No. 64 Hunt's Estate.....		"

On motion, it was

Resolved, That the following applications for relief from orders be and are hereby denied:

No. OF ORDER.	ON PREMISES AT	No. OF ORDER.	ON PREMISES AT
BOROUGH OF MANHATTAN.			
4544	No. 337 West Twenty-fourth street.	6658	No. 189 West Eighty-ninth street.
4771	No. 647 East Thirtieth street.	6735	Nos. 1322-1326 Third avenue.
4991	No. 75 East One Hundred and Ninth street.	6736	
5476	No. 509 Sixth avenue.	6737	
5481	No. 48 East Thirtieth street.	7186	No. 243 West Seventy-sixth street.
5536	No. 335 East Thirty-first street.	7228	No. 241 West Seventy-sixth street.
5607	No. 232 East Eighty-sixth street.	29553	West side Audubon avenue, one house north of One Hundred and Sixty-seventh street.
5796	East side Seventh avenue, between One Hundred and Sixteenth and One Hundred and Seventeenth streets.		
BOROUGH OF THE BRONX.			
6271	No. 65 West One Hundred and Thirty-second Street.	107	North side Olin street, second house east of railroad.

## BOROUGH OF MANHATTAN.

1st. Weekly reports from the Assistant Sanitary Superintendent of the work performed in the Borough of Manhattan. Ordered on file.

## FIRST DIVISION.

## Division of Sanitary Inspection.

2d. Weekly reports of the Chief Inspector:

- (a) Weekly report of work performed by Sanitary Police.
  - (b) Weekly report on sanitary condition of manure dumps.
  - (c) Weekly report on sanitary condition of offal and night-soil dumps.
  - (d) Weekly report on sanitary condition of slaughter-houses.
- Ordered on file.

## SECOND DIVISION.

## Division of Contagious Diseases.

4th. Weekly reports of the Chief Inspector:

- (a) Monthly reports of charitable institutions.
  - (b) Report of inspection of discharged patients from Riverside Hospital.
- Ordered on file.

5th. Reports on applications for leave of absence.

On motion, it was

Resolved, That leave of absence be and is hereby granted as follows:

NAMES.	FROM	TO	REMARKS.
William Schlereth, M. D.....	March 17	March 17	
Alice Wilson.....	" 11	" 20	
Lawrence Spillane.....	" 17	" 17	

Report in respect to failure of the Home for the Friendless to file monthly medical report for February, 1899. Referred to the Corporation Counsel.

## THIRD DIVISION.

## Division of Food Inspection and Offensive Trades.

6th. Weekly report of the Chief Inspector. Ordered on file.

7th. Report of violations of section No. 63 of the Sanitary Code.

The Secretary was directed to notify the persons named in said report that a repetition of the offense will be sufficient cause for the revocation of their permits.

Report of seizure of a carcass of beef affected with tuberculosis at West Washington Market. The Secretary was directed to forward a copy of the report to the New York State Board of Health.

Report in respect to nuisance maintained on premises of the Champion Fertilizer Company. Fursman's Island, Borough of Queens. Referred to the Corporation Counsel.

Report in respect to complying with orders of the Board on plant of the New York Sanitary Utilization Company at Barren Island. Ordered on file.

Report in respect to progress of work on plant of the New York Sanitary Utilization Company on Barren Island. The Secretary was directed to notify the New York Sanitary Utilization Company to repair at once the plant for manufacturing hypochlorite of soda.



FOURTH DIVISION.

Division of Bacteriology.

9th. Weekly report of the Pathologist and Director of the Bacteriological Laboratories. Ordered on file.  
10th. Reports on applications for leave of absence.  
On motion, it was  
Resolved, That leave of absence be and is hereby granted as follows :

NAMES.	FROM	TO	REMARKS.
S. Pollitzer, M. D.	March 23	March 30	

FIFTH DIVISION.

Division of Medical Inspection of Schools.

11th. Weekly report of the Chief Inspector. Ordered on file.

BOROUGH OF THE BRONX.

Weekly reports from the Assistant Sanitary Superintendent of the work performed in the Borough of The Bronx. Ordered on file.

BOROUGH OF BROOKLYN.

Weekly reports from the Assistant Sanitary Superintendent of the work performed in the Borough of Brooklyn. Ordered on file.

BOROUGH OF QUEENS.

Weekly reports from the Assistant Sanitary Superintendent of the work performed in the Borough of Queens. Ordered on file.

BOROUGH OF RICHMOND.

Weekly reports from the Assistant Sanitary Superintendent of the work performed in the Borough of Richmond. Ordered on file.

BUREAU OF RECORDS.

The following Communications were Received from the Registrar of Records :

1st. Weekly report. Ordered on file.  
2d. Report on application to correct clerical errors.  
On motion, it was  
Resolved, That the Registrar of Records be and is hereby directed to amend the record of birth of Teodor Ernest Muhr, born September 5, 1871, to Feodor Ernest Muhr, the same being a clerical error.  
3d. Reports on applications to record corrected certificates.  
On motion, it was  
Resolved, That permission be and is hereby given to record corrected certificates relating to—

NAMES.	RETURN.	DATE.
Francis Adam Rullmann	Born	Nov. 15, 1898
Gilbert Allen Reeder	"	" 29, "
Viola Hermina Traenkle	"	Feb. 21, 1899
Margaret Broderick	"	" 27, "
Sophia Fernitz	Died	Nov. 30, 1896
George Wieland alias George Williams	"	April 26, 1897
John Reel	"	Feb. 12, 1899
Lewis D. Brokaw	"	Mar. 2, "
Bridget Brophy	"	" 9, "
Thomas J. Quilen	"	" 12, "
James King McElrath	"	" 16, "
Theodore A. Wadsworth	"	" 18, "

4th. Reports on applications to file delayed and imperfect certificates.  
On motion, it was  
Resolved, That the Registrar of Records be and is hereby directed to file in the volume of "Delayed and Imperfect Certificates" the following certificates :

NAMES	RETURN.	DATE.
Albert Sternfeld	Married	Aug. 26, 1892
Meyer Anchel	Born	Feb. 12, 1888
David Grossman	"	Oct. 20, "
Harry Grossman	"	Nov. 10, 1890
Willie Grossman	"	April 10, 1892
Therese Matrona Baia	"	Jan. 30, 1895
Daisy Magdalena Jesper	"	Feb. 2, "
Laura Pauline Flemming	"	Aug. 18, 1896
Minnie Bertha Jesper	"	Nov. 9, "
Onofra Di Martino	"	Aug. 9, 1897
Howard Howland Utter	"	Sept. 20, "

Miscellaneous Reports, Communications, etc.

The weekly statement of the Comptroller was received and ordered on file.  
The demand of Lawrence P. A. Magilligan, M. D., to be restored to the grade, position and pay of Sanitary Inspector was referred to the Sanitary Committee for report.  
The reports of special and regular meetings of the Medical Board of the Willard Parker and Riverside Hospitals were referred to the Sanitary Committee.  
A communication was received from the Comptroller requesting transmittal of certified copies of specifications of work or supplies, proposals for which are advertised for in the CITY RECORD, and ordered on file.  
A copy of a resolution adopted by the Commissioners of the Sinking Fund authorizing lease of premises No. 1237 Franklin avenue, Borough of The Bronx, was received and ordered on file.  
On motion, it was  
Resolved, That the Secretary be and is hereby directed to prepare specifications for coal for the Kingston Avenue Hospital, Borough of Brooklyn, and to advertise for bids for five hundred (500) tons in the CITY RECORD, as required by law.

On motion, it was  
Resolved, That the following-named Vaccinators be and are hereby transferred from the Division of Contagious Diseases to the Division of Medical School Inspection, Borough of Manhattan, with salary at the rate of \$30 per month, to date from March 21, 1899 :  
Arthur R. Braunlich. John Milton Williams. John E. W. Thompson.  
Thomas Peddie. Theodore I. Jacobus.

On motion, it was  
Resolved, That the salary of Nellie Brennan, a Cleaner in this Department, Borough of Manhattan, be and is hereby fixed at the rate of \$25 per month from March 1, 1899.

On motion, it was  
Resolved, That the salary of Mary McCaffery, a Cleaner in this Department, Borough of Manhattan, be and is hereby fixed at the rate of \$30 per month from March 1, 1899.

Resolved, That the pay-rolls of this Department for the month of March be and are hereby approved, and the President and Secretary directed to sign certificates and forward the same to the Comptroller for payment.

Resolved, That requisition be and is hereby made upon the Comptroller for the following sum of money, which is required to enable the Board of Health to pay to the Board of Police for the month of March the following amount for the salaries of officers and men detailed to the Board of Health, Borough of Manhattan, pursuant to the provisions of chapter 188, Laws of 1889 ; chapter 567, Laws of 1895, and sections 289 and 1324, chapter 378 of the Laws of 1897, being one-twelfth part of the amount estimated, levied, raised and appropriated for the support and maintenance of the Sanitary Company of Police during the current year, to wit :

1 Sergeant, from March 1 to March 31	\$166 66
2 Roundsmen, from March 1 to March 31	250 00
45 Patrolmen, from March 1 to March 31	5,250 00
	\$5,666 66

Resolved, That requisition be and is hereby made upon the Comptroller for the following sum of money, which is required to enable the Board of Health to pay to the Board of Police for the month of March the following amount for the salaries of officers and men detailed to the Board of Health, Borough of The Bronx, pursuant to the provisions of chapter 188, Laws of 1889, chapter 567, Laws of 1895, and sections 299 and 1324, chapter 378 of the Laws of 1897, being one-twelfth part of the amount estimated, levied, raised and appropriated for the support and maintenance of the Sanitary Company of Police, during the current year, to wit :

1 Roundsman, from March 1 to March 31	\$125 00
4 Patrolmen, from March 1 to March 31	466 66
	\$591 66

Resolved, That requisition be and is hereby made upon the Comptroller for the following sum of money, which is required to enable the Board of Health to pay to the Board of Police for the month of March the following amount for the salaries of officers and men detailed to the Board of Health, Borough of Brooklyn, pursuant to the provisions of chapter 188, Laws of 1889, chapter 567, Laws of 1895, and sections 299 and 1324, chapter 378 of the Laws of 1897, being one-twelfth part of the amount estimated, levied, raised and appropriated for the support and maintenance of the Sanitary Company of Police during the current year, to wit :

1 Roundsman, from March 1 to March 31	\$125 00
24 Patrolmen, from March 1 to March 31	2,800 00
1 Patrolman, from February 22 to March 31	145 83
	\$3,070 83

Resolved, That requisition be and is hereby made upon the Comptroller for the following sum of money, which is required to enable the Board of Health to pay to the Board of Police for the month of March the following amount for the salaries of officers and men detailed to the Board of Health, Borough of Queens, pursuant to the provisions of chapter 188, Laws of 1889, chapter 567, Laws of 1895, and sections 299 and 1324, chapter 378 of the Laws of 1897, being one-twelfth part of the amount estimated, levied, raised and appropriated for the support and maintenance of the Sanitary Company of Police during the current year, to wit :

5 Patrolmen, from March 1 to March 31	\$583 33
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Resolved, That requisition be and is hereby made upon the Comptroller for the following sum of money, which is required to enable the Board of Health to pay to the Board of Police for the month of March the following amount for the salaries of officers and men detailed to the Board of Health, Borough of Richmond, pursuant to the provisions of chapter 188, Laws of 1889, chapter 567, Laws of 1895, and sections 299 and 1324, chapter 378 of the Laws of 1897, being one-twelfth part of the amount estimated, levied, raised and appropriated for the support and maintenance of the Sanitary Company of Police during the current year, to wit :

1 Roundsman, from March 1 to March 31	\$125 00
5 Patrolmen, from March 1 to March 31	583 33
	\$708 33

On motion, the Board adjourned to Wednesday, March 29, 1899, at 10 o'clock A. M.

C. GOLDBERMAN, Secretary pro tem.

BOARDS OF LOCAL IMPROVEMENTS.

TWENTY-FIRST DISTRICT, BOROUGH OF THE BRONX.

MINUTES.

Pursuant to call by President Haffen, the members of the Local Board, Twenty-first District, met at 2 P. M., April 6, 1899, at the office of the President of the Borough of The Bronx, Municipal Building, Crotona Park.

Present—President Haffen, Councilman Hottenroth, Councilman Murray, Alderman McGrath and Alderman Geiger.

Minutes of previous meeting read and adopted.

HEARINGS.

St. Mary's Street, Sewer, from Robbins Avenue to Cypress Avenue.

Petition of the William R. Beal Land Improvement Company, dated March 22 last, was read.  
On motion of Councilman Murray, it was  
Resolved, That this Board hereby recommends to the Board of Public Improvements that a sewer be constructed in St. Mary's street, from Robbins avenue to Cypress avenue, and that a copy of this resolution be transmitted forthwith to the said Board of Public Improvements.

East Two Hundred and Second Street, Regulating, etc., from Anthony Avenue to Briggs Avenue.

Petition of C. F. Langschmidt and others was read.  
On motion of Alderman Geiger, it was  
Resolved, That this Board hereby recommends to the Board of Public Improvements that East Two Hundred and Second street be regulated and graded, curbstones set, sidewalks flagged a space four feet wide through the centre thereof, crosswalks laid and fences erected where necessary, trees planted on the sidewalks, and the roadway be paved with Telford macadam, from Anthony avenue to Briggs avenue, and that a copy of this resolution be transmitted forthwith to the said Board of Public Improvements.

Laid Over.

The following matters were called up and laid over :

Asphalting One Hundred and Thirty-seventh street, from Alexander to Willis avenue.  
Asphalting One Hundred and Forty-first street, from Third to Willis avenue.  
Asphalting One Hundred and Thirty-sixth street, from Third to Lincoln avenue.  
Asphalting One Hundred and Sixty-eighth street, from Boston road to Tinton avenue.  
Asphalting One Hundred and Sixty-sixth street, from Boston road to Prospect avenue.  
Asphalting One Hundred and Seventieth street, from Bristow street to Prospect avenue.

Beach Avenue, Macadamizing, from One Hundred and Forty-ninth to One Hundred and Forty-fifth Street.

Petition of George Beller and others was read, stating that they desired the work done from the Maintenance Fund of the Department of Highways. On motion of Alderman McGrath, Councilman Murray was appointed a Committee to report upon the matter.

Location of Municipal Offices, Stables, Yards, Terms of Leases, etc., in the Borough of The Bronx.

On motion of Councilman Hottenroth, the following was adopted :

Resolved, That the Secretary of this Board be and he is hereby directed to communicate with all the heads of departments of the City Government and ascertain the location of their offices in this borough, the term of lease, where a lease exists and the amount of rent, if any, paid ; as well as the location of the stables, yards, etc., with the term of lease, rent, etc., in each case.

The following preamble and resolution were presented by Councilman Murray, seconded by Councilman Hottenroth, were adopted :

Whereas, A large amount of money has been paid to The City of New York for assessments since January 1, 1898, for work authorized previous to consolidation ; and

Whereas, The Local Board of the Twenty-first District has, during the year 1898, on petition of property-owners, after due consideration, recommended to the Board of Public Improvements the regulating and grading of thirty-five streets and avenues ; the paving of twenty-eight streets and avenues ; the construction of forty-six sewers, including branches, etc., all of which improvements are to be paid for by assessment on the property benefited ; and

Whereas, Not one of the above number of proposed improvements has been approved by the Board of Public Improvements with the exception of some sewers costing about one hundred and eighty thousand dollars ; and

Whereas, It is alleged that resolutions authorizing these proposed improvements are not passed by the Board of Public Improvements on account of funds not being available ; and

Whereas, The Board of Estimate and Apportionment and the Comptroller have not ordered nor issued any bonds since January 1, 1898, for new improvements, and, as we believe, that permanent improvements asked for by the people should receive prompt and final consideration, and as Corporate Stock Bonds have been authorized to be issued and are continually being issued for other purposes than street improvements ;

Resolved, That we request the Board of Estimate and Apportionment and the proper authorities to consider the matter of permanent improvements of streets as petitioned for by property-owners to be paid for by assessment and to authorize and issue bonds for that purpose.

Street Openings.

On motion of Councilman Murray the following preamble and resolution were adopted :

Whereas, Many property-owners are complaining that street opening proceedings are not progressing as fast as they might, and



Whereas, In some instances no action whatever appears to have been taken; therefore be it Resolved, That the Corporation Counsel be and he is hereby requested to take such action as will lead to the completion as soon as possible of all proceedings pending in the Borough of The Bronx, and that he be and he is hereby requested to take immediate action toward the appointment of the Commissioners in all street opening proceedings affecting this borough in which Commissioners have not been appointed, although the acquisition of title on the part of the city has been long since authorized, and that the Secretary be directed to forward a copy of the foregoing preamble and resolution to the Corporation Counsel.

*Bensonia Cemetery.*

Councilman Murray called attention to the condition of this property and, on his motion, it was resolved that a hearing be given on the question of fencing it, and that notice of said hearing be advertised in the CITY RECORD.

Adjournment.

JOSEPH P. HENNESSY, Secretary.

BOARD OF LOCAL IMPROVEMENTS.

TWENTY-SECOND DISTRICT, BOROUGH OF THE BRONX.

Present—President Haffen, Councilman Hyland and Alderman Gass.

*Rosedale Avenue, Lighting, at Mansion Street, etc.*

Petition of the Mapes Estate Property-owners' Association was read.  
On motion of Alderman Gass, it was

Resolved, That this Board hereby recommends to the Board of Public Improvements that three electric-lights be placed on Rosedale avenue, one at the corner of Mansion street, one at the corner of Merrill street and one at the south end of Rosedale avenue; also that the present lamp on pole at north end of Rosedale avenue be placed on pole so it will light Rosedale avenue.

*Unionport Road, Macadam, from Morris Park Avenue to New Haven Railroad Bridge.*

This matter was recommended to the Department of Highways, Borough of The Bronx.

*Williamsbridge and Woodlawn, Lighting.*

Petition of Williamsbridge Improvement League, dated March 22, 1899, was read.

On motion of Councilman Hyland, it was

Resolved, That this Board hereby recommends to the Board of Public Improvements that gas-mains be laid, lamp-posts erected, gas-lamps placed thereon, lighted and maintained on the following streets and avenues, as petitioned for, viz.:

White Plains road, between Fifteenth avenue and Sheridan street.  
Barker avenue, between Duncomb avenue and Morris street.  
Duncomb avenue, between Elliott avenue and Barker avenue.  
Newell avenue, between Julianna street and Elizabeth street.  
Morris street, between White Plains road and Barker street.  
Elizabeth street, between White Plains road and Newell avenue.  
Julianna street, between White Plains road and Newell avenue.  
In Bronx Wood Park, namely, Locust, Elon, North Oak Drive, South Oak Drive, Hickory avenue, North Chestnut Drive and South Chestnut Drive.  
Bartholdi street, between White Plains road and Cedar avenue.  
Olin avenue, between Bronx river and White Plains road.  
Briggs street, between White Plains road and Sixth avenue.  
Logan street, between White Plains road and Maple avenue.  
Arthur street, between Fourth avenue and Sixth avenue.  
Jerome street, between White Plains road and Fourth avenue.  
Sheil street, between Fourth avenue and Sixth avenue.  
First street, between White Plains road and Sixth avenue.  
Second street, between Second avenue and Sixth avenue.  
Third street, between White Plains road and Sixth avenue.  
Fourth street, between White Plains road and Sixth avenue.  
Fifth street, between Second avenue and Sixth avenue.  
Sixth street, between Second avenue and Fifth avenue.  
Seventh street, between Second avenue and Fifth avenue.  
Eighth street, between Second avenue and 600 feet east of Fourth avenue.  
Ninth street, between Second avenue and 600 feet east of Fourth avenue.  
Tenth street, between Second avenue and Fifth avenue.  
Eleventh street, between Second avenue and Fifth avenue.  
Twelfth street, between Second avenue and Fifth avenue.  
Thirteenth street, between Second avenue and Fifth avenue.  
Fourteenth street, between Second avenue and Sixth avenue.  
Fifteenth street, between Second avenue and Sixth avenue.  
Sixth avenue, between Fifth street and Briggs avenue.  
Fifth avenue, between Fifteenth street and Tenth street, and between Seventh street and Briggs avenue.  
Fourth avenue, between Fifteenth street and Briggs avenue.  
Maple avenue, between First street and Briggs avenue.  
Prospect terrace, between Fifteenth street and Twelfth street.  
Park avenue, between Fifth street and Olin avenue.  
Second place, between Flower street and a point 700 feet north of Second street.  
Second avenue, between Bronx river and Fifteenth avenue.  
Flower street, between Second avenue and White Plains road.

*Street Improvement, East of Bronx River.*

Councilman Hyland brought up the question of street improvement for the section east of the Bronx river. He said that he understood that it was proposed to take up the question of laying out White Plains road first. Councilman Hyland believed that the recommendation of the Local Board ought be considered in matters of this kind, and on his motion, seconded by Alderman Gass, it was

Resolved, That the opening and improvement of streets east of the Bronx river be taken up in the following order:

1st. Westchester avenue; 2d. White Plains road; 3d. Eastern Boulevard; 4th. West Farms road; 5th. Tremont avenue (east of Bronx river), and it is hereby so recommended to the Board of Public Improvements.

*Bronx and Pelham Parkway.*

Councilman Hyland brought up the question of the improvement of Bronx and Pelham Parkway. On his motion, seconded by Alderman Gass, it was

Resolved, That this Board hereby requests the Commissioner of Parks, Borough of The Bronx, that the improvement of Bronx and Pelham parkway be improved and extended to Pelham Bay Park.

Adjournment.

JOSEPH P. HENNESSY, Secretary.

BOARD OF LOCAL IMPROVEMENTS.

FIRST DISTRICT, BOROUGH OF RICHMOND.

The Local Board, First District, Borough of Richmond, The City of New York, met in the Borough Office, in the First National Bank Building, at St. George, in said borough, on Tuesday, March 21, 1899, at 10 o'clock in the forenoon.

The roll was called and the following members were present and answered to their names:

Councilman Bodine, Councilman O'Grady and President Cromwell.

The minutes of the meeting of February 28, 1899, were duly approved.

The following resolution in regard to Petition No. 32 was offered by Councilman O'Grady and unanimously adopted:

Resolved, That the Local Board, First District, Borough of Richmond, hereby recommends to the Board of Public Improvements that proceedings be initiated to extend the sewer now laid on Lafayette avenue along said avenue from its present termination at the intersection of Prospect avenue with said Lafayette avenue three hundred and twenty-five feet.

The following resolution in regard to Petition No. 33 was offered by Councilman O'Grady and unanimously adopted:

Whereas, It appears to this Board that a large tract of salt marsh, situated in the vicinity of New Dorp, in the Fourth Ward of the Borough of Richmond, and near one of the most desirable residence portions of said borough and adjacent to popular beaches, excellent truck gardens and a large number of residences, can be redeemed if a flood-gate dyke or some similar structure be constructed across the mouth of New creek in said ward, and

Whereas, It appears that the lowering of the tide-water level caused by the construction of the said flood-gate dyke would abolish the nuisances and pests which the said marshes occasion and would be a great benefit to all who reside in the vicinity, or who frequent the beaches or use the roads and streets in that portion of the borough, and

Whereas, It appears that the cost of the construction of such flood-gate dyke or other structure would probably not exceed five thousand dollars (\$5,000), a comparatively small sum when the benefit to the public is taken into consideration; now, therefore, be it

Resolved, That the Local Board, First District, Borough of Richmond, hereby recommends to the Board of Public Improvements that proceedings be initiated by the proper authorities to construct a flood-gate dyke, or such other structure as to such authorities shall seem most suitable, across the mouth of said New creek in the Fourth Ward of the borough.

The following resolution in regard to Petition No. 34 was offered by Councilman Bodine and unanimously adopted:

Resolved, That the Local Board, First District, Borough of Richmond, hereby recommends to the Board of Public Improvements that proceedings be initiated to extend Second street in the Fourth Ward of the borough in a northerly direction to intersect with Maryland avenue in said ward.

A letter of Hon. Henry P. Morrison, Deputy Commissioner and Chief Engineer, dated March 3, 1899, referring to the extension of Amos street in the Fourth Ward of the borough, was read, and, on motion of Councilman O'Grady, the Secretary was instructed to communicate with Capt. William Cole and to inform him as to the procedure to be adopted by him in order to have proceedings initiated to make the proposed extension.

The letter of Hon. Henry P. Morrison, Deputy Commissioner and Chief Engineer, dated February 8, 1899, concerning the construction of a sidewalk on Nicholas street, in the First Ward of the borough, was read, and, on motion of Councilman O'Grady, the Secretary was instructed to communicate the contents of said letter to the Secretary of the Staten Island Club.

The letter of Hon. James P. Keating, Commissioner of Highways, dated March 7, 1899, referring to the condition of the sidewalks in front of the premises of Archibald Fulton, was read and ordered on file.

On motion, the meeting adjourned.

ALBERT E. HADLOCK, Secretary.

DEPARTMENT OF HIGHWAYS.

*Supervisor of the City Record:*

DEAR SIR—In accordance with the provisions of section 1546, chapter 378 of the Laws of 1897, I transmit the following report of the transactions of the Department of Highways for the week ending March 25, 1899.

Respectfully,

JAMES P. KEATING, Commissioner of Highways.

	BOROUGH.				
	MANHATTAN.	THE BRONX.	BROOKLYN.	QUEENS.	RICHMOND.
<i>Public Moneys Received during the Week.</i>					
For restoring and re-paving pavement...					
{ Water connections, openings .....		\$32 00	\$450 00	\$50 00	.....
{ Sewer connections, openings .....		250 00	163 00	56 00	.....
{ General account.....		\$1,432 50	16 62	18 00	.....
For vault permits.....		500 50	457 00	.....	.....
Total.....	\$1,933 00	\$298 62	\$1,128 00	\$106 00	.....
<i>Permits Issued.</i>					
Permits to open streets, to tap water-pipes .....					
Permits to open streets, to repair water connections	81	109	213	26	29
Permits to open streets, to make sewer connections					
Permits to open streets, to repair sewer connections					
Permits to place building material on streets.....	101	24	29	1	3
Permits to construct street vaults.....	3	.....	6	.....	.....
Permits, special.....	.....	56	164	26	18
Permits to construct sheds.....	11	.....	.....	.....	.....
Permits to erect awnings.....	.....	.....	2	.....	.....
Permits to cross sidewalks .....	25	13	24	1	.....
<i>Obstructions Removed.</i>					
Obstructions removed from various streets and avenues .....	13	.....	20	.....	.....
<i>Repairs to Pavement.</i>					
Square yards of pavement repaired .....	4,514	174	2,283	271	350

*Statement of Laboring Force Employed in the Department of Highways during Week ending March 25, 1899.*

NATURE OF WORK.	BOROUGH.															
	MANHATTAN.				THE BRONX.				BROOKLYN.				QUEENS.			
	Mechanics.	Laborers.	Teams.	Carts.	Mechanics.	Laborers.	Teams.	Carts.	Mechanics.	Laborers.	Teams.	Carts.	Mechanics.	Laborers.	Teams.	Carts.
Repaving and renewal of pavements	203	195	4	63	..	15	..	3	..	..	..	..	..	..	..	..
Boulevards, roads and avenues, } maintenance of.....	62	70	6	6	13	275	19	..	32	135	..	16	..	..	..	..
Roads, streets and avenues.....	14	21	2	1	..	..	..	..	54	..	2	50	131	11	45	..
Total .....	279	286	12	70	13	290	19	3	32	189	..	18	50	131	11	45

Requisitions drawn on Comptroller ..... \$68,533 66

CHANGES IN STAFF OF EMPLOYEES.

*Borough of Manhattan.*

Reappointed—1 Paver, 2 Laborers.

*Borough of The Bronx.*

Appointed—2 Assistant Foremen.

*Borough of Queens.*

Appointed—1 Foreman, 1 Laborer.

*Borough of Richmond.*

Resigned—1 Laborer.



## DEPARTMENT OF WATER SUPPLY.

DEPARTMENT OF WATER SUPPLY—COMMISSIONER'S OFFICE,  
NO. 150 NASSAU STREET,  
NEW YORK, April 7, 1899.

In compliance with section 1546 of the Greater New York Charter, the Department of Water Supply makes the following report of its transactions during the week ending March 25, 1899:

PUBLIC MONEYS RECEIVED AND DEPOSITED.  
*Boroughs of Manhattan and The Bronx.*

Receipts for water rents.....	\$77,798 50
" penalties on water rents.....	156 90
" permits to tap water-mains.....	423 50
	<hr/>
	\$78,378 90

*Borough of Brooklyn.*

Receipts for water rents.....	\$51,887 63
" arrears of water rents.....	2,246 78
" permits to tap water-mains.....	207 25
" water for building purposes.....	206 65
Receipts, miscellaneous.....	7 33
	<hr/>
	\$54,555 64

*Borough of Queens.*

Receipts for water rents.....	\$412 62
" penalties on water rents.....	11 90
" permits to tap water-mains.....	5 00
	<hr/>
	\$429 52

*Borough of Richmond.*

Receipts for water rents.....	\$1 00
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## CHANGES IN THE WORKING FORCE.

*Boroughs of Manhattan and The Bronx.*

Appointed—1 Machinist's Helper and 1 Laborer.  
Reinstated—1 Team, 1 horse and wagon and 1 laborer.

*Borough of Brooklyn.*

Appointed—9 Cleaners.  
Reinstated—2 Oilers, 1 Toolman and 1 Laborer.  
Resigned—1 Painter.  
Deceased—1 Toolman.

WILLIAM DALTON, Commissioner of Water Supply.

## DEPARTMENT OF BUILDINGS.

## BOROUGH OF MANHATTAN AND THE BRONX.

IN BOARD OF EXAMINERS, MARCH 28, 1899.

The Board of Examiners met this day at 3.19 P. M.  
Present—Thomas J. Brady, Commissioner of Buildings for the boroughs of Manhattan and The Bronx (in the chair), and Messrs. Dobbs, Moore, Conover, Bonner, O'Reilly, Fryer and McMillan.

Absent—Mr. Post.

The minutes of March 21, 1899, were read, and, on motion, approved.

Petitions were then submitted for approval, as follows:

Plan 316, Alterations to Buildings, 1899—Petition to allow the iron stairs from the first floor of No. 650 Madison avenue to the yard of No. 648 to be inclosed with an iron frame covered with galvanized iron and glazed sash, as shown on plans and as stated in petition; No. 648 Madison avenue. Petitioner, Raleigh C. Gildersleeve. Approved.

Plan 34, New Buildings, 1899—Petition to allow the Bailey system of fireproof floor filling to be used in place of brick arches; the lower flanges of steel beams on first story of building to be covered underneath with wire lath, as stated in petition; No. 832 Amsterdam avenue. Petitioners, Cumming & Ferguson. Approved.

Plan 68A, New Buildings, 1899—Petition to allow the J. W. Rapp system of fireproof floor construction to be used for the first floor of buildings, as stated in petition; south side of One Hundred and Forty-fourth street, 100 feet west of Third avenue. Petitioners, Ragette & Wolf. Approved, on condition that the soffits of iron beams are protected by wire lath and plaster.

Plan 116, New Buildings, 1899—Petition to allow the J. W. Rapp system of fireproof floor construction to be used for the first floor of building, as stated in petition; northwest corner of Boulevard and Eighty-first street. Petitioner, George Frederick Pelham. Approved, on condition that the soffits of iron beams are protected by wire lath and plaster.

Plan 136A, New Buildings, 1899—Petition to allow building to be erected 38 feet high above curb, instead of 35 feet, as stated in petition; west side of Bathgate avenue, 176 feet north of One Hundred and Eighty-second street. Petitioner, Neils Toelberg. Approved.

Plan 143, New Buildings, 1899—Petition to allow the entrance hall to be constructed of 4-inch by 18-pound steel beams, 4 feet on centres, and filled in with 4-inch terra-cotta blocks plastered on both sides; ceiling to be constructed of 2-inch tees, 12 inches on centres, and filled in with 2-inch terra-cotta blocks and plastered, as stated in petition; south side of One Hundred and Fourteenth street, 205 feet west of Second avenue. Petitioner, Franklin Baylies. Approved, on condition that the cross partitions back of dumbwaiters, on all stories, be made fireproof.

Plan 146, New Buildings, 1899—Petition to allow the bay-windows on the Broadway front of two houses, extending from the third to the fifth story, to be constructed of tee and angle irons, filled in with fireproof blocks and covered with galvanized iron, as stated in petition; west side of Boulevard, One Hundred and Forty-eighth to One Hundred and Forty-ninth street. Petitioners, Buchman & Deisler. Approved.

Plan 164, New Buildings, 1899—Petition to allow the main entrance hall to be constructed of 4-inch I beams, set 30 inches on centres, filled in with 4-inch-thick hollow fire-clay blocks, and wire-lathed and plastered; also ceiling of main hall to be constructed of 2 inch by 2 inch angles set 24 inches on centres, filled in with 2-inch-thick hollow fire-clay blocks, and wire-lathed and plastered on under side; also to allow 8-inch 18-pound I-beam girder with 5 inches diameter by 3/4-inch fireproof cast-iron column to be placed in rear part of cellar, in place of an 8-inch brick wall, all as stated in petition; Nos. 250 and 252 East Fourth street. Petitioner, M. Bernstein. Approved.

Plan 170A, New Buildings, 1899—Petition to allow building to be erected 38 feet in height, instead of 35 feet, as stated in petition; west side of Monroe avenue, 200 feet north of One Hundred and Seventy-fourth street. Petitioner, W. C. Dickerson. Approved.

Plan 199, New Buildings, 1899—Petition to allow the main entrance hall partitions to be constructed of 4-inch angles, T's or channels, placed 2 feet apart, securely braced and fastened, and filled in with 4-inch brick, hollow burnt fireproof or porous terra-cotta blocks; ceilings to be constructed of 2-inch channels or T's, filled in with 2-inch hollow burnt fireproof blocks, as stated in petition; No. 1654 Third avenue. Petitioners, Schneider & Herter. Approved.

Plan 203, New Buildings, 1899—Petition to allow the main entrance hall partitions to be constructed of 4-inch angles, T's or channels, placed 2 feet apart, securely braced and fastened, and filled in with 4-inch brick, hollow burnt fireproof or porous terra-cotta blocks; ceilings to be constructed of 2-inch channels or T's filled in with 2-inch hollow burnt fireproof blocks, as stated in petition; No. 86 Cannon street. Petitioners, Schneider & Herter. Approved.

Plan 209, New Buildings, 1899—Petition to allow a span of 28 feet in front portion of building, the walls in this portion being increased 4 inches in thickness and not having any openings in same; the two centre partitions on first story, from front door back to stairs, will be brick-filled; also to allow steel beams and cast-iron columns to be placed under first tier of beams in cellar, in place of 8-inch brick wall, all as shown on plans and as stated in petition; south side of Ninety-sixth street, 80 feet west of First avenue. Petitioners, Neville & Bagge. Approved.

Plan 218, New Buildings, 1899—Petition to allow the erection of a one-story frame building, the same to be used for repairs to boats, and the working of spars for boats, derricks, etc., as stated in petition; northeast corner of Eighth avenue and One Hundred and Fifty-seventh street. Petitioner, Norman W. Biggart. Approved, on recommendation of Mr. McMillan.

Plan 227, New Buildings, 1899—Petition to allow the first story hall partitions to be constructed with uprights, T's, channels and angles of not less than 4 inches, properly braced and set not more than 30 inches on centres, filled in between solid with burnt clay blocks, porous terra-cotta or hard-burnt brick of not less than 4-inches thickness, and plastered on both sides; ceilings to be constructed of not less than 2-inch T's, angles or channels, set not more than 2 feet apart, well braced and filled in between solid with burnt clay blocks, as stated in petition; No. 50 Roosevelt street. Petitioner, Louis F. Heinecke. Approved, on condition that ceiling blocks are 2 inches thick.

Plan 234, New Buildings, 1899—Petition to allow the first story entrance halls to be inclosed by fireproof partitions constructed of 4-inch I beams and channels set not more than 30 inches on centres, properly braced and built in with 4-inch hard-burnt brickwork, and plastered on both sides; ceilings to be constructed of 2-inch hard-burnt blocks, supported by 2-inch T's, laid 2 feet apart and plastered on under side; also to allow steel floor beams in rear part of basement in corner building to be supported by a steel girder and cast-iron posts, instead of an 8-inch brick wall, as stated in petition; Nos. 14 and 16 Jackson street. Petitioners, Horenburger & Straub. Approved.

Plan 235, New Buildings, 1899—Petition to allow steel girders of proper strength to be used in cellar in place of 8-inch fore and aft partition walls, as shown on iron-tier plan and as stated in petition; northeast corner of Broadway and One Hundred and Thirteenth street. Petitioner, Henry Andersen. Approved.

Plan 246A, New Buildings, 1899—Petition to allow two frame buildings to be erected 37 feet 6 inches in height, instead of 35 feet, as stated in petition; west side of Clinton avenue, 202 feet north of One Hundred and Sixty-ninth street. Petitioner, J. H. Lavelle. Approved.

Plan 247, New Buildings, 1899—Petition to allow the first story entrance hall to be inclosed by fireproof partitions constructed of 4-inch I beams, and channels set not more than 30 inches on centres, properly braced and built in with 4-inch hard-burnt brickwork, and plastered on both sides; ceiling to be constructed of 2-inch T's laid 2 feet apart and plastered on under side; also to allow staircase wall in second story at light court to be built of brick 12 inches thick and laid in cement mortar; said wall will not be over 53 feet high from second floor to roof, and non-bearing, as stated in petition; No. 251 East Seventh street. Petitioners, Horenburger & Straub. Approved, on condition that ceiling blocks are 2 inches thick, of burnt clay.

Plan 274, New Buildings, 1899—Petition to allow cast-iron columns and steel girders to be erected in part of basement where span exceeds 18 feet, in place of an 8-inch brick fore and aft partition wall, as shown on plans and as stated in petition; No. 125 East Eighty-third street. Petitioner, George Fred. Pelham. Approved.

Plan 285, New Buildings, 1899—Petition to allow the omission of an 8-inch-thick partition wall in cellar as stated in petition; southwest corner of Fifty-first street and Tenth avenue. Petitioner, James W. Cole. Approved.

Plan 435A, New Buildings, 1898—Petition to allow Duffy's plaster boards to be used on cellar ceilings, in place of metal lath, as stated in petition; south side Southern Boulevard, 120 feet west Briggs avenue. Petitioner, F. L. Blom. Approved.

Mr. McMillan here entered.

Plan 723, New Buildings, 1898—Petition to allow the cellar stairs to be placed under the main stairs, inasmuch as said main stairs are entirely fireproof throughout, being inclosed with brick walls on every story; also to allow iron columns and girders to be used in cellar, in place of 8-inch brick walls, all as stated in petition; north side of Ninety-fifth street, 100 feet west of Madison avenue. Petitioners, Neville & Bagge. Approved as to use of iron columns and girders in cellar. Approved as to location of cellar stairs on condition that 4 openings marked "A" on basement plans are provided with self-closing fireproof doors. Messrs. Bonner and Moore voting no.

Plan 759A, New Buildings, 1898—Petition to allow cellar ceilings to be fireproofed with Duffy's plaster boards instead of wire lath, as stated in petition; east side Lincoln street, 175 feet north of Morris Park avenue. Petitioner, Thomas Scott. Approved.

Plan 760A, New Buildings, 1898—Petition to allow the cellar ceiling to be fireproofed with Duffy's plaster boards and plaster instead of metal lath and plaster, as stated in petition; east side Louise street, 150 feet north of Morris Park avenue. Petitioner, Thomas Scott. Approved.

Plan 761A, New Buildings, 1898—Petition to allow cellar ceiling to be fireproofed with Duffy's plaster boards instead of wire lath, as stated in petition; west side and east side of Jefferson street, 200 feet and 150 feet north of Morris Park avenue. Petitioner, Thomas Scott. Approved.

Plan 762A, New Buildings, 1898—Petition to allow the cellar ceiling to be fireproofed with Duffy's plaster boards and plaster instead of metal lath and plaster, as stated in petition; west side Victor street, 125 feet north Morris Park avenue. Petitioner, Thomas Scott. Approved.

Plan 783A, New Buildings, 1898—Petition to allow the cellar ceiling to be fireproofed with Duffy's plaster boards and plaster instead of metal lath and plaster, as stated in petition; east side Victor street, 225 feet north Morris Park avenue. Petitioner, Thomas Scott. Approved.

Plan 784A, New Buildings, 1898—Petition to allow cellar ceilings to be fireproofed with Duffy's plaster boards instead of wire lath, as stated in petition; east side Lincoln street, 325 feet north of Morris Park avenue. Petitioner, Thomas Scott. Approved.

Plan 785A, New Buildings, 1898—Petition to allow cellar ceilings to be fireproofed with Duffy's plaster boards instead of wire lath, as stated in petition; east side and west side Jefferson street, 225 feet and 300 feet north of Morris Park avenue. Petitioner, Thomas Scott. Approved.

Plan 878A, New Buildings, 1898—Petition to allow cellar ceilings to be fireproofed with Duffy's plaster boards and plaster, instead of metal lath and plaster, as stated in petition; east side of Hancock street, 325 feet south of Columbus avenue. Petitioner, Thomas Scott. Approved.

Plan 879A, New Buildings, 1898—Petition to allow cellar ceilings to be fireproofed with Duffy's plaster boards and plaster instead of metal lath and plaster, as stated in petition; east side of Van Buren street, 150 feet north of Columbus avenue. Petitioner, Thomas Scott. Approved.

Plan 902A, New Buildings, 1898—Petition to allow building to be erected 37 feet 6 inches in height instead of 35 feet, as stated in petition; southwest corner of Union avenue and One Hundred and Fifty-first street. Petitioner, Edward Wenz. Approved.

Plan 926A, New Buildings, 1898—Petition to allow Duffy's plaster board to be used on cellar ceilings, instead of metal lath, as stated in petition; northeast corner of Topping street and One Hundred and Seventy-third street. Petitioner, Thomas Morgan.

Plan 927A, New Buildings, 1898—Petition to allow Duffy's plaster board to be used on cellar ceilings instead of metal lath, as stated in petition; north side One Hundred and Seventy-third street, 21 feet east of Topping street. Petitioner, Thomas Morgan. Approved.

Plan 941, New Buildings, 1898—Petition to allow the cellar stairs to be placed under the main stairs, inasmuch as said main stairs are entirely fireproof throughout, being inclosed with brick walls on every story; also to allow iron columns and girders to be used in cellar, in place of 8-inch brick walls, all as stated in petition; southwest corner of Western Boulevard and One Hundred and Second street. Petitioners, Neville & Bagge. Denied.

Plan 948, New Buildings, 1898—Petition to allow the Bailey system of fireproof floor filling to be used in place of brick arches; the lower flanges of steel beams of first story of building to be covered underneath with wire lath as stated in petition; north side of Ninety-second street, 175 feet west of Central Park, West. Petitioners, Paul B. Pugh & Co. Approved.

Plan 1003A, New Buildings, 1898—Petition to allow cellar ceiling to be fireproofed with Duffy's plaster boards and plaster instead of metal lath and plaster, as stated in petition; west side of Taylor street, 275 feet south of Morris Park avenue. Petitioner, Thomas Scott. Approved.

Plan 1029, New Buildings, 1898—Petition to allow the Bailey system of fireproof floor filling to be used in place of brick arches; the lower flanges of steel beams on first story of building to be covered underneath with wire lath, as stated in petition; east side of Fifth avenue, 75 feet south of One Hundred and Fifteenth street. Petitioner, Robert Ferguson. Approved.

Plan 802, New Buildings, 1898—Petition to allow the J. W. Rapp system of fireproof floor construction to be used for the first floor of buildings, as stated in petition; southeast corner of One Hundred and Seventeenth street and Fifth avenue. Petitioner, William Drought. Approved, on condition that the soffits of iron beams are protected by wire lath and plaster. Mr. McMillan voting no.

Plan 179, New Buildings, 1899—Petition to allow the J. W. Rapp system of fireproof floor construction to be used for the first floor of buildings, as stated in petition; Nos. 212, 214 and 216 East Fifteenth street. Petitioner, Herbert Drosser. Approved, on condition that the soffits of iron beams are protected by wire lath and plaster. Mr. McMillan voting no.

Plan 333, New Buildings, 1898—Petition to allow the J. W. Rapp system of fireproof floor construction to be used for the first floor of buildings, as stated in petition; northeast corner of Amsterdam avenue and One Hundred and Thirty-first street. Petitioners, Neville & Bagge. Approved, on condition that the soffits of iron beams are protected by wire lath and plaster. Mr. McMillan voting no.

Plan 151A, New Buildings, 1898—Petition to allow the J. W. Rapp system of fireproof floor construction to be used for the first floor of buildings, as stated in petition; south side One Hundred and Forty-second street, 100 feet 7 3/4 inches west of St. Ann's avenue. Petitioner, Charles Lane. Approved, on condition that the soffits of iron beams are protected by wire lath and plaster. Mr. McMillan voting no.

Plan 975, New Buildings, 1898—Petition to allow the J. W. Rapp system of fireproof floor construction to be used for the first floor of buildings, as stated in petition; west side of Madison avenue, from One Hundred and Nineteenth to One Hundred and Twentieth street. Petitioner, George F. Pelham. Approved, on condition that the soffits of iron beams are protected by wire lath and plaster. Mr. McMillan voting no.

Plan 556A, New Buildings, 1898—Petition to allow the J. W. Rapp system of fireproof floor construction to be used for the first floor of buildings as stated in petition; south side One Hundred and Forty-second street, 140 feet 7 3/4 inches west of St. Ann's avenue. Petitioner, Charles Lane. Approved, on condition that the soffits of iron beams are protected by wire lath and plaster. Mr. McMillan voting no.

Petition for exemption from fireproof shutters on three stories of frame house, for reasons as stated in petition; No. 90 Thompson street and No. 414 West Broadway. Petitioner, Mrs. A. Ketterer. Petition denied on recommendation of Mr. Conover.



Petition for exemption from fireproof shutters on the upper stories of the easterly wall, for reasons as stated in petition; Nos. 92 and 94 Liberty street. Petitioner, Charles S. Brown. Petition granted on recommendation of Mr. Conover.

Petition for exemption from fireproof shutters on the rear wall of the four stories of building, for reasons as stated in petition; No. 22 Ann street. Petitioner, Henry C. Hollwedel. Petition denied on recommendation of Mr. Conover.

Petition for reconsideration of the action of the Board of Examiners so as to exempt the windows of the north courts above the ninth story from fireproof shutters; Nos. 320 and 324 Broadway. Petitioners, Central Syndicate Building Company. Petition reconsidered and granted on condition that the windows above the ninth story be protected by sash with small plate glass or prism glass, with metal sash and frames, on recommendation of the representative of the New York Board of Fire Underwriters.

Petition for exemption from fireproof shutters on middle window on the three stories of the front and rear walls of the rear house of said buildings, for reasons as stated in petition; No. 289 Madison street. Petitioner, Dora Sokolski. Referred to Mr. Conover for examination and report.

Petition for exemption from fireproof shutters on the seventeen stories of the south court of said building, for reasons as stated in petition; No. 66 Broadway. Petitioner, G. K. Thompson. Referred to Mr. Conover for examination and report.

Petition for exemption from fireproof shutters on all stories of both light court walls of building, for reasons as stated in petition; north side of Liberty street, from West to Washington street. Petitioners, New Jersey Central Railroad Company. Referred to Mr. Fryer for examination and report.

Petition for exemption from fireproof shutters on each story of the westerly rear wall of building, for reasons as stated in petition; Nos. 165 and 167 Broadway. Petitioners, John B. Snook & Sons. Referred to Mr. Fryer for examination and report.

Petition for exemption from fireproof shutters on the east, west and south walls of building, for reasons as stated in petition; Nos. 240 and 242 East Twentieth street. Petitioners, C. Heckmann & Son. Fireproof shutters required on the windows on second story. Openings on third and fourth stories exempted, on recommendation of Mr. O'Reilly.

On motion, the Board then adjourned, 4:35 P. M.

WILLIAM H. CLASS, Clerk to Board.

#### DEPARTMENT OF PARKS.

THE CITY OF NEW YORK,  
DEPARTMENT OF PARKS,  
BOROUGH OF MANHATTAN AND RICHMOND,  
THE ARSENAL, CENTRAL PARK,  
April 8, 1899.

Supervisor of the City Record:

SIR—I beg to report the following action, taken in connection with employees of this Department, boroughs of Manhattan and Richmond:

Appointed.

Patrick Curran, No. 564 Greenwich street, Driver.

Respectfully,

WILLIS HOLLY,

Secretary, Park Board.

#### BOARD OF PUBLIC IMPROVEMENTS.

BOARD OF PUBLIC IMPROVEMENTS,  
CITY OF NEW YORK, No. 346 BROADWAY,  
BOROUGH OF MANHATTAN,  
NEW YORK, April 6, 1899.

Supervisor of the City Record:

DEAR SIR—I hereby notify you of the following-named appointments this day made in the Topographical Bureau of this office, viz.:

Topographical Draughtsmen (Temporary).

Robert P. Abendroth, No. 48 Eighth avenue, Manhattan.

Vincent de Paul Keely, No. 110 South First street, Brooklyn.

Each at \$75 per month.

Very respectfully,

JOHN H. MOONEY,

Secretary.

#### MUNICIPAL ASSEMBLY.

CITY OF NEW YORK,  
PRESIDENT OF THE BOARD OF ALDERMEN,  
CITY HALL, April 10, 1899.

Supervisor of the City Record:

DEAR SIR—A public hearing of the Aldermanic Committee on Bridges and Tunnels will be held in the Aldermanic Chamber, in the City Hall, Borough of Manhattan, on Thursday, April 13, 1899, at 1:30 o'clock P. M., on the proposed resolution for the issue of bonds for bridge over Newtown creek, at Vernon avenue.

Respectfully,

MICHAEL F. BLAKE,

Clerk, Board of Aldermen.

#### EXECUTIVE DEPARTMENT.

MAYOR'S OFFICE—BUREAU OF LICENSES,  
NEW YORK, April 10, 1899.

Number of licenses issued and amounts received therefor in the week ending Saturday, April 8, 1899:

BOROUGH OF MANHATTAN AND THE BRONX.

DATE.	NUMBER OF LICENSES.	AMOUNTS.
Monday, Apr. 3, 1899	39	\$127 00
Tuesday, " 4, "	48	171 50
Wed'sday, " 5, "	42	1,104 00
Thursday, " 6, "	57	179 25
Friday, " 7, "	36	193 00
Saturday, " 8, "	14	29 00
Totals.....	236	\$1,803 75

#### BOROUGH OF BROOKLYN.

DATE.	NUMBER OF LICENSES.	AMOUNTS.
Monday, Apr. 3, 1899	11	\$31 00
Tuesday, " 4, "	23	65 00
Wed'sday, " 5, "	8	23 00
Thursday, " 6, "	13	95 00
Friday, " 7, "	7	20 00
Saturday, " 8, "	4	12 00
Totals.....	66	\$247 00

#### BOROUGH OF QUEENS.

Monday, Apr. 3, 1899	4	\$20 00
Tuesday, " 4, "	..	.....
Wed'sday, " 5, "	..	.....
Thursday, " 6, "	..	.....
Friday, " 7, "	..	.....
Saturday, " 8, "	1	5 00
Totals.....	5	\$25 00

DAVID J. ROCHE,

Chief of Bureau of Licenses.

Pursuant to statutory requirement, notice is hereby given that an act has been passed by both branches of the Legislature, entitled AN ACT to amend the Greater New York Charter, abolishing the office of county treasurer in the county of Queens.

Further notice is hereby given that a public hearing upon such bill will be held at the office of the Mayor, in the City Hall, in The City of New York, on Wednesday, April 12, 1899, at 11:30 o'clock A. M.

Dated CITY HALL, NEW YORK, April 8, 1899.

ROBERT A. VAN WYCK,

Mayor.

Pursuant to statutory requirement, notice is hereby given that an act has been passed by both branches of the Legislature, entitled AN ACT in relation to the board of supervisors of the county of Queens.

Further notice is hereby given that a public hearing upon such bill will be held at the office of the Mayor, in the City Hall, in The City of New York, on Wednesday, April 12, 1899, at 12 o'clock M.

Dated CITY HALL, NEW YORK, April 8, 1899.

ROBERT A. VAN WYCK,

Mayor.

Pursuant to statutory requirement, notice is hereby given that an act has been passed by both branches of the Legislature, entitled

AN ACT to amend section five hundred and eighteen of chapter three hundred and seventy-eight of the laws of eighteen hundred and ninety-seven, entitled "An Act to unite into one municipality, under the corporate name of The City of New York; the various communities lying in and about New York harbor, including the city and county of New York, the county of Richmond and part of the county of Queens, and to provide for the government thereof," relating to the aqueduct commissioners.

Further notice is hereby given that a public hearing upon such bill will be held at the office of the Mayor, in the City Hall, in The City of New York, on Wednesday, April 12, 1899, at 11 o'clock A. M.

Dated CITY HALL, NEW YORK, April 8, 1899.

ROBERT A. VAN WYCK,

Mayor.

#### CITY CLERK.

THE CITY OF NEW YORK,  
OFFICE OF THE CITY CLERK,  
CITY HALL,  
NEW YORK, April 10, 1899.

Supervisor of the City Record:

DEAR SIR—In accordance with the provisions of section 1528 of the Greater New York Charter, you are hereby notified of the following appointments by the Board of Aldermen:

April 5, 1899. Timothy F. Barry, No. 344 East Sixteenth street, Borough of Manhattan, Assistant Sergeant-at-Arms, \$1,200 per annum.

April 7, 1899. Thomas H. Kennedy, No. 449 Court street, Borough of Brooklyn, Assistant Sergeant-at-Arms, \$1,200 per annum.

April 7, 1899. Peter F. Betsch, No. 7 Beaver street, Borough of Brooklyn, Assistant Sergeant-at-Arms, \$1,200 per annum.

Respectfully yours,

P. J. SCULLY,

City Clerk.

#### OFFICIAL DIRECTORY.

STATEMENT OF THE HOURS DURING which the Public Offices in the City are open for business, and at which the Courts regularly open and adjourn, as well as of the places where such offices are kept and such Courts are held; together with the heads of Departments and Courts:

#### EXECUTIVE DEPARTMENT.

##### Mayor's Office.

No. 6 City Hall 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.  
ROBERT A. VAN WYCK, Mayor.  
ALFRED M. DOWNES, Private Secretary.

##### Bureau of Licenses.

9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.  
DAVID J. ROCHE, Chief of Bureau.  
Principal Office, Room 1, City Hall. GEORGE W. BROWN, Jr., Deputy Chief in Boroughs of Manhattan and The Bronx.  
Branch Office, Room 2, Borough Hall, Brooklyn; WILLIAM H. JORDAN, Deputy Chief in Borough of Brooklyn.  
Branch Office, "Richmond Building," New Brighton, S. I.; WILLIAM H. McCABE, Deputy Chief in Borough of Richmond.  
Branch Office, "Hackett Building," Long Island City; PETER FLANAGAN, Deputy Chief in Borough of Queens.

#### 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 A. BUTLER, Supervisor; SOLON BERRICK, Deputy Supervisor; THOMAS C. COWELL, Deputy Supervisor and Accountant.

#### COMMISSIONERS OF ACCOUNTS.

Rooms 114 and 115 Stewart Building, 9 A. M. to 4 P. M.  
JOHN C. HERTLE and EDWARD OWEN.

#### BOARD OF ARMORY COMMISSIONERS.

THE MAYOR, Chairman; PRESIDENT OF DEPARTMENT OF TAXES AND ASSESSMENTS, Secretary; HENRY S. KEARNEY, McCOSKRY BUTT and JAMES MCLEER, Commissioners.  
Address THOMAS L. FEITNER, Stewart Building  
Office hours, 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.

#### MUNICIPAL ASSEMBLY.

##### THE COUNCIL.

RANDOLPH GUGGENHEIMER, President of the Council.  
P. J. SCULLY, City Clerk.  
Clerk's office open from 10 A. M. to 4 P. M.; Saturdays, 10 A. M. to 12 M.

##### BOARD OF ALDERMEN.

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

#### BOROUGH PRESIDENTS.

##### Borough of Manhattan.

Office of the President of the Borough of Manhattan, Nos. 10, 11 and 12 City Hall. 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.  
JAMES J. COOGAN, President.  
IRA EDGAR RIDER, Secretary.

##### Borough of The Bronx.

Office of the President of the Borough of The Bronx, corner Third avenue and One Hundred and Seventy-seventh street. 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.  
LOUIS F. HAFEN, President.

##### Borough of Brooklyn.

President's Office, No. 1 Borough Hall. 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.  
EDWARD M. GROUT, President.

##### Borough of Queens.

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

##### Borough of Richmond.

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

#### PUBLIC ADMINISTRATOR.

No. 119 Nassau street, 9 A. M. to 4 P. M.  
WILLIAM M. HOES, Public Administrator.

#### AQUEDUCT COMMISSIONERS.

Room 200 Stewart Building, 5th floor, 9 A. M. to 4 P. M.  
JOHN J. RYAN, MAURICE J. POWER, WILLIAM H. TEN EYCK, JOHN P. WINDOLPH and THE MAYOR and COMPTROLLER, Commissioners; HARRY W. WALKER, Secretary, A. FTELEY, Chief Engineer.

#### DEPARTMENT OF FINANCE.

Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.  
BIRD S. COLER, Comptroller.  
MICHAEL T. DALY, EDGAR J. LEVEY, Deputy Comptrollers.

##### Auditing Bureau.

JOHN F. GOULDSBURY, First Auditor of Accounts, Borough of Manhattan.  
EDWARD J. CONNELL, Auditor of Accounts, Borough of The Bronx.  
WILLIAM MCKINNY, First Auditor of Accounts, Borough of Brooklyn.  
FRANCIS R. CLAIR, Auditor of Accounts, Borough of Queens.  
WALTER H. HOLT, Auditor of Accounts, Borough of Richmond.

Bureau for the Collection of Assessments and Arrears.

EDWARD GILON, Collector of Assessments and Arrears, Borough of Manhattan.  
JAMES E. STANFORD, Deputy Collector of Assessments and Arrears, Borough of The Bronx.  
MICHAEL O'KEEFE, Deputy Collector of Assessments and Arrears, Borough of Brooklyn.  
JOHN F. ROGERS, Deputy Collector of Assessments and Arrears, Borough of Queens.  
GEORGE BRAND, Deputy Collector of Assessments and Arrears, Borough of Richmond.

##### Bureau for the Collection of Taxes.

DAVID E. AUSTEN, Receiver of Taxes, Borough of Manhattan.  
JOHN E. UNDERHILL, Deputy Receiver of Taxes, Borough of The Bronx.  
JAMES B. BOUCK, Deputy Receiver of Taxes, Borough of Brooklyn.  
FREDERICK W. BLECKWENN, Deputy Receiver of Taxes, Borough of Queens.  
MATTHEW S. TULLY, Deputy Receiver of Taxes, Borough of Richmond.

Bureau for the Collection of City Revenue and of Markets.

DAVID O'BRIEN, Collector of City Revenue and Superintendent of Markets.  
ALEXANDER MEAKIM, Clerk of Markets.

##### Bureau of the City Chamberlain.

PATRICK KEERNAN, City Chamberlain.  
JOHN H. CAMPBELL, Deputy Chamberlain.

#### Office of the City Paymaster.

No. 83 Chambers street and No. 65 Reade street.  
JOHN H. TIMMERMAN, City Paymaster.

#### BOARD OF PUBLIC IMPROVEMENTS.

No. 346 Broadway, 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.  
MAURICE F. HOLAHAN, President.  
JOHN H. MOONEY, Secretary.

##### Department of Highways.

No. 150 Nassau street, 9 A. M. to 4 P. M.  
JAMES P. KRATING, Commissioner of Highways.  
WILLIAM N. SHANNON, Deputy for Manhattan.  
THOMAS R. FARRELL, Deputy for Brooklyn.  
JAMES H. MALONEY, Deputy for Bronx.  
JOHN P. MADDEN, Deputy for Queens.  
HENRY P. MORRISON, Deputy and Chief Engineer for Richmond. Office, "Richmond Building," corner Richmond Terrace and York avenue, New Brighton, S. I.

##### Department of Sewers.

Nos. 265 and 267 Broadway, 9 A. M. to 4 P. M.  
JAMES KANE, Commissioner of Sewers.  
MATTHEW F. DONOHUE, Deputy for Manhattan.  
THOMAS J. BYRNES, Deputy for Bronx.  
WILLIAM BRENNAN, Deputy for Brooklyn.  
MATTHEW J. GOLDNER, Deputy Commissioner of Sewers, Borough of Queens.  
HENRY P. MORRISON, Deputy Commissioner and Chief Engineer of Sewers, Borough of Richmond. Office, "Richmond Building," corner Richmond Terrace and York avenue, New Brighton, S. I.

##### Department of Bridges.

Room 177 Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.  
JOHN L. SHEA, Commissioner.  
THOMAS H. YORK, Deputy.  
SAMUEL R. BERBASCO, Chief Engineer.  
MATTHEW H. MOORE, Deputy for Bronx.  
HARRY BEAM, Deputy for Brooklyn.  
JOHN E. BACKUS, Deputy for Queens.

##### Department of Water Supply.

No. 150 Nassau street, 9 A. M. to 4 P. M.  
WILLIAM DALTON, Commissioner of Water Supply.  
JAMES H. HASLIN, Deputy Commissioner.  
GEORGE W. BIRDSALL, Chief Engineer.  
W. G. BYRNE, Water Register.  
JAMES MOFFETT, Deputy Commissioner, Borough of Brooklyn, Municipal Building.  
WILLIAM RASQUIN, Jr., Deputy Commissioner Borough of Queens, Old Town Hall, Flushing.  
THOMAS J. MULLIGAN, Deputy Commissioner, Borough of The Bronx, Crotona Park Building.  
HENRY P. MORRISON, Deputy Commissioner, Borough of Richmond. Office, "Richmond Building," corner Richmond Terrace and York avenue, New Brighton, S. I.

##### Department of Street Cleaning.

9 A. M. to 4 P. M.  
JAMES MCCARTNEY, Commissioner, No. 346 Broadway, Manhattan.  
F. M. GIBSON, Deputy Commissioner for Borough of Manhattan, No. 346 Broadway.  
PATRICK H. QUINN, Deputy Commissioner for Borough of Brooklyn, Room 27 Municipal Building.  
JOSEPH LIEBERTZ, Deputy Commissioner for Borough of The Bronx, No. 615 East One Hundred and Fifty-second street.

JOHN P. MADDEN, Deputy Commissioner for Borough of Queens, Municipal Building, Long Island City.

Department of Buildings, Lighting and Supplies.

No. 346 Broadway, Room 1142, 9 A. M. to 4 P. M.  
HENRY S. KEARNEY, Commissioner of Public Buildings, Lighting and Supplies.

PETER J. DOOLING, Deputy Commissioner for Manhattan.  
WILLIAM WALTON, Deputy Commissioner for Brooklyn.

JOEL FOWLER, Deputy Commissioner for Queens.  
EDWARD I. MILLEP, Deputy Commissioner for Richmond.

#### LAW DEPARTMENT.

##### Office of Corporation Counsel.

Staats-Zeitung Building, 3d and 4th floors 9 A. M. to 5 P. M.; Saturdays, 9 A. M. to 12 M.  
JOHN WHALEN, Corporation Counsel.  
THEODORE CONNOLLY, W. W. LAUD, Jr., CHARLES BLANDY, Assistants.

WILLIAM J. CARR, Assistant Corporation Counsel for Brooklyn.

Bureau for Collection of Arrears of Personal Taxes.  
Stewart Building, Broadway and Chambers street, 9 A. M. to 4 P. M.

##### Bureau for the Recovery of Penalties.

Nos. 119 and 121 Nassau street.  
ADRIAN T. KIERNAN, Assistant Corporation Counsel.

##### Bureau of Street Openings.

Nos. 90 and 92 West Broadway.  
JOHN P. DUNN, Assistant to Corporation Counsel.

#### POLICE DEPARTMENT.

##### Central Office.

No. 300 Mulberry street, 9 A. M. to 4 P. M.  
BERNARD J. YORK, President of the Board; JOHN B. SEXTON, JACOB HESS, HENRY E. ABELL, Commissioners.

#### DEPARTMENT OF PUBLIC CHARITIES.

##### Central Office.

Foot of East Twenty-sixth street, 9 A. M. to 4 P. M.  
JOHN W. KELLER, President of the Board; Commissioner for Manhattan and Bronx.  
THOMAS S. BRENNAN, Deputy Commissioner.  
ADOLPH SIMIS, Jr., Commissioner for Brooklyn and Queens.

EDWARD GLINNEN, Deputy Commissioner.  
JAMES FRENCH, Commissioner for Richmond.  
Plans and Specifications, 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.

Out-door Poor Department. Office hours, 8:30 A. M. to 4:30 P. M.

#### DEPARTMENT OF CORRECTION.

##### Central Office.

No. 148 East Twentieth street, 9 A. M. to 4 P. M.  
FRANCIS J. LANTRY, Commissioner.  
N. O. FANNING, Deputy Commissioner.  
JAMES J. KIRWIN, Deputy Commissioner for Boroughs of Brooklyn and Queens.

#### FIRE DEPARTMENT.

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

##### Headquarters.

Nos. 157 and 159 East Sixty-seventh street.  
JOHN J. SCANNELL, Fire Commissioner.  
JAMES H. TULLY, Deputy Commissioner, Boroughs of Brooklyn and Queens.  
AUGUSTUS T. DOCHARRY, Secretary.  
HUGH BONNER, Chief of Department, and in Charge of Fire-alarm Telegraph.  
JAMES DALE, Deputy Chief, in Charge of Boroughs of Brooklyn and Queens.  
GEORGE E. MURRAY, Inspector of Combustibles.  
PETER SEERY, Fire Marshal, Boroughs of Manhattan The Bronx and Richmond.

ALONZO BRYMER, Fire Marshal, Boroughs of Brooklyn and Queens.

##### Central Office open at all hours.

#### DEPARTMENT OF HEALTH.

New Criminal Court Building, Centre street, 9 A. M. to 4 P. M.

MICHAEL C. MURPHY, President, and WILLIAM T. JENKINS, M. D., JOHN B. COSBY, M. D., THE PRESIDENT OF THE POLICE BOARD, ex-officio, and the HEALTH



OFFICER OF THE PORT, *ex-officio*, Commissioners: EMMONS CLARK, Secretary.  
 CHARLES F. ROBERTS, M.D., Superintendent, Borough of Manhattan.  
 EUGENE MONAHAN, M.D., Assistant Sanitary Superintendent, Borough of The Bronx.  
 ROBERT A. BLACK, M.D., Assistant Sanitary Superintendent, Borough of Brooklyn.  
 ODED L. LUSK, M.D., Assistant Sanitary Superintendent, Borough of Queens.  
 JOHN L. FEENEY, M.D., Assistant Sanitary Superintendent, Borough of Richmond.

## DEPARTMENT OF EDUCATION.

BOARD OF EDUCATION.  
 No. 146 Grand street, Borough of Manhattan, 9 A.M. to 5 P.M.; Saturdays, 9 A.M. to 12 M.  
 JOSEPH J. LITTLE, President; A. EMERSON PALMER, Secretary.  
*School Board for the Boroughs of Manhattan and The Bronx.*  
 No. 146 Grand street, Borough of Manhattan.  
 JOSEPH J. LITTLE, President; ARTHUR McMULLIN, Secretary.  
*School Board for the Borough of Brooklyn.*  
 No. 131 Livingston street, Brooklyn.  
 CHARLES E. ROBERTSON, President; GEORGE G. BROWN, Secretary.

*School Board for the Borough of Queens.*  
 Flushing, L.I.  
 F. DE HAAS SIMONSON, President; JOSEPH H. FITZPATRICK, Secretary.

*School Board for the Borough of Richmond.*  
 Stapleton, Staten Island.  
 JOHN T. BURKE, President; FRANKLIN C. VITT, Secretary.

## DEPARTMENT OF PARKS.

Arsenal Building, Central Park, 9 A.M. to 4 P.M.; Saturdays, 12 M.  
 GEORGE C. CLAUSEN, President, Commissioner in Manhattan and Richmond.  
 GEORGE V. BROWER, Commissioner in Brooklyn and Queens.  
 AUGUST MOEBUS, Commissioner in Borough of The Bronx, Zbrowski Mansion, Claremont Park.

## DEPARTMENT OF DOCKS AND FERRIES.

Pier "A," N. R., Battery place.  
 J. SERGRANT CRAM, President; CHARLES F. MURPHY, Treasurer; PETER F. MEYER, Commissioners.  
 WILLIAM H. BURKE, Secretary.  
 Office hours, 9 A.M. to 4 P.M.; Saturdays, 12 M.

## DEPARTMENT OF BUILDINGS.

Main Office, No. 220 Fourth avenue, Borough of Manhattan. Office hours, 9 A.M. to 4 P.M.; Saturday, 9 A.M. to 12 M.  
 THOMAS J. BRADY, President of the Board of Buildings and Commissioner for the Boroughs of Manhattan and The Bronx.  
 JOHN GUILFOYLE, Commissioner for the Borough of Brooklyn.  
 DANIEL CAMPBELL, Commissioner for the Boroughs of Queens and Richmond.  
 A. J. JOHNSON, Secretary.  
 Office of the Department for the Boroughs of Manhattan and The Bronx, No. 220 Fourth avenue, Borough of Manhattan.  
 Office of the Department for the Borough of Brooklyn, Borough Hall, Borough of Brooklyn.  
 Office of the Department for the Boroughs of Queens and Richmond, Richmond Hall, New Brighton, Staten Island, Borough of Richmond. Branch office: Room 1, second floor, Town Hall, Jamaica, Long Island, Borough of Queens.

DEPARTMENT OF TAXES AND ASSESSMENTS.  
 Stewart Building, 9 A.M. to 4 P.M.; Saturdays, 12 M.  
 THOMAS L. FEITNER, President of the Board; EDWARD C. SHEEHY, ARTHUR C. SALMON, THOMAS J. PATTERSON and WILLIAM GRELL, Commissioners.

## BUREAU OF MUNICIPAL STATISTICS.

No. 346 Broadway (N. Y. Life Insurance Building), Rooms 1033 and 1034. Office hours from 9 A.M. to 4 P.M.; Saturdays, from 9 A.M. to 12 M.  
 JOHN T. NAGLE, M.D., Chief of Bureau.  
 Municipal Statistical Commission: FREDERICK W. GRUBE, LL.D., HARRY PAYNE WHITNEY, ANTONIO RASINES, JULIUS G. KUGELMAN, RICHARD T. WILSON, JR., ERNEST HARVIER.

## MUNICIPAL CIVIL SERVICE COMMISSION.

Criminal Court Building, Centre street, between Franklin and White streets, 9 A.M. to 4 P.M.  
 CHARLES H. KNOX, President, ROBERT E. DEVO and WILLIAM N. DYKMAN, Commissioners.  
 LEE PHILLIPS, Secretary.

## BOARD OF ASSESSORS.

Office, No. 320 Broadway, 9 A.M. to 4 P.M.  
 EDWARD CAHILL, THOMAS A. WILSON, EDWARD McCUE, PATRICK M. HAVERTY and JOHN B. MEYENBORG, Board of Assessors. WILLIAM H. JASPER, Secretary.

BOARD OF ESTIMATE AND APPORTIONMENT.  
 The Mayor, Chairman; THOMAS L. FEITNER (President, Department of Taxes and Assessments), Secretary the COMPTROLLER, PRESIDENT OF THE COUNCIL, and the CORPORATION COUNSEL, Members; CHARLES V. ADEE, Clerk.  
 Office of Clerk, Department of Taxes and Assessments, Stewart Building.

## SHERIFF'S OFFICE.

Stewart Building, 9 A.M. to 4 P.M.  
 THOMAS J. DUNN, Sheriff; HENRY P. MULVANY, Under Sheriff.

## SHERIFF'S OFFICE, KINGS COUNTY.

County Court-house, Brooklyn.  
 FRANK D. CREAMER, Sheriff; HUGH McLAUGHLIN, Under Sheriff.

## COMMISSIONERS OF THE SINKING FUND.

The Mayor, Chairman; BIRD S. COLER, Comptroller; PATRICK KEENAN, Chamberlain; RANDOLPH GUGGENHEIMER, President of the Council, and ROBERT MUH, Chairman, Finance Committee, Board of Aldermen, Members. EDGAR J. LEVEY, Secretary.  
 Office of Secretary, Room No. 11, Stewart Building.

## REGISTER'S OFFICE.

East side City Hall Park, 9 A.M. to 4 P.M.  
 ISAAC FROMME, Register; JOHN VON GLAHN, Deputy Register.

## COMMISSIONER OF JURORS

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

## SPECIAL COMMISSIONER OF JURORS.

No. 111 Fifth avenue.  
 H. W. GRAY, Commissioner.

## COMMISSIONER OF JURORS, KINGS COUNTY.

3 Court-house.  
 WILLIAM A. FUREY, Commissioner.

## SPECIAL COMMISSIONER OF JURORS, KINGS COUNTY.

No. 325 Fulton street.  
 EDWARD J. DOOLEY, Commissioner.

## NEW YORK COUNTY JAIL.

No. 70 Ludlow street, 9 A.M. to 4 P.M.  
 PATRICK H. PICKETT, Warden.

## COUNTY CLERK'S OFFICE.

Nos. 7 and 8 New County Court-house, 9 A.M. to 4 P.M.  
 WILLIAM SOMMER, County Clerk.  
 GEORGE H. FAHRBACH, Deputy.

## NEW EAST RIVER BRIDGE COMMISSION.

Commissioners' Office, Nos. 49 and 51 Chambers street, New York, 9 A.M. to 4 P.M.  
 LEWIS NIXON, President; JAMES W. BOYLE, Vice-President; SMITH E. LANE, Secretary; JULIAN D. FAIRCHILD, Treasurer; JOHN W. WEBER, and The Mayor, Commissioners.  
 Chief Engineer's Office, No. 84 Broadway, Brooklyn, E.D., 9 A.M. to 5 P.M.

## DISTRICT ATTORNEY.

New Criminal Court Building, Centre street, 9 A.M. to 4 P.M.  
 ASA BIRD GARDINER, District Attorney; WILLIAM J. McKENNA, Chief Clerk.

## CHANGE OF GRADE DAMAGE COMMISSION TWENTY-THIRD AND TWENTY-FOURTH WARDS.

Room 58, Schermerhorn Building, No. 96 Broadway. Meetings, Mondays, Wednesdays and Fridays, at 3 P.M.  
 WILLIAM E. STILLINGS, WARREN W. FOSTER, CHARLES A. JACKSON, Commissioners.  
 LAMONT McLOUGHLIN, Clerk.

## CORONERS.

Borough of Manhattan.  
 Office, New Criminal Court Building. Open at all times of day and night.  
 EDWARD T. FITZPATRICK, JACOB E. BAUSCH, EDWARD W. HART, ANTONIO ZUCCA.

## Borough of The Bronx.

ANTHONY MCOWEN, THOMAS M. LYNCH.

## Borough of Brooklyn.

ANTHONY J. BURGER, GEORGE W. DELAP.

## Borough of Queens.

PHILIP T. CRONIN, Dr. SAMUEL S. GUY, JR., LEONARD ROUFF, JR., Jamaica, L.I.

## Borough of Richmond.

JOHN SEAYER, GEORGE C. TRANTER.

## SURROGATES' COURT.

New County Court-house. Court opens at 10.30 A.M.; adjourns 4 P.M.  
 FRANK T. FITZGERALD, JAMES M. VARNUM, Surrogates; WILLIAM V. LEARY, Chief Clerk.

## CITY MAGISTRATES' COURTS.

Courts open from 9 A.M. until 4 P.M.  
*City Magistrate*—HENRY A. BRANN, ROBERT C. CORNELL, LEROY B. CRANE, JOSEPH M. DEUEL, CHARLES A. FLAMMER, HERMAN C. KUDLICH, CLARENCE W. MEADE, JOHN O. MOTT, JOSEPH POOL, CHARLES E. SIMMS, JR., THOMAS F. WENTWORTH, W. H. OLMSTEAD, LUDWIG F. THOMA, Secretary.  
 First District—Criminal Court Building.  
 Second District—Jefferson Market.  
 Third District—No. 69 Essex street.  
 Fourth District—Fifty-seventh street, near Lexington avenue.  
 Fifth District—One Hundred and Twenty-first street southeastern corner of Sylvan place.  
 Sixth District—One Hundred and Fifty-eighth street and Third avenue.  
 Seventh District—Fifty-fourth street, west of Eighth avenue.

## SECOND DIVISION.

Borough of Brooklyn.  
 First District—No. 318 Adams street. JACOB BRENNER, Magistrate.  
 Second District—Court and Butler streets. HENRY RISTOW, Magistrate.  
 Third District—Myrtle and Vanderbilt avenues. CHARLES E. TEALE, Magistrate.  
 Fourth District—Nos. 6 and 8 Lee avenue. WILLIAM KRAMER, Magistrate.  
 Fifth District—Ewen and Powers streets. ANDREW LEMON, Magistrate.  
 Sixth District—Gates and Reid avenues. LEWIS R. WORTH, Magistrate.  
 Seventh District—No. 31 Grant street, Flatbush. ALFRED E. STEERS, Magistrate.  
 Eighth District—Coney Island. J. LOTT NOSTRAND, Magistrate.

## Borough of Queens.

First District—Nos. 21 and 23 Jackson avenue, Long Island City. MATTHEW J. SMITH, Magistrate.  
 Second District—Flushing, Long Island. LUKE J. CONNOR, Magistrate.  
 Third District—Far Rockaway, Long Island. EDMUND J. HEALY, Magistrate.

## Borough of Richmond.

First District—New Brighton, Staten Island. JOHN CROAK, Magistrate.  
 Second District—Stapleton, Staten Island. NATHANIEL MARSH, Magistrate.  
 Secretary to the Board, GEORGE E. ENGLAND, Myrtle and Vanderbilt avenues, Borough of Brooklyn.

## KINGS COUNTY SURROGATE'S COURT.

County Court-house, Brooklyn.  
 GEORGE B. ABBOTT, Surrogate; MICHAEL F. MCGOLDRICK, Chief Clerk.

## KINGS COUNTY TREASURER.

Court-house, Room 14.  
 JOHN W. KIMBALL, Treasurer; THOMAS F. FARRELL, Deputy Treasurer.

## THE COMMISSIONERS OF RECORDS.

Kings County—Room 7, Hall of Records.  
 JOHN M. RIDER, HENRY N. MEER, HENRY S. RASQUIN, Commissioners.

## EXAMINING BOARD OF PLUMBERS.

Rooms 14, 15 and 16 Nos. 149 to 151 Church street.  
 President, JOHN RENNAN; Secretary, JAMES E. MCGOVERN; Treasurer, EDWARD HALVEY, HORACE LOOMIS, P. J. ANDREWS, *ex-officio*.  
 Meet every Monday, Wednesday and Friday at 2 P.M.

## SUPREME COURT.

County Court-house, 10.30 A.M. to 4 P.M.  
 Special Term, Part I., Room No. 2.  
 Special Term, Part II., Room No. 15.  
 Special Term, Part III., Room No. 19.  
 Special Term, Part IV., Room No. 11.  
 Special Term, Part V., Room No. 23.  
 Special Term, Part VI., Room No. 21.  
 Special Term, Part VII., Room No. 25.  
 Special Term, Part VIII., Room No. 34.

Trial Term, Part II., Room No. 16.  
 Trial Term, Part III., Room No. 17.  
 Trial Term, Part IV., Room No. 18.  
 Trial Term, Part V., Room No. 32.  
 Trial Term, Part VI., Room No. 31.  
 Trial Term, Part VII., Room No. 30.  
 Trial Term, Part VIII., Room No. 24.  
 Trial Term, Part IX., Room No. 22.  
 Naturalization Bureau, Room No. 26.  
*Justices*—ABRAHAM R. LAWRENCE, CHARLES H. FRUAX, CHARLES F. MACLEAN, FREDERICK SMYTH, JAMES FITZGERALD, MILES BEACH, DAVID LEVENTRITT, LEONARD A. GEIGERICH, HENRY W. BOOKSTAVEN, HENRY BISCHOFF, JR., JOHN J. FRIDMAN, GEORGE P. ANDREWS, P. HENRY DUGRO, DAVID McADAM, HENRY R. BECKMAN, HENRY A. GILDERSLEEVE, FRANCIS M. SCOTT, WILLIAM SOMMER, Clerk.

## CITY COURT.

Brown-stone Building, City Hall Park.  
 General Term.  
 Trial Term, Part I.  
 Part II.  
 Part III.  
 Part IV.  
 Special Term Chambers will be held 10 A.M. to 4 P.M.  
 Clerk's Office, Brown-stone Building, No. 32 Chambers street, 9 A.M. to 4 P.M.  
 JAMES M. FITZSIMONS, Chief Justice; JOHN H. MCCARTHY, LEWIS J. CONLAN, EDWARD F. O'DWYER, JOHN P. SCHUCHMAN and THEODORE F. HASCALL, Justices. THOMAS F. SMITH, Clerk.

## COURT OF SPECIAL SESSIONS.

Building for Criminal Courts, Centre street, between Franklin and White streets, Borough of Manhattan. Court opens at 10 A.M.  
*Justices*, First Division—ELIZUR B. HINSDALE, WILLIAM TRAVERS JEROME, EPHRAIM A. JACOB, JOHN HAYES, WILLIAM C. HOLBROOK, WILLIAM M. FULLER, Clerk; JOSEPH H. JONES, Deputy Clerk.  
 Clerk's office open from 9 A.M. to 4 P.M.  
 Second Division—Trial days—Borough Hall, Brooklyn, Mondays, Wednesdays and Fridays, at 10 o'clock; Town Hall, Jamaica, Borough of Queens, Tuesdays, at 10 o'clock; Town Hall, New Brighton, Borough of Richmond, Thursdays, at 10 o'clock.  
*Justices*—JOHN COURTNEY, HOWARD J. FORKER, PATRICK KEADY, JOHN FLEMING, THOMAS W. FITZGERALD, JOSEPH L. KERRIGAN, Clerk; CHARLES F. WOLZ, Deputy Clerk.  
 Clerk's office, Borough Hall, Borough of Brooklyn, open from 9 A.M. to 4 P.M.

## COURT OF GENERAL SESSIONS.

Held in the building for Criminal Courts, Centre Elm, White and Franklin streets. Court opens at 11 o'clock.  
 RUFUS B. COWING, City Judge; JOHN W. GOFF, Recorder; JOSEPH E. NEWBURGER, MARTIN T. McMAHON and JAMES A. BLANCHARD, Judges of the Court of General Sessions. EDWARD R. CARROLL, Clerk.  
 Clerk's office open from 10 A.M. to 4 P.M.  
*Supreme Court, Part I., Criminal Trial Term.*  
 Held in the building for Criminal Courts. Court opens at 10.30 A.M.  
 EDWARD R. CARROLL, Clerk. Hours from 10 A.M. to 4 P.M.

## CRIMINAL DIVISION, SUPREME COURT.

New Criminal Court Building, Centre street. Court opens at 10.30 o'clock A.M.  
 EDWARD R. CARROLL, Clerk. Hours from 10 A.M. to 4 P.M.

## APPELLATE DIVISION, SUPREME COURT.

Court-house, No. 111 Fifth avenue, corner Eighteenth street. Court opens at 1 P.M.  
 CHARLES H. VAN BRUNT, Presiding Justice; GEORGE C. BARRETT, CHESTER E. McLAUGHLIN, EDWARD PATTERSON, MORGAN J. O'BRIEN, GEORGE L. INGRAM, WILLIAM RUMSEY, Justices. ALFRED WAGSTAFF, Clerk. WILLIAM LAMB, JR., Deputy Clerk.

## COUNTY COURT, KINGS COUNTY.

County Court-house, Brooklyn.  
 JOSEPH ASPINALL and WM. B. HURD, JR., County Judges.  
 CHARLES V. VAN DOREN, Chief Clerk.

## QUEENS COUNTY COURT.

County Court-house, Long Island City.  
 HARRISON S. MOORE, County Judge.

## MUNICIPAL COURTS.

Borough of Manhattan.  
 First District—Third, Fifth and Eighth Wards, and all that part of the First Ward lying west of Broadway and Whitehall street, including Governor's Island, Bedloe's Island, Ellis Island and the Oyster Islands. New County Court-house, No. 128 Prince street, corner of Wooster street.  
 WAUHOPE LYNN, Justice. FRANK L. BACON, Clerk.  
 Clerk's office open from 9 A.M. to 4 P.M.  
 Second District—Second, Fourth, Sixth and Fourteenth Wards, and all that portion of the First Ward lying south and east of Broadway and Whitehall street. Court-room, corner of Grand and Centre streets.  
 HERMANN BOLTE, Justice. FRANCIS MANGIN, Clerk.  
 Clerk's office open from 9 A.M. to 4 P.M.  
 Third District—Ninth and Fifteenth Wards. Court room, southwest corner Sixth avenue and West Tenth street. Court open daily (Sundays and legal holidays excepted) from 9 A.M. to 4 P.M.  
 WM. F. MOORE, Justice. DANIEL WILLIAMS, Clerk.  
 Fourth District—Tenth and Seventeenth Wards. Court-room, No. 30 First street, corner Second avenue. Court opens 9 A.M. daily, and remains open to close of business.  
 GEORGE F. ROESCH, Justice. JOHN E. LYNCH, Clerk.  
 Fifth District—Seventh, Eleventh and Thirteenth Wards. Court-room, No. 154 Clinton street.  
 HENRY M. GOLDFOGLE, Justice. JEREMIAH HAYES, Clerk.  
 Sixth District—Eighteenth and Twenty-first Wards. Court-room, northwest corner Twenty-third street and Second avenue. Court opens 9 A.M. daily, and continues open to close of business.  
 DANIEL F. MARTIN, Justice. ABRAHAM BERNARD, Clerk.  
 Seventh District—Nineteenth Ward. Court-room, No. 151 East Fifty-seventh street. Court opens every morning at 9 o'clock (except Sundays and legal holidays), and continues open to close of business.  
 JOHN B. McKEAN, Justice. PATRICK McDAVITT, Clerk.  
 Eighth District—Sixteenth and Twentieth Wards. Court-room, northwest corner of Twenty-third street and Eighth avenue. Court opens at 9 A.M. and continues open 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.  
 JOSEPH H. STINER, Justice. THOMAS COSTIGAN, Clerk.  
 Ninth District—Twelfth Ward, except that portion thereof which lies west of the centre line of Lenox or Sixth avenue, and of the Harlem river north of the terminus of Lenox avenue. Court-room, No. 170 East One Hundred and Twenty-first street, southeast corner of Sylvan place. Court opens every morning at 9 o'clock (except Sundays and legal holidays), and continues open to close of business.

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

Clerk's office open daily from 9 A.M. to 4 P.M.  
 Tenth District—Twenty-second Ward and all that portion of the Twelfth Ward which is bounded on the north by the centre line of One Hundred and Tenth street, on the south by the centre line of Eighty-sixth street, on the east by the centre line of Sixth avenue, and on the west by the North river. Court-room, No. 318 West Fifty-fourth street. Court opens daily (Sundays and legal holidays excepted) from 9 A.M. to 4 P.M.  
 JAMES A. O'GORMAN, Justice. JAMES J. GALLIGAN, Clerk.

Eleventh District—That portion of the Twelfth Ward which lies north of the centre line of West One Hundred and Tenth street and west of the centre line of Lenox or Sixth avenue, and of the Harlem river north of the terminus of Lenox or Sixth avenue. Court-room, corner of One Hundred and Twenty-sixth street and Columbus avenue. Court opens daily (Sundays and legal holidays excepted) from 10 A.M. to 4 P.M.  
 FRANCIS J. WORCESTER, Justice. ADOLPH N. DUMAHAUT, Clerk.

## Borough of The Bronx.

First District—All that part of the Twenty-fourth Ward which was lately annexed to the City and County of New York by chapter 1034 of the Laws of 1895, comprising all of the late Town of Westchester and part of the Towns of Eastchester and Pelham, including the Villages of Wakefield and Williamsbridge. Court-room, Town Hall, Main street, Westchester Village. Court opens daily (Sundays and legal holidays excepted) from 9 A.M. to 4 P.M.  
 WILLIAM W. PENFIELD, Justice. JOHN N. STEWART, Clerk.

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

## Borough of Brooklyn.

First District—Comprising First, Second, Third, Fourth, Fifth, Sixth, Tenth and Twelfth Wards of the Borough of Brooklyn. Court-house, northwest corner State and Court streets.  
 JACOB NEU, Justice. EDWARD MORAN, Clerk.  
 Clerk's office open from 9 A.M. to 4 P.M.

Second District—Seventh, Eighth, Ninth, Eleventh, Twentieth, Twenty-first, Twenty-second and Twenty-third Wards. Court-room located at No. 794 Broadway, Brooklyn.  
 GERARD B. VAN WART, Justice. WILLIAM H. ALLEN, Chief Clerk.

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

Third District—Includes the Thirteenth, Fourteenth, Fifteenth, Sixteenth, Seventeenth, Eighteenth and Nineteenth Wards. Court-house, Nos. 6 and 8 Lee avenue, Brooklyn.  
 WILLIAM SCHNITZFARN, Justice. CHARLES A. CONRADY, Clerk.

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

Fourth District—Twenty-fourth, Twenty-fifth, Twenty-sixth, Twenty-seventh and Twenty-eighth Wards. Court-room, No. 14 Howard avenue.  
 ADOLPH H. GORTING, Justice. HERMAN GOHLINGHORN, Clerk; JAMES P. SINNOTT, Assistant Clerk.  
 Clerk's office open from 9 A.M. to 4 P.M.

Fifth District—Twenty-ninth, Thirtieth, Thirty-first and Thirty-second Wards. Court-room on Bath avenue and Bay Twenty-second street, Bath Beach.  
 CORNELIUS FERGUSON, Justice. JEREMIAH J. O'LEARY, Clerk.  
 Clerk's office open from 9 A.M. to 4 P.M.

## Borough of Queens.

First District—First Ward (all of Long Island City, formerly composing five Wards). Court-room, Queens County Court-house (located temporarily).  
 THOMAS C. KADEN, Justice. THOMAS F. KENNEDY, Clerk.

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

Second District—Second and Third Wards, which includes the territory of the late Towns of Newtown and Flushing. Court-room in Court-house of late Town of Newtown, corner of Broadway and Court street, Elmhurst, New York. P.O. address, Elmhurst, New York.

WILLIAM T. MONTEVERDE, Justice. HENRY WALTER, Jr., Clerk.

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

Third District—JAMES F. McLOUGHLIN, Justice; GEO. W. DAMON, Clerk.  
 Court-house, Town Hall, Jamaica.

## Borough of Richmond.

First District—First and Third Wards (Towns of Castleton and Northfield). Court-room, corner Village Hall, Lafayette avenue and Second street, New Brighton.  
 JOHN J. KENNEY, Justice. FRANCIS F. LEMAN, Clerk.

Court office open from 9 A.M. to 4 P.M. Court held each day, except Saturday, from 10 A.M.

Second District—Second, Fourth and Fifth Wards (Towns of Middletown, Southfield and Westfield). Court-room, former Edgewater Village Hall, Stapleton.  
 ALBERT REYNOLD, Justice. PETER TIERNAN, Clerk.

Court office open from 9 A.M. to 4 P.M. Court held each day from 10 A.M., and continues until close of business.

## RICHMOND COUNTY.

## COUNTY CLERK'S OFFICE.

County Office Building, Richmond, S. I., 9 A.M. to 4 P.M.

## SHERIFF.

County Court-house, Richmond, S. I., 9 A.M. to 4 P.M.  
 AUGUSTUS ACKER, Sheriff.

## DISTRICT ATTORNEY.

Port Richmond, S. I.  
 EDWARD S. RAWSON, District Attorney.

## DISTRICT ATTORNEY, QUEENS COUNTY.

GEORGE W. DAVISON, District Attorney.

## COUNTY JUDGE AND SURROGATE.

County Office Building, Richmond, S. I.  
 STEPHEN D. STEVENS, County Judge.

## BOROUGH OF BROOKLYN.

I HAVE RECEIVED THE FOLLOWING PETITION, which are now on file in my office for inspection, and will submit them to the Local Board of the Fourth District, on Friday, April 21, 1899, at 4.30 P.M., in the office of the President of the Borough, Room 1, Borough Hall:  
 Nostrand avenue—Repaving Nostrand avenue, with asphalt, between Flushing avenue and Lafayette avenue.  
 Ellery street—Repaving Ellery street, between Nostrand avenue and Broadway.  
 Lexington avenue—Flagging sidewalk on the north side of Lexington avenue, between Grand avenue and Classon avenue, in front of Lots Nos. 31, 32, 33, 81, and 47 to 52, inclusive, Block 73, Seventh Ward Map.  
 Lexington avenue—Fencing vacant lots on the north side of Lexington avenue, between Grand avenue and Classon avenue, known as Lots Nos. 31, 32, 33, 81 and 39 to 42 inclusive, Block 73, Seventh Ward Map.



Hopkins street—Repaving Hopkins street with asphalt, between Nostrand avenue and Sumner avenue. Complaint against stable in the rear of No. 68 Stuyvesant avenue.

Stuyvesant avenue—Fencing vacant lots on the east side of Stuyvesant avenue, between DeKalb avenue and Kosciuszko street, known as Lot No. 29, Block 9, Twenty-first Ward Map.

EDWARD M. GROUT,  
President, Borough of Brooklyn.

I HAVE RECEIVED THE FOLLOWING PETITIONS, which are now on file in my office for inspection, and will submit them to the Local Board of the Third District on Thursday, April 20, 1899, at 4.30 P. M., in the office of the President of the Borough, Room 1, Borough Hall:

Little street—Construction of sewer in Little street, from Evans street to United States street.

Atlantic avenue—Construction of an asphalt strip on the south side of Atlantic avenue, between South Ferry and Henry street.

Concord street—Flagging sidewalk on the north side of Concord street, between Gold street and Hudson avenue, in front of Lots Nos. 37 and 38, Block 37, Fifth Ward Map.

Hudson avenue—Flagging and repaving sidewalk on the east side of Hudson avenue, between Evans street and York street, in front of Lot No. 20, Block 17, Fifth Ward Map.

Pierpoint street—Complaint about sidewalk on the south side of Pierpoint street, commencing about fifty feet west of Hicks street.

EDWARD M. GROUT,  
President, Borough of Brooklyn.

## NORMAL COLLEGE OF THE CITY OF NEW YORK.

A SPECIAL MEETING OF THE BOARD OF Trustees of the Normal College of the City of New York will be held at the Hall of the Board of Education, No. 145 Grand street, Borough of Manhattan, on Wednesday, April 12, 1899, at 3.30 o'clock P. M., to consider the question of salaries of the Professors, and for the transaction of other business.

Dated Borough of Manhattan, April 6, 1899.

JOSEPH J. LITTLE,  
Chairman.

A. EMERSON PALMER,  
Secretary.

## MUNICIPAL CIVIL SERVICE COMMISSION.

MUNICIPAL CIVIL SERVICE COMMISSION OF THE CITY OF NEW YORK,  
CENTRE, ELM, FRANKLIN AND WHITE STREETS,  
NEW YORK, April 7, 1899.

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

Tuesday, April 11, 10 A. M. MATE. Subjects: Experience and technical.

Tuesday, April 11, 10 A. M. PILOT AND MASTER. Subjects: Technical and experience.

Friday, April 14, 10 A. M. OFFICE GIRL. Applicants must be under 18 years of age. Subjects: Arithmetic, spelling, dictation, writing and letter-writing.

LEE PHILLIPS,  
Secretary.

## DEPARTMENT OF HIGHWAYS.

DEPARTMENT OF HIGHWAYS,  
COMMISSIONER'S OFFICE, NO. 150 NASSAU STREET,  
NEW YORK, March 27, 1899.

### NOTICE OF SALE AT PUBLIC AUCTION.

ON TUESDAY, APRIL 11, 1899, AT 11 o'clock A. M., the Department of Highways will sell at public auction, by Messrs. Peter F. Meyer & Co., Auctioneers, a one and one-half story frame building within the lines of Eighty-second street, east of Tenth avenue, Borough of Brooklyn.

The sale will take place on the ground.

A plan and description of the building may be examined at the office of the Deputy Commissioner of Highways, Municipal Building, Borough of Brooklyn.

### TERMS OF SALE.

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

WM. N. SHANNON,  
Deputy and Acting Commissioner of Highways.

## BOARD OF PUBLIC IMPROVEMENTS.

BOARD OF PUBLIC IMPROVEMENTS,  
No. 346 BROADWAY, BOROUGH OF MANHATTAN.

NOTICE IS HEREBY GIVEN, THAT A MAP or Plan, showing a general design for a system of avenues, streets, public squares, places, parks, bridges etc., in City Island, Borough of The Bronx, City of New York, having been submitted to the Board of Public Improvements, for its approval, the said Board of Public Improvements will give a public hearing to all persons affected by such said proposed general design, on Wednesday, April 26, 1899, at 2 o'clock P. M., at the office of the said Board, No. 346 Broadway, Borough of Manhattan.

Dated New York, April 4, 1899.

JOHN H. MOONEY,  
Secretary.

BOARD OF PUBLIC IMPROVEMENTS,  
No. 346 BROADWAY, BOROUGH OF MANHATTAN.

NOTICE IS HEREBY GIVEN THAT THE Board of Public Improvements of the City of New York, deeming it for the public interest so to do, proposes to alter the map or plan of The City of New York, by changing the grades of East Two Hundred and Thirty-fifth street, between Katonah avenue and Martha avenue, and changing the grades of East Two Hundred and Thirty-eighth street, between Kepler avenue and Katonah avenue, in the Borough of The Bronx, City of New York, and that a meeting of the said Board will be held in the office of the said Board, at No. 346 Broadway, on the 19th day of April, 1899, at 2 o'clock P. M., at which such proposed change of grades will be considered by said Board; all of which is more particularly set forth and described in the following resolutions adopted by said Board on the 20th day of March, 1899, notice of the adoption of which is hereby given, viz:

Resolved, That the Board of Public Improvements of The City of New York, in pursuance of the provisions of section 436 of chapter 378, Laws of 1897, deeming it for the public interest so to do, proposes to alter the map or plan of The City of New York by changing the grades of East Two Hundred and Thirty-fifth street, between Katonah avenue and Martha avenue, and changing the grades of East Two Hundred and Thirty-

eighth street, between Kepler avenue and Katonah avenue, in the Borough of The Bronx, City of New York, more particularly described as follows:

(a) East Two Hundred and Thirty-fifth street—1st. Beginning at the intersection of Katonah avenue, the elevation to be 140 feet above mean high-water datum, as heretofore.

2d. Thence to a point 350 feet easterly from the eastern curb of Katonah avenue, the elevation to be 143.0 feet above mean high-water datum.

3d. Thence easterly to the intersection with Martha avenue, the elevation to be 135.0 feet above mean high-water datum, as heretofore.

(b) East Two Hundred and Thirty-eighth street—1st. Beginning at the intersection of Kepler avenue, the elevation to be 182 feet above mean high-water datum as heretofore.

2d. Thence to a point 400 feet easterly from the eastern curb-line of Kepler avenue, the elevation to be 186.0 feet above mean high-water datum as heretofore.

3d. Thence to a point 160 feet easterly, the elevation to be 176 feet above mean high-water datum.

4th. Thence easterly to the intersection with Katonah avenue, the elevation to be 140 feet above mean high-water datum as heretofore.

Resolved, That this Board consider the proposed change of grades of the above-named streets at a meeting of this Board, to be held in the office of this Board, on the 19th day of April, 1899, at 2 o'clock P. M.

Resolved, That the Secretary of this Board cause these resolutions, and a notice to all persons affected thereby, that the proposed change of grades of the above-named streets will be considered at a meeting of this Board to be held at the aforesaid time and place, to be published in the City Record for ten days continuously, Sundays and legal holidays excepted, prior to the 19th day of April, 1899.

Dated New York, April 4, 1899.

JOHN H. MOONEY,  
Secretary.

## DEPARTMENT OF CORRECTION.

DEPARTMENT OF CORRECTION,  
CITY OF NEW YORK,  
BOROUGH OF MANHATTAN AND BRONX.

### PROPOSALS FOR MISCELLANEOUS ARTICLES TO BE DELIVERED AT ONCE.

SEALED BIDS OR ESTIMATES FOR FURNISHING MISCELLANEOUS ARTICLES, in conformity with specifications, will be received at the office of the Department of Correction, No. 148 East Twentieth street, in The City of New York, until 10 A. M.

#### TUESDAY, APRIL 18, 1899.

All goods to be delivered on dock (foot of East Twenty-sixth street) for Blackwell's Island Store-house, and quantities allowed as received there.

#### PENITENTIARY REQUISITION 4.

Line No. 15. 3 packages Carriage Bolts, 1 package 2 1/2 by 5-16, 1 package 2 1/4 by 5-16, 1 package 3 by 5-16.

16. 1 package Tire Bolts, 2 1/2 by 5-16.

17. 2 bundles 3/8-inch Round Iron.

18. 2 bundles 3/8-inch square Norway Iron.

19. 1 dozen 8-inch half round Files.

20. 1 dozen 8-inch Rattail Files.

21. 1/2 dozen 6-inch Tapered Files for keys to taper from 1/2-inch to 1-16-inch.

22. 1 Ratchet Brace, 10 inch sweep, for wagon work.

23. 4 kegs 40d common Spikes.

24. 4 kegs 20d common Nails.

25. 1 keg 8d Wrought Nails.

26. 2 dozen pairs 10-inch heavy T Hinges.

27. 2 bundles Bucket Iron, 1-inch gauge, No. 16.

28. 4 packages Black Rivets, 2 packages 4-lb., 2 packages 6-lb.

29. 8 pairs Ice Box Hinges, 5 inches long, galvanized.

30. 3 Auger Bits, 2-3/8-inch, 1-5/8-inch.

31. 8 Spring Ice Box Catches, 4 inches long.

32. 2 dozen Pipe Cutter Wheels, 1-1/2 inch, 1-3/4-inch.

33. 25 pounds Wire Roofing Nails.

34. 25 pounds Tinned Roofing Nails.

35. 1 dozen 14-inch Flat Files.

36. 3 packages Stove Bolts, 1 package 1-inch by 3/4-inch, 1 package 1-inch by 1/2-inch, 1 package 1-inch by 1/4-inch.

37. 1 dozen Tinners' Mallets, 2-inch.

38. 10 pounds Lump Sal Ammonia.

39. 1 set Twist Drills, 1-16-inch to 1/2-inch.

40. 1 set Taps or Dies, 1-16 inch to 1/2-inch.

41. 1 Emery Wheel, 1 inch by 6 inches.

42. 5 gallons Demar Varnish.

43. 2 dozen papers each Upholsterer's Tacks, 3, 4, 6, 8, 10 and 12-ounce.

44. 1/2 dozen each Spear Point Mattress Needles, 14-inch and 18-inch.

45. 1/2 dozen each Circle Needles, 5-inch and 6-inch.

46. 1/2 dozen Upholsterer's Scissors, assorted sizes.

47. 1 dozen pounds Spring Twine.

48. 1/2 dozen Upholsterer's Hammers, 1/2-inch to 3/4-inch face.

49. 1 roll Webb ng.

50. 10 gallons Benzine.

51. 24 boxes White Tailors' Chalk.

52. 12 boxes Red Tailors' Chalk.

53. 24 boxes Platinum Paper, 2 1/4 by 4 1/2 (3 papers in each box).

54. 2 dozen Lantern Burners, as per sample.

55. 10 Oilskin Suits with Hats, assorted sizes.

56. 1 Gas Stove for Female Hospital.

57. No. 30 Plough.

58. 500 feet Garden Line.

59. 1 Hydraulic Ground Lifting Jack, to lift 7 tons; run out 24 inches.

60. 1 Log Camwood, rough, about 3 feet long.

61. 1 Front Slide and Grate for J. L. Mott Improved Laundry Stove, 1895, marked No. 2 Grate, 45 and 60.

62. 1/2 dozen Padlocks, with 2 keys (Tiger), steel, 4-ounce, No. 76.

63. 1-6 dozen Prison Bolt Locks.

64. WORK HOUSE, REQUISITION 4.

65. 1 dozen Lamp Chimneys, Muller No. 2.

66. 1/2 dozen Lamp Chimneys, as per sample.

67. 1 dozen Forged Steel Nickle-plated Key Blanks, No. 375 B.

68. 1/2 dozen Carpenters' Marking Gauges, No. 475.

69. 1/2 dozen 3-inch Brass Spring Bolts, No. 515.

70. 1-5 dozen 50-foot Tape Lines, No. 33.

71. 1 pound spoons, No. 27, Copper Wire.

72. 1 box assorted French Chalk for tailors' use.

73. 8 dozen Bright Wire Screw Eyes—2 dozen No. 9, 2 dozen No. 12, 2 dozen No. 112, 2 dozen No. 114.

74. 1/2 dozen porcelain Gas Bells.

75. 1/2 dozen 6-inch Hinge Hasps.

76. 1,000 Paper Bags, 5 to 20 pounds, assorted.

77. 1 80 gallon Steam Caldron for Kitchen.

78. 25 pieces 1-inch Clear White Pine, 12 inches by 16 feet, D. B. S.

79. 1 14-inch Monkey Wrench.

80. CITY PRISON, REQUISITION 4.

81. 1 dozen Round Alarm Whistles.

82. 1 dozen Brass Drawer Locks, Nos. 5002, 0602.

83. 1 dozen Medium Size Desk Locks.

84. 1 dozen Friction Tools No. 5.

85. STEAMBOATS, REQUISITION 4.

86. 20 feet 1-inch Round Tucks Packing, "Minna-hanock."

87. 1 4-inch Round Whalebone Tube Brush, "Minna-hanock."

88. 1 dozen Earthenware Spittoons, "Minna-hanock."

112. 100 feet 1-inch Rubber Hose, "Gilroy."

113. 1 piece 2 1/2-inch Galvanized Pipe, 21 inches long, "Gilroy."

114. 1 piece 2 1/2-inch Galvanized Pipe, 9 1/2 inches long, "Gilroy."

115. 2 1 1/2-inch Gate Valves, solid disc, "Gilroy."

116. 2 3/4-inch Angle Valves, "Gilroy."

117. 1 Brass Engineer's Oil Set, 1 1/4-inch diameter, "Gilroy."

118. 6-12 dozen Pinafore Lamp Globes, "Gilroy."

119. 6-12 dozen Pinafore Lamp Burners, "Gilroy."

120. 2-12 dozen Cabinet Locks, "Gilroy."

B. I. STABLE, REQUISITION 4.

124. 7 dozen Horseshoe Buckles—1 dozen 1 1/2-inch, 1 dozen 1 1/4-inch, 2 dozen 1 1/2-inch, 2 dozen 1 1/4-inch, 1 dozen 1-inch.

125. 1 dozen Roller Buckles, 1 inch.

126. 2 dozen Black Rings—1 dozen 7/8-inch, 1 dozen 3/4-inch.

127. 3 dozen Assorted Saddlers' Awns, Nos. 51, 52 and 57.

128. 3 papers Harness Needles—1 paper No. 3, 1 paper No. 4, 1 paper No. 5.

B. I. BAKERY—REQUISITION 4.

132. 8 pieces 1 foot 4 inch clear white Pine, 14 inches by 16 feet, D. B. S.

133. 12 pieces 1 inch clear white Pine, 12 inches by 16 feet, D. B. S.

134. 50 feet 1-inch 3-ply Wallabout Hose, with couplings.

DISTRICT PRISONS, REQUISITION 4.

137. 5 pounds Putty.

142. 1/2 dozen 6 degree Flat Paint Brushes.

PENITENTIARY, SPECIAL REQUISITION 104.

201. 10,900 square feet Yellow Pine Flooring, 4 inches wide, 1 1/2 inches thick, dressed both sides with a 1/2-inch bead on one side at the tongue, same as drawing exhibited.

202. 15 gross 1-inch No. 12 Screws.

203. 5 gross 3/4-inch No. 12 Screws.

PENITENTIARY, SPECIAL REQUISITION 111.

204. 50 gallons Black Japan.

FIFTH DISTRICT PRISON, SPECIAL REQUISITION No. 112.

205. 51 feet 1-inch by 1/2-inch Band Iron.

PENITENTIARY, SPECIAL REQUISITION 115.

206. 65 Boxes Lead Plate Roofing Tin, 14 by 20.

207. 300 pounds Wire Roofing Nails.

208. 50 pounds Tinned Roofing Nails.

209. 100 pounds Resin.

210. 2 set Roofing Double Seamers, 1 inch by 3/4 inch.

HART'S ISLAND, SPECIAL REQUISITION 117.

211. 10 pieces Clear White Pine, 16 inches by 16 feet by 7/8-inch dress, both sides.

No bonds or deposit required on bids under One Thousand Dollars. Awards will be made on the lowest items.

THE COMMISSIONER OF CORRECTION RESERVES THE RIGHT TO REJECT ALL BIDS OR ESTIMATES IF DEEMED TO BE FOR THE PUBLIC INTEREST, AS PROVIDED IN SECTION 419, CHAPTER 378, LAWS OF 1897.

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.

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

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 fifty (50) per cent. of the bid for each article.

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 Municipal Assembly, head of a department, chief of a bureau, deputy thereof or clerk thereof, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or work to which it relates, or in any portion of the profits thereof. The bid or estimate must be verified by the oath, in writing, of the party or parties making the estimate that the several matters stated therein are in all respects true. Where more than one person is interested it is requisite that the verification be made and subscribed by all the parties interested.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders, in The City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as his sureties for its faithful performance, and that if he shall omit or refuse to execute the same they shall pay to the Corporation any difference between the sum to which he would be entitled on its completion and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting; the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in The City of New York, and is worth the amount of the security required for the completion of this contract over and above all his debts of every nature, and over and above his liabilities as bail, surety or otherwise, and that he has offered himself as a surety in good faith and with the intention to execute the bond required by section 12 of chapter 7 of the Revised Ordinances of The City of New York, if the contract shall be awarded to the person or persons for whom he consents to become surety. The adequacy and sufficiency of the security offered to be approved by the Comptroller of The City of New York.

No bid or estimate will be considered unless accompanied by either a certified check upon one of the 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 his deposit will be returned to him.

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

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

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, No. 148 East Twentieth street, New York City, or, in the absence of samples, to the printed specifications. Bidders are cautioned to examine the specifications for particulars of the articles, etc., required before making their estimates.

Bidders will write out the amount of their estimates 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 Commissioner may determine.



Parcel No.	FORMER OWNER.	DESCRIPTION.	Minimum Price.
	A. B. Whitlock..	Hen-house.....	\$3 00
	"	Workshop.....	30 00
	"	Machinery, engine, etc.....	100 00
192	Caroline Travis..	House.....	10 00
251	Lewis W. Elliott..	Barn.....	5 00
358	Est. Van Rensselaer..	House.....	5 00
	Est. Van Rensselaer..	Barn.....	5 00
185	Nelson Brothers..	House.....	200 00
	"	"	10 00
	"	"	15 00
	"	Shed.....	1 00
	"	Greenhouse.....	10 00
	"	Barn.....	10 00
	"	Shed.....	10 00
	"	"	2 00
	"	"	2 00
	"	"	10 00
	"	Pig-pen.....	3 00
	"	Shed.....	10 00
	"	Blacksmith shop.....	10 00
	"	Barns, connected.....	100 00
	"	Chicken-house.....	5 00
	"	Spring-house.....	2 00
	"	Ice-house.....	20 00
	"	Barn and connections.....	100 00
	"	Barn.....	10 00
	"	Barley-pit.....	5 00
	"	Shed.....	10 00
	"	Shed.....	15 00
	"	Saw mill and machinery.....	50 00
	"	Barn.....	50 00
	"	House.....	15 00
	"	Shed.....	3 00
	"	Spring-house.....	1 00
	"	Barn.....	75 00
	"	Spring-house.....	1 00
	"	Blacksmith-shop and sheds.....	10 00
	"	Barley-pit.....	25 00
	"	Shed.....	2 00
184	John Owen.....	House.....	125 00
	"	Smoke-house.....	3 00
	"	Chicken-house.....	5 00
	"	Granery.....	10 00
	"	Stable.....	25 00
	"	Cow barns, connected.....	60 00
	"	Spring-house.....	5 00
	"	Barn, old.....	10 00
183	F. T. Hopkins.....	House.....	25 00
	"	Barn.....	20 00
115	F. T. Hopkins.....	House.....	300 00
	"	Tool-house.....	5 00
	"	Ice-house.....	15 00
	"	Stable, old.....	50 00
	"	Corn-crib.....	10 00
	"	Carriage-house.....	50 00
	"	Farm-stable.....	30 00
	"	Shed.....	10 00
	"	Milk-house.....	15 00
	"	Cow-barn, old.....	20 00
	"	"	15 00
	"	Calf-house.....	3 00
	"	Paint-house.....	20 00
	"	Ice-house.....	5 00
	"	Swill-house.....	5 00
	"	Spring-house.....	10 00
	"	House, old.....	30 00
	"	Blacksmith shop.....	3 00
	"	Pigeon-house.....	3 00
	"	Wood-house.....	3 00
	"	Chicken-house.....	3 00
	"	Chicken-house and yard.....	5 00
	"	Windmill and house.....	75 00
114	Estate Lewis Ferris.....	Barn, large.....	35 00
	Estate Lewis Ferris.....	Barn, small.....	20 00
113	Z. M. Knowles.....	House.....	50 00
	"	Carriage-house.....	10 00
	"	Barn.....	10 00
	"	"	5 00
112	Nelson Brothers..	House.....	20 00
	"	Stable.....	20 00
	"	Wash-house.....	3 00
	"	Cow-barns, connected.....	150 00
	"	Corn-crib.....	5 00
	"	Ice-house.....	15 00
	"	House, small.....	8 00
	"	Ash-house.....	2 00
	"	House, tenant.....	10 00
111	Lockwood Reynolds.....	House.....	50 00
110	George Gregory..	Stable.....	25 00
	"	Wood and chicken-house.....	1 00
	"	Cow-barn.....	40 00
	"	Ice-house.....	5 00
108	Est. Eli Reynolds.	House.....	100 00
	"	Carriage-house.....	20 00
	"	Wood-house.....	3 00
	"	Bath-house.....	5 00
	"	Coal-house.....	2 00
	"	Corn-crib.....	1 00
	"	Tool-house.....	1 00
	"	Barns, connected.....	30 00
	"	Ice-house.....	1 00
	"	House.....	5 00
	"	Barn.....	5 00
106	George Palmer..	House.....	10 00
	"	Shop and ice house.....	5 00
	"	Stable.....	10 00
	"	Cow-barn.....	20 00
	"	Sheep-house.....	5 00
	"	Corn-crib and hennery.....	10 00
137	Croton Lake Imp. Co.....	House.....	40 00
	Croton Lake Imp. Co.....	House, small.....	10 00
	Croton Lake Imp. Co.....	Barn.....	30 00
	Croton Lake Imp. Co.....	Barn, small.....	3 00
	Croton Lake Imp. Co.....	Ice-house.....	3 00
	Croton Lake Imp. Co.....	Barn.....	2 00
136	Ann Burr.....	House.....	5 00
135	Adelia Burr.....	House.....	100 00
	"	Carriage-house.....	40 00
	"	Barn, large.....	50 00
	"	Barn, north.....	25 00
	"	Barn, south.....	30 00
	"	Hen-house.....	5 00
	"	Barn, small.....	20 00
	"	Tool house.....	2 00
	"	Corn-crib.....	5 00
	"	"	5 00
	"	Ice-house.....	3 00
130	Abram S. Underhill.....	House.....	10 00
	Abram S. Underhill.....	Barn.....	5 00
	Abram S. Underhill.....	Carriage-house and shed.....	3 00
	Abram S. Underhill.....	Out-house.....	1 00
	Abram S. Underhill.....	Ice-house.....	1 00
	Abram S. Underhill.....	House.....	5 00
131	Amanda Bills....	Grist and saw mills.....	10 00
	"	Stable.....	5 00

Parcel No.	FORMER OWNER.	DESCRIPTION.	Minimum Price.
125	Zillah H. Wood..	Barn, large.....	\$15 00
	"	Barn, small.....	5 00
123	F. T. Hopkins.....	House.....	25 00
	"	Barn.....	10 00
	"	Sheds.....	10 00
	Will be Sold at Pine's Bridge.		
150	Mrs. B. O. Howe..	Barn and cow-stable attached.....	.....
153	Miss Pamela Hyatt	Barn.....	.....
140	Tice's Hotel.....	Horse-shed.....	.....
148	R. S. Ross.....	Dwelling-house.....	.....
12	William T. Purdy.	Barn.....	80 00
	"	Cider-mill.....	10 00
	"	Granery.....	5 00
	"	Cow-shed.....	5 00
	"	Saw-mill.....	5 00
	Will be Sold on Premises.		
101	George W. Hyde.	Dwelling-house (homestead).....	.....
	"	Smoke-house.....	.....
	"	Corn-crib.....	.....
	"	Stables.....	.....
	"	Wagon-house.....	.....
	"	Barn.....	.....
	"	Dwelling, on highway.....	.....
100	Henry Griffin....	Dwelling, on highway.....	.....
69	Daniel Griffin....	House, tenant, on highway.....	.....

## TERMS OF SALE.

First—The purchase money must be paid on the day of sale.

Second—The buildings will be sold to the stone foundations.

Third—The buildings must be off the city's property by July 1.

Fourth—No building will be sold for less than the minimum price given in the CITY RECORD and in the posters.

Fifth—The buildings must be moved to new sites which are at least two hundred and fifty feet from the Croton river or any of its affluents or any drain emptying therein.

Sixth—None of the buildings shall be moved to land required for the New Croton Reservoir, as shown on the maps on file in the County Clerk's office at White Plains, Westchester County, N. Y.

Seventh—If any building or part of same is left on the property of The City of New York on and after the first day of July, 1899, the purchaser shall forfeit all right and title to the buildings or any part of buildings so left, and also to the money part of the consideration paid at the time of sale, and the Aqueduct Commissioners may, at any time on or after the first day of July, 1899, resell said buildings or parts of buildings or remove or destroy the same.

The Aqueduct Commissioners reserve the right to exclude from such sale any building or buildings that may be designated by the Division Engineer.

By order of the Aqueduct Commissioners of The City of New York.

JOHN J. RYAN,  
President.HARRY W. WALKER,  
Secretary.

## DEPARTMENT OF TAXES AND ASSESSMENTS.

THE CITY OF NEW YORK,  
DEPARTMENT OF TAXES AND ASSESSMENTS,  
MAIN OFFICE, BOROUGHS OF MANHATTAN,  
No. 280 BROADWAY, STEWART BUILDING,  
January 3, 1899.

NOTICE IS HEREBY GIVEN AS REQUIRED by "The Greater New York Charter," that the books called "The Annual Record of the Assessed Valuation of Real and Personal Estate of the Boroughs of Manhattan, The Bronx, Brooklyn, Queens and Richmond, comprising The City of New York," will be open for examination and correction on the second Monday of January, and will remain open until the 1st day of May, 1899.

During the time that the books are open to public inspection application may be made by any person or corporation claiming to be aggrieved by the assessed valuation of real or personal estate, to have the same corrected.

In the Borough of Manhattan, at the main office of the Department of Taxes and Assessments, No. 280 Broadway.

In the Borough of The Bronx, at the office of the Department, Municipal Building, One Hundred and Seventy-seventh street and Third avenue.

In the Borough of Brooklyn, at the office of the Department, Municipal Building.

In the Borough of Queens, at the office of the Department, Hackett Building, Jackson avenue and Fifth street, Long Island City.

In the Borough of Richmond, at the office of the Department, Richmond Building, New Brighton.

Corporations in all the boroughs must make applications only at the main office in the Borough of Manhattan.

Applications in relation to the assessed valuation of personal estate must be made by the person assessed at the office of the Department in the borough where such person resides, and in the case of a non-resident carrying on business in The City of New York, at the office of the Department of the borough where such place of business is located, between the hours of 10 A. M. and 2 P. M., except on Saturdays, when all applications must be made between 10 A. M. and 12 noon.

THOMAS L. FEITNER,  
President.  
EDWARD C. SHEEHY,  
THOMAS J. PATTERSON,  
WILLIAM F. GRELL,  
ARTHUR C. SALMON,  
Commissioners of Taxes and Assessments.

## POLICE DEPARTMENT.

POLICE DEPARTMENT—CITY OF NEW YORK, 1898.

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.

JOHN F. HARRIOT,  
Property Clerk.POLICE DEPARTMENT—CITY OF NEW YORK,  
BOROUGH OF BROOKLYN.

OWNERS WANTED BY THE DEPUTY PROPERTY Clerk of the Police Department of The City of New York—Office, Municipal Building, Borough of Brooklyn—for the following property now in his custody without claimants: 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.

CHARLES D. BLATCHFORD,  
Deputy Property Clerk.

## DEPARTMENT OF EDUCATION.

SEALED PROPOSALS WILL BE RECEIVED by the Committee on Buildings of the Board of Education of The City of New York, at the Annex to the Hall of the Board, No. 585 Broadway, eleventh floor, Borough of Manhattan, until 4 o'clock P. M. on

MONDAY, APRIL 24, 1899.

for erecting a new school building on Sixty-sixth and Sixty-seventh streets, between First avenue and Avenue A, Borough of Manhattan, to be known as Public School 183.

Plans and specifications may be seen and blank proposals obtained at the Annex of the Hall of the Board of Education, Estimating Room, Nos. 419 and 421 Broome street, Manhattan.

The attention of bidders is expressly called to the time stated in the contract within which the work must be completed. They are expressly notified that the successful bidder will be held strictly to completion within said time.

The Committee reserves the right to reject any or all of the proposals submitted.

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

Two responsible and approved sureties, residents of this city, are required in all cases. One of the sureties must be a surety company doing business in this city when the amount of the bid exceeds two thousand dollars.

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

It is required, as a condition precedent to the reception or consideration of any proposals, that a certified check upon, or a certificate of deposit of, one of the State or National Banks or Trust Companies of The City of New York, drawn to the order of the President of the Board of Education, shall accompany the proposal, to an amount of not less than three per cent. of such proposal when said proposal is for or exceeds ten thousand dollars, and to an amount of not less than five per cent. of such proposal when said proposal is for an amount under ten thousand dollars; that on demand, within one day after the awarding of the Contract by the Committee, the President of the said Board will return all the deposits of checks and certificates of deposit made to the persons making the same, except that made by the person or persons whose bid has been accepted; and that if the person or persons whose bid has been accepted shall refuse or neglect, within five days after due notice has been given that the contract is ready for execution, to execute the same, the amount of the deposit or of the check or certificate of deposit made by him or them shall be forfeited to and retained by this Board, not as a penalty, but as liquidated damages for such neglect or refusal, and shall be paid into the City Treasury to the credit of the Sinking Fund of The City of New York; but if the said person or persons whose bid has been accepted shall execute the contract within the time aforesaid, the amount of his or their deposit of check or certificate of deposit shall be returned to him or them.

Dated BOROUGH OF MANHATTAN, April 11, 1899.

RICHARD H. ADAMS,  
CHARLES E. ROBERTSON,  
GEORGE LIVINGSTON,  
JOHN T. BURKE,  
MILES M. O'BRIEN,  
JOHN R. THOMPSON,  
F. DE HASS SIMONSON,  
Committee on Buildings.

OFFICE OF THE BOARD OF EDUCATION,  
No. 146 GRAND STREET, NEW YORK.

SEALED PROPOSALS WILL BE RECEIVED at the office of the Board of Education, corner of Grand and Elm streets, until

APRIL 26, 1899.

at 4 P. M., for supplying Coal and Wood required for the Public Schools in the city, and also the offices of the Board of Education, and the several School Boards for the year ending May 1, 1900, as follows: Sixty thousand (60,000) tons of coal, more or less, and eighty five (85) cords of oak, and fifteen hundred (1,500) cords of pine wood, more or less. The coal must be of the best quality of white ash—broken, egg, stove and nut sizes—clean and in good order, two thousand two hundred and forty (2,240) pounds to the ton, and must be delivered in the bins of the several school buildings of the several boroughs at such times and in such quantities as may be required by the Committee on Supplies.

The proposals must state the mines from which it is proposed to supply the coal (to be furnished from the mines named, if accepted), and must state the price per ton of two thousand two hundred and forty (2,240) pounds.

The quantities of the various sizes of coal and wood required for use in the several boroughs will be about as follows, viz:

For the Boroughs of Manhattan and The Bronx.  
Twenty-eight thousand (28,000) tons of broken size.  
Five thousand (5,000) tons of egg size.  
Six hundred (600) tons of stove size.  
Six hundred (600) tons of nut size.  
Twelve (12) cords of oak wood, 12 inches long.  
Three hundred (300) cords of pine kindling wood, 9 inches long.

For the Borough of Brooklyn.  
Sixteen thousand (16,000) tons of egg or broken size, as required.  
Six hundred (600) tons of stove size.  
Ten (10) cords of oak wood, 12 inches long.  
Three hundred and twenty-five (325) cords of pine wood, 12 and 24 inches long.

For the Borough of Richmond.  
Fifty (50) tons of nut size.  
Five hundred (500) tons of stove size.  
One thousand nine hundred and fifty (1,950) tons of egg size or broken size.  
One hundred and fifty (150) cords of pine wood, 12 and 17 inches long.  
Ten (10) cords of oak wood, 12 and 17 inches long.

For the Borough of Queens.  
Six thousand five hundred (6,500) tons of egg or broken size.  
Five hundred (500) tons of stove size.  
Five hundred (500) tons of nut size.  
Two hundred (200) cords of pine wood, 9 and 24 inches long.

Fifty (50) cords of oak wood, 9 and 24 inches long.  
The oak wood must be of the best quality; the pine wood must be of the best quality Virginia, first growth, and sound. The proposals must state the price per cord of one hundred and twenty-eight (128) cubic feet, solid measure, for both oak and pine wood. The wood, both oak and pine, must be delivered sawed and split, and must be piled in the yards, cellars, vaults, or bins, of the school buildings in each particular borough as may be designated by the proper authorities, and measures for payment are to be made by the Inspectors of Fuel of the Board of Education of the said wood so piled in the school buildings.

The coal and wood for the boroughs of Manhattan and The Bronx, Brooklyn, Richmond and Queens must be delivered at such times and in such quantities as the Committee on Supplies may require, and in accordance with the rules and regulations above.

Said coal and wood will be inspected and weighed, and said wood measured under the supervision of the Inspectors of Fuel of the Board of Education.

The contractor or contractors will be required to present with every bill for deliveries an original bill of lading with each load or carload as partial evidence of the kind and quality of the coal claimed to have been delivered, and with all bills to present an affidavit stating

the quantity and quality of coal delivered, where the same was weighed, and certifying to the correctness of said claim.

The coal and wood must be delivered at the schools in the Boroughs of Manhattan and The Bronx, Brooklyn, Queens and Richmond, as follows:

Two-thirds (2/3) of the quantity of each between the fifteenth (15th) day of May and the thirty-first (31st) day of October, and the remainder as required by the Committee on Supplies; the contracts for supplying said coal and wood to be binding until the first (1st) day of May, nineteen hundred (1900).

Surety by one of the guarantee companies, for the faithful performance of the contract, will be required. No compensation above the contract price will be allowed for delivering said coal and wood at any of the schools, nor for putting or piling the same in the yards, cellars, vaults or bins of said school buildings.

All the coal to be delivered in pursuance of this contract is to be weighed at the schools or at the nearest practicable point to place of delivery, on such scales as may be designated, said scales to be moved, stored and kept in repair by the contractor or contractors, at their expense.

In all cases the weighing is to take place in the presence and under the supervision of the Inspectors or Weighers of the Board of Education.

Proposals will be received for the supplying of coal and wood, or both, for all the schools in The City of New York, but separate bids will be required for each particular borough, the Boroughs of Manhattan and The Bronx in all cases to be considered as one.

Proposals must be directed to the Committee on Supplies of the Board of Education, and should be indorsed "Proposals for Coal," and "Proposals for Wood," as the case may be, naming the particular borough.

The Committee reserve the right to impose such conditions and penalties in the contract as it may deem proper and to reject any or all proposals received when deemed best for the public interest.

Any further information can be obtained from the Superintendent of School Supplies.

THADDEUS MORIARTY,  
JOHN GRIFFIN,  
GEORGE LIVINGSTON,  
JOSEPH J. KITTEL,  
WALDO H. RICHARDSON,  
Committee on Supplies.

Dated APRIL 10, 1899.

SEALED PROPOSALS WILL BE RECEIVED by the Committee on Buildings of the Board of Education of The City of New York, at the Annex to the Hall of the Board, No. 585 Broadway, eleventh floor, Borough of Manhattan, until 4 o'clock P. M. on

THURSDAY, APRIL 20, 1899.

for erecting a new school building on north side of Butler street, between Fourth and Fifth avenues,

Borough of Brooklyn.

Plans and specifications may be seen and blank proposals obtained at the Annex of the Hall of the Board of Education, Estimating Room, Nos. 419 and 421 Broome street, Manhattan.

The attention of bidders is expressly called to the time stated in the contract within which the work must be completed. They are expressly notified that the successful bidder will be held strictly to completion within said time.

The Committee reserves the right to reject any or all of the proposals submitted.

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

Two responsible and approved sureties, residents of this city, are required in all cases. One of the sureties must be a surety company doing business in this city when the amount of the bid exceeds two thousand dollars.

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

It is required, as a condition precedent to the reception or consideration of any proposals, that a certified check upon, or a certificate of deposit of, one of the State or National banks or Trust Companies of The City of New York, drawn to the order of the President of the Board of Education, shall accompany the proposal, to an amount of not less than three per cent. of such proposal when said proposal is for or exceeds ten thousand dollars, and to an amount of not less than five per cent. of such proposal when said proposal is for an amount under ten thousand dollars; that on demand, within one day after the awarding of the contract by the Committee, the President of the said Board will return all the deposits of checks and certificates of deposit made to the persons making the same, except that made by the person or persons whose bid has been accepted; and that if the person or persons whose bid has been accepted shall refuse or neglect, within five days after due notice has been given that the contract is ready for execution, to execute the same, the amount of the deposit or of the check or certificate of deposit made by him or them shall be forfeited to and retained by this Board, not as a penalty, but as liquidated damages for such neglect or refusal, and shall be paid into the City Treasury to the credit of the Sinking Fund of The City of New York; but if the said person or persons whose bid has been accepted shall execute the contract within the time aforesaid, the amount of his or their deposit of check or certificate of deposit shall be returned to him or them.

Dated BOROUGH OF MANHATTAN, April 7, 1899.



such proposal when said proposal is for an amount under ten thousand dollars; that, on demand, within one day after the awarding of the contract by the Committee, the President of the said Board will return all the deposits of checks and certificates of deposit made, to the persons making the same, except that made by the person or persons whose bid has been accepted; and that if the person or persons whose bid has been so accepted shall refuse or neglect, within five days after due notice has been given that the contract is ready for execution, to execute the same, the amount of the deposit or of the check or certificate of deposit made by him or them shall be forfeited to and retained by this Board, not as a penalty, but as liquidated damages for such neglect or refusal, and shall be paid into the City Treasury to the credit of the Sinking Fund of the City of New York; but if the said person or persons whose bid has been so accepted shall execute the contract within the time aforesaid, the amount of his or their deposit of check or certificate of deposit shall be returned to him or them.

Dated Borough of Manhattan, April 3, 1899,  
 RICHARD H. ADAMS,  
 CHARLES E. ROBERTSON,  
 GEORGE LIVINGSTON,  
 JOHN T. BURKE,  
 MILES M. O'BRIEN,  
 JOHN R. THOMPSON,  
 F. DE HASS SIMONSON,  
 Committee on Buildings.

## DEPARTMENT OF WATER SUPPLY.

DEPARTMENT OF WATER SUPPLY,  
 COMMISSIONER'S OFFICE,  
 No. 150 NASSAU STREET,  
 NEW YORK, April 5, 1899.

### TO CONTRACTORS.

BIDS OR ESTIMATES, INCLOSED IN A sealed envelope, with the title of the work and the name of the bidder indorsed thereon, also the number of the work as in the advertisement, will be received at No. 15, Nassau street, corner of Spruce street, in Room No. 1704, until 2 o'clock P. M., on

THURSDAY, APRIL 20, 1899.

The bids will be publicly opened by the head of the Department, in Room 1722, No. 150 Nassau street, at the hour above-mentioned.

### Boroughs of Manhattan and The Bronx.

- No. 1. FOR REPAIRS TO AQUEDUCT VIA DUCT AT SING SING AND TO AQUEDUCT GATE-HOUSES AT HIGH BRIDGE.
- No. 2. FOR FURNISHING THE DEPARTMENT OF WATER SUPPLY WITH 9500 GROSS TONS (2240 pounds to a ton) OF EGG-SIZE WHITE ASH ANTHRACITE COAL.
- No. 3. FOR FURNISHING CAST IRON WATER PIPES, BRANCH PIPES AND SPECIAL CASTINGS.
- No. 4. FOR FURNISHING STOP COCKS, HYDRANTS, WOODEN HYDRANT BOXES AND CAST IRON STOP COCK BOXES AND COVERS.

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

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

The consent last above mentioned must be accompanied by the oath or affirmation, in writing, of each of the persons signing the same that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of the contract, over and above 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 not be inclosed in a sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate-book, and no estimate can be deposited in said book 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.

THE COMMISSIONER OF WATER SUPPLY 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 in Room No. 1715.

WILLIAM DALTON,  
 Commissioner of Water Supply.

### CORPORATION NOTICE.

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

#### BOROUGH OF BROOKLYN.

- List 5724, No. 1. Sewer in Forty-eighth street, between Fifth and Sixth avenues, and in Sixth avenue, between Forty-seventh and Forty-eighth streets.
- List 5742, No. 2. Sewer in Irving street, between Columbia street and Van Brunt street.
- List 5743, No. 3. Sewer in North Tenth street, between Roebling street and Driggs avenue.

The limits within which it is proposed to lay the said assessments include all the several houses and lots of

ground, vacant lots, pieces and parcels of land situated on—

No. 1. Both sides of Forty-eighth street, from Fifth to Sixth avenues, and extending to one-half the block, and both sides of Sixth avenue, from Forty-seventh to Forty-eighth street.

No. 2. Both sides of Irving street, from Columbia street to Van Brunt street.

No. 3. Both sides of North Tenth street, from Roebling street to Driggs avenue.

All persons whose interests are affected by the above-named proposed assessments, and who are opposed to the same, or either of them, are requested to present their objections, in writing, to the Secretary of the Board of Assessors, No. 320 Broadway, New York, on or before May 9, 1899, at 11 A. M., at which time and place the said objections will be heard and testimony received in reference thereto.

EDWARD MCCUE,  
 EDWARD CAHILL,  
 THOS. A. WILSON,  
 PATRICK M. HAVERTY,  
 JOHN B. MEYENBORG,  
 Board of Assessors.

WILLIAM H. JASPER,  
 Secretary,  
 No. 320 Broadway,  
 CITY OF NEW YORK, BOROUGH OF MANHATTAN,  
 April 6, 1899.

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

#### BOROUGH OF BROOKLYN.

List 5697, No. 1. Sewer in Forty-sixth street, between First and Third avenues.

List 5698, No. 2. Sewer in Pacific street, between Ralph and Buffalo avenues.

List 5699, No. 3. Sewer in Folsom place, between Linwood and Essex streets.

List 5700, No. 4. Sewer in Suydam street, between Irving and Wyckoff avenues.

List 5786, No. 5. Repaving Lafayette avenue, from Ryerson street to the easterly crosswalk of Grand avenue, with asphalt pavement.

List 5903, No. 6. Repaving Twelfth street, from Third to Seventh avenues, with asphalt pavement.

The limits within which it is proposed to lay the said assessments include all the several houses and lots of ground, vacant lots, pieces and parcels of land situated on—

No. 1. Both sides of Forty-sixth street, from First to Third avenue.

No. 2. Both sides of Pacific street, from Buffalo to Ralph avenue and extending north and south of Pacific street 100 feet.

No. 3. Both sides of Folsom place, from Linwood to Essex streets; also block bounded by Fulton street, Folsom place, Linwood and Essex streets.

No. 4. Both sides of Suydam street, from Irving to Wyckoff avenue, and east side of Irving avenue and west side of Wyckoff avenue, from Hart to Suydam street.

No. 5. Both sides of Lafayette avenue, from the easterly crosswalk of Ryerson street to the easterly crosswalk of Grand avenue.

No. 6. Both sides of Twelfth street, from Third to Seventh avenue.

All persons whose interests are affected by the above-named proposed assessments, and who are opposed to the same, or either of them, are requested to present their objections, in writing, to the Secretary of the Board of Assessors, No. 320 Broadway, New York, on or before May 2, 1899, at 11 A. M., at which time and place the said objections will be heard and testimony received in reference thereto.

EDWARD MCCUE,  
 EDWARD CAHILL,  
 THOS. A. WILSON,  
 PATRICK M. HAVERTY,  
 JOHN B. MEYENBORG,  
 Board of Assessors.

WILLIAM H. JASPER,  
 Secretary,  
 No. 320 Broadway,  
 CITY OF NEW YORK, BOROUGH OF MANHATTAN,  
 March 31, 1899.

## DEPARTMENT OF FINANCE.

PETER F. MEYER, AUCTIONEER.

### SALE OF LEASES OF CITY PROPERTY.

THE COMPTROLLER OF THE CITY OF NEW YORK will sell at public auction to the highest bidder of yearly rentals, at his office in the Stewart Building, No. 280 Broadway, on

THURSDAY, APRIL 27, 1899,

at 12 o'clock M., leases for the term of five years, from May 1, 1899, of the following parcels of property belonging to the Corporation of the City of New York:

#### Land—Borough of Brooklyn.

1. The property on Barren Island belonging to the City of New York, consisting of about 112 acres of land.

#### Buildings—Borough of Manhattan.

2. The premises on the easterly side of the Old Croton Aqueduct, south of West One Hundred and Fifty-second street, to wit: Beginning at a point 128.05 feet east of the easterly line of Amsterdam avenue and 2.85 feet south of the southerly line of West One Hundred and Fifty-second street; running thence southerly parallel with Amsterdam avenue 97.07 feet to the centre line of the block; thence westerly along the centre line of the block 70.78 feet to the easterly line of the Old Croton Aqueduct property; thence northeasterly along the easterly line of the old Croton Aqueduct property to the point or place of beginning, together with the buildings thereon.

3. The premises on the southeasterly corner of Amsterdam avenue and West One Hundred and Fifty-second street, being 58 feet and  $\frac{1}{4}$  of an inch on West One Hundred and Fifty-second street; 98 feet and  $\frac{3}{4}$  of an inch along the westerly line of the old Croton Aqueduct, and 78 feet 10 inches on Amsterdam avenue, together with the buildings thereon.

4. The premises on the north side of West One Hundred and Fifty-first street, 225 feet east of Amsterdam avenue, being 50 feet in front and rear and 99 feet 11 inches in depth on each side, together with the buildings thereon.

5. The premises on the north side of West One Hundred and Fifty-first street, 150 feet east of Amsterdam avenue, being 25 feet in front and rear and 99 feet 11 inches in depth on each side, together with the buildings thereon.

6. The premises on the north side of West One Hundred and Fifty-first street, 125 feet east of Amsterdam avenue, being 25 feet in front and rear and 99 feet 11 inches in depth on each side, together with the buildings thereon.

#### Market Cellars—Borough of Manhattan.

7. Cellar No. 1, Centre Market Building.
8. " 2, " "
9. " 3, " "
10. " 4, " "
11. " 5, " "
12. " 6, " "
13. " 7, " "
14. " 8, " "
15. " 9, " "
16. " 10, " "
17. " 11, " "

#### Market Buildings—Borough of Manhattan.

18. The upper part of the northerly portion of the Centre Market building, now leased to Brian G. Hughes.

19. The offices fronting on the Sixth avenue side of

the second and third floors of the Jefferson Market building, and the room in the easterly tower of the same. Upon the following

#### TERMS AND CONDITIONS OF SALE.

The highest bidder will be required to pay the auctioneer's fee and twenty-five per cent. of the amount of the yearly rental bid at the time and place of sale.

The amount so paid for one-quarter's rent shall be forfeited if the successful bidder does not execute the lease when notified that it is ready for execution. He will also be required to give a bond in double the amount of the annual rent bid, with two sufficient sureties, to be approved by the Comptroller, conditioned for the payment of the rent, quarterly, in advance, and for the performance and fulfillment of the covenants and terms of the lease.

No person will be received as lessee or surety who is a delinquent on any former lease from the corporation, and no bid will be accepted from 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, as provided by law.

No alteration shall be made in any of the premises except with the consent of the Comptroller, and all alterations made are to be made at the expense of the lessee.

The lessee shall be required to make all repairs necessary to keep the premises in good tenable condition, including repairs to the roofs, at his own expense, excepting that in the leases of the Centre Market Building and the Jefferson Market Building the city shall keep the roofs in repair.

The leases will be in the usual form of leases of like property, a copy of which may be seen at the Bureau for the Collection of City Revenue, and of Markets, Department of Finance, Room 80, Stewart Building, corner Chambers street and Broadway, Borough of Manhattan. Each lease will contain, in addition to other terms, a covenant or condition reserving to the corporation the right to cancel the same whenever the premises may be required by them for public purposes, upon thirty days' notice.

The Comptroller shall have the right to reject any bid if deemed to be for the best interest of the city.

By order of the Commissioners of the Sinking Fund.

BIRD S. COLER,

Comptroller.

CITY OF NEW YORK—DEPARTMENT OF FINANCE,  
 COMPTROLLER'S OFFICE, April 10, 1899.

### NOTICE TO PROPERTY-OWNERS

IN PURSUANCE OF SECTION 1018 OF THE Greater New York Charter, the Comptroller of the City of New York hereby gives public notice to all persons, owners of property, affected by the following assessments for LOCAL IMPROVEMENTS, in the BOROUGH OF MANHATTAN:

#### ELEVENTH WARD.

LEWIS STREET—PAVING, between Houston and Eighth streets. Area of assessment: On Block No. 356, Lots numbered 2 to 9, inclusive; on Block No. 357, Lots numbered 35, 36, 40 to 42, inclusive; 67 to 72, inclusive; 79, 82, 86, 88 to 91, inclusive; on Block No. 358, Lots numbered 8 to 22, inclusive, and 41; on Block No. 359, Lot No. 48; on Block No. 360, Lots numbered 12 to 14, inclusive, 16, 27 to 32, inclusive, 59 and 60.

That the same was confirmed by the Board of Assessors on April 4, 1899, and entered on same date in the Record of Titles of Assessments Confirmed, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessments, interest will be collected thereon, as provided in section 1019 of said Greater New York Charter. Said section provides that, "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment to charge, collect and receive interest thereon at the rate of seven per cent. per annum, to be calculated from the date of such entry to the date of payment."

The above assessment is payable to the Collector of Assessments and Arrears at the office of the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, No. 280 Broadway, Borough of Manhattan, between the hours of 9 A. M. and 2 P. M., and on Saturdays from 9 A. M. to 12 M., and all payments made thereon on or before June 3, 1899, will be exempt from interest, as above provided, and after that date will be subject to a charge of interest at the rate of seven per cent. per annum from the date of entry in the Record of Titles of Assessments in said Bureau to the date of payment.

BIRD S. COLER,

Comptroller.

CITY OF NEW YORK—DEPARTMENT OF FINANCE,  
 COMPTROLLER'S OFFICE, April 7, 1899.

### NOTICE TO PROPERTY-OWNERS.

IN PURSUANCE OF SECTION 1018 OF THE Greater New York Charter, the Comptroller of the City of New York hereby gives public notice to all persons, owners of property, affected by the following assessments for LOCAL IMPROVEMENTS in the BOROUGH OF THE BRONX:

#### TWENTY-THIRD WARD.

BREMER AVENUE—SEWER, between One Hundred and Sixty-eighth street and the summit in avenue south of One Hundred and Sixty-eighth street; also SEWER IN NELSON AVENUE, between One Hundred and Sixty-eighth and One Hundred and Sixty-ninth streets. Area of assessment: Lots numbered 17 and 27 of Block 2510; Lots numbered 31 and 35 of Block 2515; also, both sides of Nelson avenue, between One Hundred and Sixty-eighth and One Hundred and Sixty-ninth streets, and the north side of One Hundred and Sixty-eighth street, between Nelson and Ogden avenues.

COURTLAND AVENUE—REGULATING, GRADING, CURBING, FLAGGING AND LAYING CROSSWALKS on the westerly side, from the northerly curb line of One Hundred and Forty-sixth street to a point about 125 feet northerly therefrom. Area of assessment: Lots numbered 1, 4 to 9, inclusive, 31, 33 and 34, of Block 2,327, and lots numbered 75, 81 to 84, inclusive, and 87, of Block No. 2,329.

FREEMAN STREET—SEWER, between Intervale avenue and Southern Boulevard. Area of assessment: Both sides of Freeman street, between Intervale avenue and Vyse street; both sides of the Southern Boulevard, between Home and Jennings streets; both sides of Fox street, between Home and Freeman streets; both sides of Wilkins place, between Freeman and Jennings streets; also both sides of Hoe street, from Freeman street to a point about 400 feet north of Freeman street.

GERARD AVENUE—SEWER, between Jerome avenue and One Hundred and Sixty-seventh street; also SEWER IN ONE HUNDRED AND SIXTY-NINTH STREET, between Gerard avenue and the Concourse. Area of assessment: Both sides of Gerard avenue, between One Hundred and Sixty-seventh street and Clark place; both sides of One Hundred and Sixty-ninth street, between Gerard avenue and the Concourse, also both sides of Walton avenue, between One Hundred and Sixty-eighth street and Clark place.

UNION AVENUE—SEWER, between One Hundred and Sixty-ninth street and Boston road. Area of assessment: Both sides of Union avenue, between One Hundred and Sixty-ninth street and Boston road; both sides of Boston road, between One Hundred and Sixty-ninth and One Hundred and Seventieth streets; both sides of Clinton avenue, between One Hundred and Sixty-ninth and Jefferson streets; both sides of Jefferson street, between Franklin avenue and Boston road; both sides of Franklin avenue, from Jefferson street to a point about 500 feet south of Jefferson street, also, north side of One Hundred and Sixty-ninth street, from Clinton avenue to a point about 150 feet westerly therefrom.

ONE HUNDRED AND SIXTY-SEVENTH STREET—REGULATING, GRADING, CURBING, FLAGGING AND LAYING CROSSWALKS, between Jerome and Sheridan avenues. Area of assessment: Both sides of One Hundred and Sixty-seventh street, between Jerome and Sheridan avenues, and to the extent of half the blocks on the intersecting and terminating avenues.

JEROME AVENUE—BASINS, on northwest and southwest corners of Featherbed lane, and the northeast and southeast corners of One Hundred and Seventy-fourth street. Area of assessment: Both sides of Jerome avenue, between Belmont street and Clifford place; both sides of Featherbed lane and One Hundred and Seventy-fourth street, between Townsend and Harrison avenues, and west side of Harrison avenue, between Featherbed lane and Grand avenue.

That the same were confirmed by the Board of Assessors on April 4, 1899, and entered on same date in the Record of Titles of Assessments Confirmed, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessments, interest will be collected thereon, as provided in section 1019 of said Greater New York Charter. Said section provides that, "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment to charge, collect and receive interest thereon at the rate of seven per cent. per annum, to be calculated from the date of such entry to the date of payment."

The above assessments are payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, at Crotona Park Building, corner of One Hundred and Seventy-seventh street and Third avenue, Borough of The Bronx, between the hours of 9 A. M. and 2 P. M., and on Saturdays from 9 A. M. to 12 M., and all payments made thereon on or before June 3, 1899, will be exempt from interest, as above provided, and after that date will be subject to a charge of interest at the rate of seven per cent. per annum from the date of entry in the Record of Titles of Assessments in said Bureau to the date of payment.

BIRD S. COLER,

Comptroller.

CITY OF NEW YORK—DEPARTMENT OF FINANCE,  
 COMPTROLLER'S OFFICE, April 7, 1899.

### NOTICE TO PROPERTY-OWNERS.

IN PURSUANCE OF SECTION 1018 OF THE Greater New York Charter, the Comptroller of the City of New York hereby gives public notice to all persons, owners of property, affected by the following assessments for LOCAL IMPROVEMENTS in the BOROUGH OF BROOKLYN:

#### FIRST WARD.

JORALEMON STREET—REPAVING, between Court and Fulton streets. Area of assessment: Both sides of Joralemon street, between Fulton and Court streets.

#### FOURTH WARD.

WILLOUGHBY STREET—REPAVING, between Adams and Bridge streets. Area of assessment: Both sides of Willoughby street, between Adams and Bridge streets.

#### TENTH WARD.

BUTLER STREET—REPAVING, between Court and Smith streets. Area of assessment: Both sides of Butler street, between Court and Smith streets.

#### TWENTY-SECOND WARD.

EIGHTH STREET—REPAVING, between Fifth and Sixth avenues. Area of assessment: Both sides of Eighth street, between Fifth and Sixth avenues.

FIFTH STREET—REPAVING, between Sixth and Seventh avenues. Area of assessment: Both sides of Fifth street, between Sixth and Seventh avenues.

#### TWENTY-FOURTH WARD.

DEAN STREET—REPAVING, between Brooklyn and Kingston avenues. Area of assessment: Both sides of Dean street, between Brooklyn and Kingston avenues.

#### TWENTY-FIFTH WARD.

JEFFERSON AVENUE—REPAVING, between Reid and Patchen avenues. Area of assessment: Both sides of Jefferson avenue, between Reid and Patchen avenues.

#### TWENTY EIGHTH WARD.

HANCOCK STREET—REPAVING, between Central avenue and Broadway. Area of assessment: Both sides of Hancock street, between Central avenue and Broadway.

That the same was confirmed by the Board of Assessors on April 4, 1899, and entered on same date in the Record of Titles of Assessments Confirmed, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessments, interest will be collected thereon, as provided in section 1019 of said Greater New York Charter.

Said section provides that, "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment to charge, collect and receive interest thereon at the rate of seven per cent. per annum, to be calculated from the date of such entry to the date of payment."

The above assessments are payable to the Collector of Assessments and Arrears at the office of the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, in the Municipal Building, Borough of Brooklyn, between the hours of 9 A. M. and 2 P. M., and on Saturdays from 9 A. M. to 12 M., and all payments made thereon on or before June 3, 1899, will be exempt from interest, as above provided, and after that date will be subject to a charge of interest at the rate of seven per cent. per annum from the date of entry in the Record of Titles of Assessments in said Bureau to the date of payment.

BIRD S. COLER,

Comptroller.

CITY OF NEW YORK—DEPARTMENT OF FINANCE,  
 COMPTROLLER'S OFFICE, April 7, 1899.

### NOTICE TO TAXPAYERS OF SECOND WARD (LATE TOWN OF NEWTOWN), BOROUGH OF QUEENS.

#### DEPARTMENT OF FINANCE,

BUREAU FOR THE COLLECTION OF ASSESSMENTS

AND ARREARS,

CITY OF NEW YORK, April 3, 1899.

UNDER THE PROVISIONS OF CHAPTER 80, Laws of 1899, public notice is hereby given, that "Any tax heretofore levied for town, state and county purposes in arrears at the time of the passage of this act in that part of The City of New York which heretofore and before the first day of January, 1898, formed and constituted the town of Newtown, in the County of Queens, may be paid and discharged of record at any time before the fifteenth (15th) day of September, 1899, with interest at the rate of two (2) per centum per annum."

Also, that "any lot, piece or parcel of land within the boundaries of that part of The City of New York, constituting the Town of Newtown prior to January 1, 1898, which has been heretofore sold for unpaid taxes, where the same was bid in, in the name of said Town of Newtown, and where the certificates of sale have not been assigned at the date of the passage of this act, may be redeemed



from such sale and sales by the payment of the face of the tax or taxes for which the same was sold, with interest at the rate of two per centum per annum, and such taxes shall be thereby satisfied and discharged of record; provided such payment be made prior to the thirty-first (31st) day of December, 1899."

On and after Monday, April 3, 1899, payments may be made, under the provisions of this act, to the undersigned, at his office, in the Borough of Queens, Hackett Building, corner of Jackson Avenue and Fifth Street, First Ward (formerly Long Island City), between the hours of 9 A. M. and 2 P. M.; Saturdays, 9 to 12 M.

EDWARD GILON,  
Collector of Assessments and Arrears.

## NOTICE TO PROPERTY OWNERS.

IN PURSUANCE OF SECTION 1018 OF THE Greater New York Charter, the Comptroller of The City of New York hereby gives public notice to all persons, owners of property, affected by the following assessments for LOCAL IMPROVEMENTS, in the BOROUGH OF THE BRONX:

## TWENTY-THIRD WARD.

FRANKLIN AVENUE—SEWER, between One Hundred and Sixty-eighth and One Hundred and Sixty-ninth streets. Area of assessment: Both sides of Franklin Avenue, between One Hundred and Sixty-eighth and One Hundred and Sixty-ninth streets, also north side of One Hundred and Sixty-eighth street, between Franklin Avenue and Boston Road.

ST. MARY'S STREET—REGULATING, GRADING, CURBING, FLAGGING, LAYING CROSSWALKS AND FENCING, between St. Ann's and Robbings Avenues. Area of assessment: Both sides of St. Mary's street, between St. Ann's and Robbings Avenues, and to the extent of half the blocks on the intervening and terminating Avenues.

TINTON AVENUE—SEWER, between One Hundred and Sixty-ninth and Home Streets, with BRANCH SEWER in One Hundred and Sixty-eighth street, between Tinton Avenue and Boston Road. Area of assessment: Both sides of Tinton Avenue, between One Hundred and Sixty-ninth and Home Streets; also, both sides of One Hundred and Sixty-eighth street, between Tinton Avenue and Boston Road.

—that the same were confirmed by the Board of Assessors on March 28, 1899, and entered on same date in the Record of Titles of Assessments Confirmed, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of entry of the assessment, interest will be collected thereon, as provided in section 1019 of said Greater New York Charter. Said section provides that, "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment to charge, collect and receive interest thereon at the rate of seven per cent. per annum, to be calculated from the date of such entry to the date of payment."

The above assessments are payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, at Crotona Park Building, corner of One Hundred and Seventy-seventh street and Third Avenue, Borough of the Bronx, between the hours of 9 A. M. and 2 P. M., and on Saturdays from 9 A. M. to 12 M., and all payments made thereon on or before May 27, 1899, will be exempt from interest, as above provided, and after that date will be subject to a charge of interest at the rate of seven per cent. per annum from the date of entry in the Record of Titles of Assessments in said Bureau to the date of payment.

BIRD S. COLER,  
Comptroller.

CITY OF NEW YORK—DEPARTMENT OF FINANCE,  
COMPTROLLER'S OFFICE, April 1, 1899.

PETER F. MEYER, AUCTIONEER.

## CORPORATION SALE OF REAL ESTATE.

## FIFTH WARD.

PUBLIC NOTICE IS HEREBY GIVEN THAT the Commissioners of the Sinking Fund of The City of New York, by virtue of the powers vested in them by law, will offer for sale at public auction, on

## THURSDAY, MAY 4, 1899,

at 12 o'clock M., at the New York Real Estate Sales-room, No. 111 Broadway, the following described real estate belonging to the Corporation of The City of New York, viz.:

All that certain block of land with the buildings thereon erected, situate, lying and being in the Fifth Ward of The City of New York, Borough of Manhattan, bounded by West street, Duane street, Washington street and Reade street, said premises being laid down on the Tax Maps of The City of New York, as a part of Block 139, Lot Nos. 53 and 54, and are described as follows: Beginning at the northwest corner of Washington and Reade streets; thence northerly along the westerly line of Washington street 70 feet 7 inches to the southerly line of Duane street; thence westerly along the southerly line of Duane street 270 feet to the easterly line of West street; thence southerly along the easterly line of West street 70 feet 2 inches to the northerly line of Reade street; thence easterly along the northerly line of Reade street 266 feet 4 inches to the point or place of beginning, be the said several dimensions, more or less, the said property being shown on a map thereof prepared by Eugene E. McLean, Engineer of the Department of Finance, dated March 27, 1899, upon the following:

## TERMS AND CONDITIONS OF SALE.

The highest bidder will be required to pay ten (10) per cent. of the amount of his bid, together with the auctioneer's fees at the time of the sale; thirty (30) per cent. upon the delivery of the deed, which shall be thirty days from the date of sale, and the remaining sixty (60) per cent. of the purchase money either to be paid at the date of the delivery of the deed, or, at the option of the purchaser, to remain on bond and mortgage for five years, with interest at the rate of six per cent. per annum, payable semi-annually, the mortgage to contain the customary thirty days' interest and ninety days' tax clauses.

The bond and mortgage may be paid off at any time within the term thereof on giving thirty days' notice to the Comptroller, or it may be paid in installments of not less than five thousand dollars, on any day when the interest is due, or on thirty days' notice. The bond and mortgage will be prepared by the Counsel to the Corporation, and the sum of twelve dollars and fifty cents will be charged for drawing, acknowledging and recording the same.

The Comptroller may, at his option, resell the property if the successful bidder shall fail to comply with the terms of sale, and the person failing to comply therewith will be held liable for any deficiency that may result from any such resale.

The right to reject any bid is reserved.

Lithographic Maps of said real estate may be had at the Comptroller's Office, Stewart Building, No. 280 Broadway, Borough of Manhattan, after April 1, 1899.

By order of the Commissioners of the Sinking Fund, under a resolution adopted at a meeting of the Board held March 16, 1899.

BIRD S. COLER,  
Comptroller.

CITY OF NEW YORK—DEPARTMENT OF FINANCE,  
COMPTROLLER'S OFFICE, March 23, 1899.

## NOTICE TO PROPERTY OWNERS.

IN PURSUANCE OF SECTION 1018 OF THE Greater New York Charter, the Comptroller of The City of New York hereby gives public notice to all persons, owners of property, affected by the following assessments for LOCAL IMPROVEMENTS in the BOROUGH OF THE BRONX:

## TWENTY-THIRD WARD.

ONE HUNDRED AND FIFTY-SIXTH STREET—REGULATING, GRADING, CURBING, FLAGGING, LAYING CROSSWALKS AND FENCING, between St. Ann's and Westchester Avenues. Area of assessment: Both sides of One Hundred and Fifty-sixth street, between St. Ann's and Westchester Avenues, and to the extent of half the blocks on Trinity Avenue.

## TWENTY-FOURTH WARD.

ONE HUNDRED AND NINETY-FIFTH STREET (FORMERLY TAPPAN STREET)—REGULATING, GRADING, CURBING, FLAGGING, LAYING CROSSWALKS AND FENCING, between Webster and Marion Avenues. Area of assessment: Both sides of One Hundred and Ninety-fifth street, between Webster and Marion Avenues, and to the extent of half the blocks on the intersecting and terminating Avenues.

—that the same were confirmed by the Board of Assessors on March 21, 1899, and entered on same date in the Record of Titles of Assessments Confirmed, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of entry of the assessment, interest will be collected thereon, as provided in section 1019 of said Greater New York Charter. Said section provides that, "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment to charge, collect and receive interest thereon at the rate of seven per cent. per annum, to be calculated from the date of such entry to the date of payment."

The above assessments are payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, at Crotona Park Building, corner of One Hundred and Seventy-seventh street and Third Avenue, Borough of the Bronx, between the hours of 9 A. M. and 2 P. M., and on Saturdays from 9 A. M. to 12 M., and all payments made thereon on or before May 20, 1899, will be exempt from interest, as above provided, and after that date will be subject to a charge of interest at the rate of seven per cent. per annum from the date of entry in the Record of Titles of Assessments in said Bureau to the date of payment.

BIRD S. COLER,  
Comptroller.

CITY OF NEW YORK—DEPARTMENT OF FINANCE,  
COMPTROLLER'S OFFICE, March 27, 1899.

## INTEREST ON CITY BONDS AND STOCK.

THE INTEREST DUE MAY 1, 1899, ON THE Registered Bonds and Stock of The City of New York will be paid on that day by the Comptroller, at his office in the Stewart Building, corner of Broadway and Chambers street (Room 27).

The Transfer Books thereof will be closed from March 31 to May 1, 1899.

The interest due May 1, 1899, on the Coupon Bonds and Stock of the former City of New York will be paid on that day by the Knickerbocker Trust Company, No. 66 Broadway.

BIRD S. COLER,  
Comptroller.

THE CITY OF NEW YORK—DEPARTMENT OF FINANCE,  
COMPTROLLER'S OFFICE, March 6, 1899.

DEPARTMENT OF FINANCE—CITY OF NEW YORK,  
BUREAU FOR THE COLLECTION OF ASSESSMENTS  
AND ARREARS,  
ROOMS 1 AND 3 MUNICIPAL BUILDING,  
BOROUGH OF BROOKLYN, December 15, 1898.

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

Sewer Map No. District 29—Assessment for sewers in the Eighth Ward, under chapter 365, Laws of 1889, chapter 452, Laws of 1890, and chapter 520, Laws of 1895; fourth installment.

Assessment for benefit from Prospect Park (for lands taken), under chapter 244, Laws of 1878; twenty-first installment.

Main sewers in Map S, Drainage District No. 39, under chapter 516, Laws of 1896, assessed upon the District in the Twenty-sixth Ward and parts of Wards Twenty-four, Twenty-five, Twenty-eight and Twenty-nine; second installment.

Assessments for grading and paving the following-named streets, under chapter 310, Laws of 1892:

Market street, from Jamaica Avenue to Atlantic Avenue; fourth installment.

Richmond street, from Jamaica Avenue to Fulton street; fourth installment.

Belmont Avenue, from Rockaway Avenue to Powell street; fourth installment.

Sutter Avenue, from Rockaway Avenue to Alabama Avenue; fourth installment.

Miller Avenue, from Jamaica Avenue to Eastern Parkway; fourth installment.

Berriman street, from Atlantic Avenue to New Lots road; fourth installment.

Essex street, from Atlantic Avenue to Eastern Parkway; fourth installment.

Snediker Avenue, from Liberty Avenue to Dumont Avenue; fourth installment.

Logan street, from Atlantic Avenue to New Lots road; fourth installment.

Sackman street, from Eastern Parkway to Livonia Avenue; fourth installment.

Vermont street, from Jamaica Avenue to Eastern Parkway; fourth installment.

Hinsdale street, from Atlantic Avenue to Sutter Avenue; third installment.

Ashford street, from Jamaica Avenue to Arlington Avenue; third installment.

## EXTRACTS FROM THE LAW.

Chapter 583, Laws of 1888, title 7, section 10, and title 19, section 9, as amended by chapter 599, Laws of 1892, and chapter 888, Laws of 1895, as amended by section 937, chapter 378, Laws of 1897.

On all taxes and on all assessments except assessments for grading and paving, which shall hereafter be paid to the Collector, before the expiration of thirty days from the time the same shall become due and payable, an allowance shall be made to the person or persons making such payments at the rate of seven and three-tenths per centum per annum, for the unexpired portion thereof. On all taxes, assessments and water rates paid after the expiration of thirty days from the time the same shall have become due and payable, there shall be added to and collected as part of every such tax, assessment or water rate, interest at the rate of nine per cent. per annum, to be computed from the time the same became due and payable, to the date of said payment.

BIRD S. COLER,  
Comptroller.

EDWARD GILON,  
Collector of Assessments and Arrears.

M. O'KEEFE,  
Deputy Collector of Assessments and Arrears,  
Borough of Brooklyn.

## CHANGE OF GRADE DAMAGE COMMISSION, TWENTY-THIRD AND TWENTY-FOURTH WARDS.

PURSUANT TO THE PROVISIONS OF CHAPTER 537 OF THE LAWS OF 1893, ENTITLED "AN ACT providing for ascertaining and paying the amount of damages to lands and buildings suffered by reason of changes of grade of streets or avenues, made pursuant to chapter 721 of the Laws of 1887, providing for the depression of railroad tracks in the Twenty-third and Twenty-fourth Wards, in The City of New York, or otherwise," and the acts amendatory thereof and supplemental thereto, notice is hereby given that public meetings of the Commissioners appointed pursuant to said acts, will be held at Room 58, Schermerhorn Building, No. 96 Broadway, in The City of New York, on Monday, Wednesday and Friday of each week, at 2 o'clock P. M., until further notice.

Dated New York, March 4, 1899.

DANIEL LORD,  
WARREN W. FOSTER,  
WILLIAM E. STILLINGS,  
Commissioners.

LAMONT McLOUGHLIN,  
Clerk.

## DEPARTMENT OF PARKS.

DEPARTMENT OF PARKS,  
ARSENAL, CENTRAL PARK,  
BOROUGH OF MANHATTAN, CITY OF NEW YORK,  
April 8, 1899.

## TO CONTRACTORS.

SEALED BIDS OR ESTIMATES, WITH THE title of the work and the name of the bidder or bidders indorsed thereon, will be received by the Park Board, at its offices, Arsenal Building, Sixty-fourth street and Fifth Avenue, Central Park, New York City, until 11 o'clock A. M. of

## THURSDAY, APRIL 20, 1899,

FOR FURNISHING AND DELIVERING BROKEN STONE OF TRAP ROCK AND TRAP ROCK SCREENINGS WHERE REQUIRED IN VAN CORTLANDT AND BRONX PARKS, BOROUGH OF THE BRONX.

To be delivered as follows:

100 cubic yards of one and one-half inches broken stone of trap-rock, delivered where required in Van Cortlandt Park.

700 cubic yards of trap-rock screenings, to be delivered where required in Van Cortlandt Park.

200 cubic yards of trap-rock screenings, to be delivered where required in Bronx Park.

The time allowed for the completion of the whole work will be sixty (60) consecutive working days.

The penalty for non-completion within the specified time is fixed at Four Dollars per day.

The amount of security required is One Thousand Dollars.

The broken stone is to be of trap rock, entirely free from soft, disintegrated or other unsound stone, properly broken and of such size that no stone so furnished and delivered shall be larger than will when tested in any direction pass through a circular ring one and one-half inches in interior diameter, and to be entirely free from all dust and dirt.

The screenings are to be from broken stone of trap-rock, which have passed through a screen with a one inch mesh, and free from sand and other earth.

Bidders must satisfy themselves, by personal examination, and by such other means as they may prefer, as to the nature and extent of the work or materials, and shall not, any time after the submission of an estimate, dispute or complain of such statement, nor assert that there was any misunderstanding in regard to the nature or amount of the work to be done or materials to be furnished.

Each bid or estimate shall contain and state the name and place of residence of each of the persons making the same, the names of all persons interested with him or them therein, and if no other person be so interested it shall distinctly state that fact; that it is made without any connection with any other person making an estimate for the same purpose and is in all respects fair and without collusion or fraud, and that no member of the Municipal Assembly, head of a department, chief of a bureau, deputy thereof, or clerk therein or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or work to which it relates, or in any portion of the profits thereof. The 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 must 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 a surety in good faith and with the intention to execute the bond required by section 27 of chapter 8 of the Revised Ordinances of The City of New York, if the contract shall be awarded to the person or persons for whom he consents to become surety; the adequacy and sufficiency of the security offered to be 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 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.

N. B.—The prices must be written in the estimate and also stated in figures, and all estimates will be considered as informal which do not contain bids for all items for which bids are herein called, or which contain bids for items for which bids are not herewith called for. Permission will not be given for the withdrawal of any bid or estimate. No bid 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 Park Board reserves the right to reject any or all the bids received in response to this advertisement if it should deem it for the interest of the City so to do. Blank forms for proposals for the contract and information relative thereto can be had at the office of the Park Board, Arsenal, Central Park.

GEORGE C. CLAUSEN,  
GEORGE V. BROWER,  
AUGUST MOEBUS,

Commissioners of Parks of The City of New York.

DEPARTMENT OF PARKS,  
ARSENAL, CENTRAL PARK,  
BOROUGH OF MANHATTAN, CITY OF NEW YORK,  
April 8, 1899.

## TO CONTRACTORS.

SEALED BIDS OR ESTIMATES, WITH THE title of the work and the name of the bidder or bidders indorsed thereon, will be received by the Park Board, at its offices, Arsenal Building, Sixty-fourth street and Fifth Avenue, Central Park, New York City, until 11 o'clock A. M. of

## THURSDAY, APRIL 27, 1899.

FOR THE REMOVAL OF THE FORTY-SECOND STREET RESERVOIR AND OTHER WORK IN THE NINETEENTH WARD OF THE CITY OF NEW YORK.

Bidders are required to state, in writing, and also in figures, in their proposals, a price for each of the items of work as classified in the specification and form of proposal.

The work to be entirely completed before the date mentioned in the specifications.

The damages to be paid by the Contractor for each day that the contract or any part thereof may be unfulfilled after the time fixed for the completion thereof has expired are fixed at One Hundred Dollars per day.

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

Bidders must satisfy themselves by personal examination, and by such other means as they may prefer, as to the nature and extent of the work or materials, and shall not, any time after the submission of an estimate, dispute or complain of such statement, nor assert that there is any misunderstanding in regard to the nature or amount of the work to be done or materials to be furnished.

Each bid or estimate shall contain and state the name and place of residence of each of the persons making the same, the names of all persons interested with him or them therein, and if no other person be so interested it shall distinctly state that fact; that it is made without any connection with any other person making an estimate for the same purpose and is in all respects fair and without collusion or fraud, and that no member of the Municipal Assembly, head of a department, chief of a bureau, deputy thereof, or clerk therein or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or work to which it relates, or in any portion of the profits thereof. The 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 may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting, the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same that he is a householder or freeholder in The City of New York, and is worth the amount of the security required for the completion of this contract, over and above all his debts of every nature and over and above his liabilities as bail, surety or otherwise, and that he has offered himself as a surety in good faith and with the intention to execute the bond required by section 27 of chapter 8 of the Revised Ordinances of The City of New York, if the contract shall be awarded to the person or persons for whom he consents to become surety; the adequacy and sufficiency of the security offered to be approved by the Comptroller of The City of New York.

No bid or estimate will be 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 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.

N. B.—The prices must be written in the estimate and also stated in figures, and all estimates will be considered as informal which do not contain bids for all items for which bids are herein called, or which contain bids for items for which bids are not herewith called for. Permission will not be given for the withdrawal of any bid or estimate. No bid 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 Park Board reserves the right to reject any or all the bids received in response to this advertisement if it should deem it for the interest of the City so to do.

Blank forms for proposals and information relative thereto can be had, and plans may be seen, at the office of the Park Board, Arsenal, Central Park, and also at the office of the architects, Carrere & Hastings, No. 28 East Forty-first street, Borough of Manhattan.

GEORGE C. CLAUSEN,  
GEORGE V. BROWER,  
AUGUST MOEBUS,

Commissioners of Parks of The City of New York.

## SUPREME COURT.

## FIRST DEPARTMENT.

In the matter of the application 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 the lands, tenements and hereditaments required for the purpose of opening, widening and extending ELM STREET (although not yet named by proper authority), from City Hall place, near Chambers street, to Great Jones street, opposite Lafayette place, in the Sixth, Fourteenth and Fifteenth Wards of The City of New York.

NOTICE IS HEREBY GIVEN THAT THE bill of costs, charges and expenses incurred by reason of the proceedings in the above-entitled matter,



will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part I., to be held at the County Court-house, in the Borough of Manhattan, in the City of New York, on the 24th day of April, 1899, at 10.30 o'clock in the forenoon of that day, or as soon thereafter as counsel can be heard thereon; and that the said bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of New York, there to remain for and during the space of ten days, as required by the provisions of section 999 of title 4 of chapter 17, of chapter 378 of the Laws of 1897.

Dated BOROUGH OF MANHATTAN, NEW YORK, April 7, 1899.

WILLIAM G. CHOATE,  
JOEL B. ERHARDT,  
WILLIAM G. DAVIES,  
Commissioners.

WILLIAM A. SWEETSER,  
Clerk.

#### FIRST DEPARTMENT.

In the matter of the application 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 the lands, tenements and hereditaments required for the purpose of opening PARK STREET, although not yet named by proper authority, from East One Hundred and Forty-ninth street to Westchester avenue, as the same has been heretofore laid out and designated as a first class street or road in the Twenty-third Ward of The City of New York.

**NOTICE IS HEREBY GIVEN THAT THE BILL** of costs, charges and expenses incurred by reason of the proceedings in the above entitled matter, will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part I., to be held at the County Court-house, in the Borough of Manhattan, in the City of New York, on the 17th day of April, 1899, at 10.30 o'clock in the forenoon of that day, or as soon thereafter as counsel can be heard thereon, and that the said bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of New York, there to remain for and during the space of ten days, as required by the provisions of section 999 of title 4 of chapter 17, of chapter 378 of the Laws of 1897.

Dated BOROUGH OF MANHATTAN, NEW YORK, March 30, 1899.

ARTHUR BERRY,  
GEORGE E. HYATT,  
MARTIN S. COHEN,  
Commissioners.

JOHN P. DUNN,  
Clerk.

#### FIRST DEPARTMENT.

In the matter of the application 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 the lands, tenements and hereditaments required for the purpose of opening EAST ONE HUNDRED AND FIFTY-THIRD STREET (formerly Sedgwick avenue) (although not yet named by proper authority), from Mott avenue to East One Hundred and Fifty-seventh street, as the same has been heretofore laid out and designated as a first-class street or road, in the Twenty-third Ward of The City of New York.

**WE, THE UNDERSIGNED COMMISSIONERS** of Estimate and Assessment in the above entitled matter, hereby give notice to all persons interested in this proceeding, and to the owner or owners, occupant or occupants of all houses and lots and improved and unimproved lands affected thereby, and 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, tenements and hereditaments thereto, do present their said objections, duly verified, to us, at our office, Nos. 90 and 92 West Broadway, in the Borough of Manhattan, in the City of New York, on or before the 14th day of April, 1899, and that we, the said Commissioners, will hear parties so objecting, and for that purpose will be in attendance at our said office on the 17th day of April, 1899, 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, proofs and other documents used by us in making our report, have been deposited in the Bureau of Street Openings, in the Law Department of The City of New York, Nos. 90 and 92 West Broadway, in the Borough of Manhattan, in said city, there to remain until the 24th day of April, 1899.

Third—That the limits of our assessment for benefit include all those lands, tenements, and hereditaments and premises situate, lying and being in the Borough of The Bronx, in The City of New York, which, taken together, are bounded and described as follows, viz.: Beginning at a point formed by the intersection of the southerly side of the approach to the Central Bridge with the United States bulkhead-line of the Harlem river; thence easterly along said southerly side of the approach to the Central Bridge to the corner formed by the intersection of the easterly side of Exterior street with the southerly side of the approach to the Central Bridge; thence southeasterly on a straight line to a point in the southeasterly side of Cromwell avenue midway between East One Hundred and Fifty-seventh street and East One Hundred and Sixty-first street; thence southeasterly by the middle line of the block between East One Hundred and Fifty-seventh street and East One Hundred and Sixty-first street to the northwesterly side of River avenue; thence southeasterly to the corner formed by the intersection of the southwesterly side of East One Hundred and Fifty-eighth street with the southeasterly side of River avenue; thence southeasterly along the southwesterly side of East One Hundred and Fifty-eighth street to its intersection with the middle line of the block between East One Hundred and Fifty-seventh street and East One Hundred and Fifty-eighth street; thence southeasterly along said middle line of the block to its intersection with the middle line of the blocks between East One Hundred and Fifty-seventh street and East One Hundred and Fifty-eighth street; thence southeasterly along said middle line of the blocks to its intersection with the prolongation northwesterly of the northeasterly side of East One Hundred and Fifty-sixth street; thence southeasterly along said prolongation and northeasterly side of East One Hundred and Fifty-sixth street to its intersection with a line drawn parallel to the southeasterly side of Sheridan avenue and distant 100 feet southeasterly therefrom; thence southeasterly along said parallel line to its intersection with a line drawn parallel to the northwesterly side of East One Hundred and Fifty-third street and distant 100 feet northeasterly therefrom; thence southeasterly along said parallel line to its intersection with the northwesterly side of Railroad avenue, East, or Park avenue; thence southeasterly along said northwesterly side of Railroad avenue, East, or Park avenue, to the northeasterly side of East One Hundred and Forty-ninth street; thence northwesterly along the northeasterly side of East One Hundred and Forty-ninth street to its intersection with the prolongation southwesterly of that part of the middle line of the block between Walton avenue and an unnamed street between East One Hundred and Fifty-first street and East One Hundred and Fiftieth street; thence north-

easterly along said prolongation and middle line of the block between Walton avenue and said unnamed street and its prolongation northeasterly to the northwesterly side of East One Hundred and Fifty-first street; thence northwesterly along said northeasterly side of East One Hundred and Fifty-first street to its intersection with the easterly side of Exterior street; thence westerly at a right angle to Exterior street to the United States bulkhead line of the Harlem river; thence northerly along said United States bulkhead-line of the Harlem river to the point or place of beginning, as such streets are shown upon the final maps and profiles of the Twenty-third and Twenty-fourth Wards of The City of New York, excepting from said area all streets, avenues and roads or portions thereof heretofore legally opened, 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, First Department, at a Special Term thereof, Part III., to be held in the County Court-house, in the Borough of Manhattan, in the City of New York, on the 17th day of May, 1899, at the opening of the Court on that day, and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Dated BOROUGH OF MANHATTAN, NEW YORK, February 6, 1899.

J. DE COURCEY IRELAND,  
JOHN J. QUINLAN,  
Commissioners.

JOHN P. DUNN,  
Clerk.

#### FIRST DEPARTMENT.

In the matter of the application 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 the lands, tenements and hereditaments required for the purpose of opening CROTONA PARK, NORTH (although not yet named by proper authority), from Arthur avenue to East One Hundred and Seventy-fifth street, near the Southern Boulevard, as the same has been heretofore laid out and designated as a first-class street or road, in the Twenty-fourth Ward of The City of New York.

**WE, THE UNDERSIGNED COMMISSIONERS** of Estimate and Assessment in the above entitled matter, hereby give notice to all persons interested in this proceeding, and to the owner or owners, occupant or occupants of all houses and lots and improved and unimproved lands affected thereby, and 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, tenements and hereditaments and premises affected thereby, and having objections thereto, do present their said objections in writing, duly verified, to us at our office, Nos. 90 and 92 West Broadway, in the Borough of Manhattan, in the City of New York, on or before the 13th day of April, 1899, and that we, the said Commissioners, will hear parties so objecting, and for that purpose will be in attendance at our said office on the 14th day of April, 1899, at 4 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, proofs and other documents used by us in making our report, have been deposited in the Bureau of Street Openings in the Law Department of The City of New York, Nos. 90 and 92 West Broadway, in the Borough of Manhattan, in said city, there to remain until the 22d day of April, 1899.

Third—That the limits of our assessment for benefit include all those lands, tenements and hereditaments and premises situate, lying and being in the Borough of The Bronx, in The City of New York, which, taken together, are bounded and described as follows, viz.: Beginning at a point formed by the intersection of the southerly side of Tremont avenue with a line drawn parallel to the westerly side of Arthur avenue and distant 100 feet westerly therefrom; thence easterly along said southerly side of Tremont avenue to its intersection with a line drawn parallel to the easterly side of Arthur avenue and distant 100 feet easterly therefrom; thence southerly along said parallel line to its intersection with the middle line of the blocks between East One Hundred and Seventy-fifth street and Woodruff street (East One Hundred and Seventy-sixth street); thence easterly along said middle line of the blocks to the westerly side of the Southern Boulevard; thence southerly along said westerly side of the Southern Boulevard to its intersection with a line drawn parallel to the southerly side of East One Hundred and Seventy-fifth street and distant 100 feet southerly therefrom; thence westerly along said parallel line to its intersection with a line drawn parallel to that part of the easterly side of Crotona Park, North, between Mohegan avenue and the Southern Boulevard and distant 100 feet easterly therefrom; thence southerly along said parallel line to its intersection with the prolongation easterly of a line drawn parallel to the southerly side of Crotona Park, North, and distant 100 feet southerly therefrom; thence westerly along said prolongation and line drawn parallel to the southerly side of Crotona Park, North, and distant 100 feet southerly therefrom to its intersection with the prolongation, southerly, of a line drawn parallel to that part of the westerly side of Crotona Park, North, between Crotona avenue and Fulton avenue and distant 100 feet westerly therefrom; thence northerly along said prolongation and line drawn parallel to that part of the westerly side of Crotona Park, North, between Crotona avenue and Fulton avenue and distant 100 feet westerly therefrom; thence northerly along said prolongation and line drawn parallel to that part of the westerly side of Crotona Park, North, between Crotona avenue and Fulton avenue and distant 100 feet westerly therefrom to the point or place of beginning; as such streets are shown upon the Final Maps and Profiles of the Twenty-third and Twenty-fourth Wards of The City of New York, excepting from said area all streets, avenues and roads or portions thereof heretofore legally opened, as such area is shown upon our benefit maps deposited as aforesaid.

Fourth—That our report herein will be presented to the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part III., to be held in the County Court-house, in the Borough of Manhattan, in the City of New York, on the 8th day of May, 1899, at the opening of the Court on that day, and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Dated BOROUGH OF MANHATTAN, NEW YORK, February 9, 1899.

JOHN G. H. MEYERS,  
Chairman,  
PETER F. RAFFERTY,  
JAMES J. MARTIN,  
Commissioners.

JOHN P. DUNN,  
Clerk.

#### FIRST DEPARTMENT.

In the matter of the application 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 the lands, tenements and hereditaments required for the purpose of opening BOSTON ROAD (although not yet named by proper authority), from Tremont avenue to the Bronx Park, as the same has been heretofore laid out and designated as a first-class street or road, in the Twenty-fourth Ward of The City of New York.

**NOTICE IS HEREBY GIVEN THAT THE BILL** of costs, charges and expenses incurred by reason of the proceedings in the above entitled matter, will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part I., to be held at the County Court-house, in the Borough of Manhattan, in the City of New York, on the 17th day of April, 1899, at 10.30 o'clock in the forenoon of that day, or as soon thereafter as counsel can be heard thereon, and that the said bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of New York, there to remain for and during the space of ten days, as required by the provisions of section 999 of title 4 of chapter 17, of chapter 378 of the Laws of 1897.

Dated BOROUGH OF MANHATTAN, NEW YORK, February 9, 1899.

JOHN G. H. MEYERS,  
Chairman,  
PETER F. RAFFERTY,  
JAMES J. MARTIN,  
Commissioners.

JOHN P. DUNN,  
Clerk.

#### FIRST DEPARTMENT.

In the matter of the application 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 the lands, tenements and hereditaments required for the purpose of opening BOSTON ROAD (although not yet named by proper authority), from Tremont avenue to the Bronx Park, as the same has been heretofore laid out and designated as a first-class street or road, in the Twenty-fourth Ward of The City of New York.

**NOTICE IS HEREBY GIVEN THAT THE BILL** of costs, charges and expenses incurred by reason of the proceedings in the above-

entitled matter, up to and including the 31st day of March, 1899, will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part I., to be held at the County Court-house, in the Borough of Manhattan, in the City of New York, on the 17th day of April, 1899, at 10.30 o'clock in the forenoon of that day, or as soon thereafter as counsel can be heard thereon; and that the said bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of New York, there to remain for and during the space of ten days, as required by the provisions of section 999 of title 4 of chapter 17, of chapter 378 of the Laws of 1897.

Dated BOROUGH OF MANHATTAN, NEW YORK, April 3, 1899.

JAMES R. ELY,  
WM. G. ROSS,  
SAMUEL B. PAUL,  
Commissioners.

JOHN P. DUNN,  
Clerk.

#### SECOND JUDICIAL DISTRICT.

In the matter of the application and petition of Charles H. T. Collis, as Commissioner of Public Works of The City of New York, for and on behalf of The Mayor, Aldermen and Commonalty of The City of New York, under chapter 189 of the Laws of 1883, to acquire certain real estate as the term "real estate" is defined in said act for the purpose of providing for the sanitary protection of the sources of the water supply of The City of New York.

**NOTICE OF FILING FIRST SEPARATE REPORT OF FARMERS' MILLS AND WHITE POND PROCEEDING.**

**PUBLIC NOTICE IS HEREBY GIVEN THAT** the First Separate Report of David Thomson, Emerson W. Addis and Frederic Barnard, Commissioners of Appraisal in the above entitled matter, was filed in the office of the Clerk of the County of Westchester, at White Plains in said county, on the 20th day of January, 1899, and a certified copy thereof was filed in the County Clerk's office of the County of Putnam, at Carmel, in said county, on the 13th day of March, 1899.

Notice is further given that said report includes and affects the parcels of land designated as Parcels Nos. 1, 2, 3, 4, 7, 8, 9, 10, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 29, 31, 34, 35, 37, 39, 40, 42, 43, 44, 45, 46, 47, 48 and 49.

Notice is further given that an application will be made at a Special Term of the Supreme Court of the State of New York, to be held in and for the Second Judicial District at the Court-house in White Plains on the 6th day of May, 1899, at 10.30 o'clock in the forenoon, or as soon thereafter as counsel can be heard, for an order confirming said report and for such other and further relief as may be just.

Dated NEW YORK, March 23, 1899.  
JOHN WHALEN,  
Corporation Counsel,  
No. 2 Tryon Row,  
Borough of Manhattan,  
City of New York.

#### FIRST DEPARTMENT.

In the matter of the application of The Mayor, Aldermen and Commonalty of The City of New York, relative to acquiring title in fee to certain pieces or parcels of land between East One Hundred and Twenty-fifth street and First avenue and the Harbor Commissioner's line of the Harlem river, and between the southerly line of One Hundred and Thirty-second street and Willis avenue, and the southerly line of One Hundred and Thirty-fourth street and Willis avenue, and to a right of way or easement between the United States pierhead line of the Harlem river and One Hundred and Thirty-second street at Willis avenue, for the construction of a bridge over the Harlem river, and approaches thereto, between One Hundred and Twenty-fifth street and First avenue and One Hundred and Thirty-fourth street and Willis avenue, pursuant to the provisions of chapter 147 of the Laws of 1894.

**NOTICE IS HEREBY GIVEN THAT THE BILL** of costs, charges and expenses incurred by reason of the proceedings in the above entitled matter up to and including the 31st day of March, 1899, will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part I., to be held at the County Court-house, in the Borough of Manhattan, in the City of New York, on the 15th day of April, 1899, at 10.30 o'clock in the forenoon of that day, or as soon thereafter as counsel can be heard thereon, and that the said bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of New York, there to remain for and during the space of ten days, as required by the provisions of section 999 of title 4 of chapter 17, of chapter 378 of the Laws of 1897.

Dated BOROUGH OF MANHATTAN, NEW YORK, April 3, 1899.

ARTHUR BERRY,  
E. W. BLOOMINGDALE,  
EDWARD B. WHITNEY,  
Commissioners.

JOHN P. DUNN,  
Clerk.

#### SECOND JUDICIAL DISTRICT.

In the matter of the petition of Thomas F. Gilroy, Commissioner of Public Works of The City of New York, under and in pursuance of chapter 490 of the Laws of 1883, and the Laws amendatory thereof, on behalf of The Mayor, Aldermen and Commonalty of The City of New York, for the appointment of Commissioners of Appraisal under said acts.

**NOTICE OF FILING FIRST SEPARATE REPORT OF CORNELL DAM SEVENTH SUPPLEMENTAL PROCEEDING.**

**PUBLIC NOTICE IS HEREBY GIVEN THAT** the First Separate Report of Henry C. Henderson, James H. Briggs and Quinon Corwin, Commissioners of Appraisal in the above entitled matter was filed in the office of the Clerk of the County of Westchester, at White Plains in said County, on the 9th day of January, 1899.

Notice is further given that said report includes and affects the parcels of land designated as Parcels Nos. 102, 104, 106, 107, 108, 115, 116, 117, 118, 121, 122, 125, 126, 128, 131, 135, 141, 142, 146, 150, 159, 160 and a parcel belonging to Mary A. Merritt, Lennie W. Todd, Carrie M. Todd and Rhoda M. Reynolds, which is therein reported on under a stipulation.

Notice is further given that an application will be made at a Special Term of the Supreme Court of the State of New York, to be held in and for the Second Judicial District, at the Court-house in White Plains, on the 6th day of May, 1899, at 10.30 o'clock in the forenoon, or as soon thereafter as counsel can be heard, for an order confirming said report and for such other and further relief as may be just.

Dated NEW YORK, March 23, 1899.  
JOHN WHALEN,  
Corporation Counsel,  
No. 2 Tryon Row,  
Borough of Manhattan,  
City of New York.

#### FIRST DEPARTMENT.

In the matter of the application 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 the lands, tenements and hereditaments required for the purpose of opening ROSE STREET (although not yet named by proper authority), from Bergen avenue to Brook avenue, as the same has been heretofore laid out and designated as a first-class street or road in the Twenty-third Ward of The City of New York.

**NOTICE IS HEREBY GIVEN THAT THE BILL** of costs, charges and expenses incurred by reason of the proceedings in the above entitled matter, up to and including the 27th day of March, 1899, will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part I., to be held at the County Court-house, in the Borough of Manhattan, in the City of New York, on the 14th day of April, 1899, at 10.30 o'clock in the forenoon of that day, or as soon thereafter as counsel can be heard thereon, and that the said bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of New York, there to remain for and during the space of ten days, as required by the provisions of section 999 of title 4 of chapter 17, of chapter 378 of the Laws of 1897.

Dated BOROUGH OF MANHATTAN, NEW YORK, March 27, 1899.

THEODORE E. SMITH,  
EDGAR KETCHUM,  
Commissioners.

JOHN P. DUNN,  
Clerk.

#### FIRST DEPARTMENT.

In the matter of the application 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 the lands, tenements and hereditaments required for the purpose of opening EAST ONE HUNDRED AND EIGHTY-SEVENTH STREET (although not yet named by proper authority), from Third avenue to Southern Boulevard, as the same has been heretofore laid out and designated as a first-class street or road in the Twenty-fourth Ward of The City of New York.

**NOTICE IS HEREBY GIVEN THAT THE BILL** of costs, charges and expenses incurred by reason of the proceedings in the above entitled matter will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part I., to be held at the County Court-house, in the Borough of Manhattan, in the City of New York, on the 14th day of April, 1899, at 10.30 o'clock in the forenoon of that day, or as soon thereafter as counsel can be heard thereon; and that the said bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of New York, there to remain for and during the space of ten days, as required by the provisions of section 999 of title 4 of chapter 17, of chapter 378 of the Laws of 1897.

Dated BOROUGH OF MANHATTAN, NEW YORK, March 30, 1899.

ASA A. ALLING,  
FLOYD M. LORD,  
EDWARD F. HOLLISTER,  
Commissioners.

JOHN P. DUNN,  
Clerk.

#### FIRST DEPARTMENT.

In the matter of the application 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 the lands, tenements and hereditaments required for the purpose of opening FULTON AVENUE (although not yet named by proper authority), from the Twenty-third and Twenty-fourth Ward line to East One Hundred and Seventy-fifth street, as the same has been heretofore laid out and designated as a first-class street or road in the Twenty-fourth Ward of The City of New York.

**NOTICE IS HEREBY GIVEN THAT THE BILL** of costs, charges and expenses incurred by reason of the proceedings in the above entitled matter, will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part I., to be held at the County Court-house, in the Borough of Manhattan, in the City of New York, on the 14th day of April, 1899, at 10.30 o'clock in the forenoon of that day, or as soon thereafter as counsel can be heard thereon; and that the said supplemental and additional bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of New York, there to remain for and during the space of ten days, as required by the provisions of section 999 of title 4 of chapter 17, of chapter 378 of the Laws of 1897.

Dated BOROUGH OF MANHATTAN, NEW YORK, February 27, 1899.

FREDERIC A. TANNER,  
JOHN T. SIMON,  
FLOYD M. LORD,  
Commissioners.

JOHN P. DUNN,  
Clerk.

#### FIRST DEPARTMENT.

In the matter of the application 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 the lands, tenements and hereditaments required for the purpose of opening TOWNSEND AVENUE (although not yet named by proper authority), from East One Hundred and Seventieth street to East One Hundred and Seventy-sixth street, as the same has been heretofore laid out and designated as a first-class street or road in the Twenty-fourth Ward of The City of New York.

**NOTICE IS HEREBY GIVEN THAT THE BILL** of costs, charges and expenses incurred by reason of the proceedings in the above entitled matter will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part I., to be held at the County Court-house, in the Borough of Manhattan, in the City of New York, on the 13th day of April, 1899, at 10.30 o'clock in the forenoon of that day, or as soon thereafter as counsel can be heard thereon, and that the said bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of New York, there to remain for and during the space of ten days, as required by the provisions of section 999 of title 4 of chapter 17, of chapter 378 of the Laws of 1897.

Dated BOROUGH OF MANHATTAN, NEW YORK, March 17, 1899.

FRANK E. HIPPLE,  
JNO. W. D. DOBLER,  
JAMES HIGGINS,  
Commissioners.

JOHN P. DUNN,  
Clerk.

#### THE CITY RECORD.

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WILLIAM A. BUTLER,  
Supervisor.