

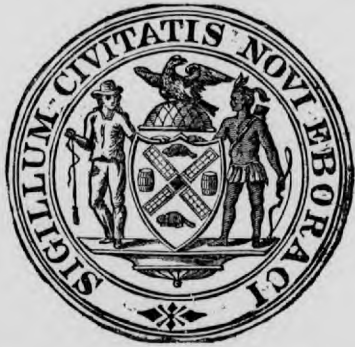
THE CITY RECORD.

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NUMBER 7,697.



DEPARTMENT OF SEWERS.

Report for the Quarter ending June 30, 1898.

DEPARTMENT OF SEWERS—COMMISSIONER'S OFFICE, }
July 21, 1898. }

Hon. ROBT. A. VAN WYCK, Mayor :

DEAR SIR—In compliance with section 1544, chapter 378, Laws of 1897, I have the honor to transmit herewith a report of the transactions of this Department, for the quarter ending June 30, 1898.

Document "A"—Contains a summary of appropriation expenditures, with balance on hand, also a statement of amounts of requisitions drawn on the Comptroller against the different funds in charge of Department.

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.

Each Borough Report contains in full and in detail a statement of the work done in the borough, and the work now in contemplation.

Yours respectfully,

JAS. KANE, Commissioner of Sewers.

DOCUMENT "A."

Statement of Appropriation and Funds of Requisition Drawn on Comptroller and Balance on Hand, June 30, 1898.

TITLE OF APPROPRIATION.	APPROPRIATION FOR 1898.	TOTAL AMOUNT CERTIFIED TO COMPTROLLER TO DATE.	BALANCE ON HAND MONTH ENDING JUNE 30, 1898.
Department Sewers: Salaries—General Administration.....	\$45,000 00	\$16,187 96	\$29,612 04
<i>Borough of Manhattan.</i>			
Salaries—Sewers, Repairing and Cleaning.....	10,200 00	4,850 60	5,349 40
Sewerage System.....	5,900 00	2,896 63	3,003 37
Boring Examination.....	3,000 00	1,559 50	1,440 50
Contingencies.....	2,000 00	745 15	1,254 85
Sewers, Repairing and Cleaning.....	130,000 00	58,038 70	71,961 30
<i>Borough of The Bronx.</i>			
Salaries.....	22,000 00	7,017 10	14,982 90
Boring Examinations.....	15,000 00	1,386 19	13,613 81
Contingencies.....	1,000 00	5 75	994 25
Sewers and Drains.....	70,000 00	23,473 97	46,526 03
Preliminary Surveys, etc.....	23,240 00	15,355 28	7,884 62
<i>Borough of Brooklyn.</i>			
Salaries—Deputy Commissioner's Office.....	44,100 00	22,151 76	21,948 24
Salaries—Laying-out and Mapping Sewerage Districts.....	23,650 00	10,109 31	13,540 69
Boring Examinations.....	3,000 00	.....	3,000 00
Contingencies.....	1,000 00	241 14	758 86
Sewers, Repairing and Cleaning.....	50,000 00	32,141 84	17,858 16
Thirty-first Ward Sewerage Districts No. 1 and No. 3.....	15,500 00	11,033 62	4,466 38
Thirtieth Ward, Bath Beach District.....	2,500 00	.....	2,500 00
<i>Borough of Queens.</i>			
Salaries, including one-third Salary of Deputy Commissioner, at \$5,000.....	16,186 67	3,996 67	12,190 00
Sewers, Repairing and Cleaning.....	43,500 00	17,984 08	25,515 92
Contingencies.....	500 00	223 92	276 08
<i>Borough of Richmond.</i>			
Salaries, including one-third salary of Deputy Commissioner, at \$5,000.....	\$9,986 67	\$4,882 38	\$5,104 29
Sewers, repairing and cleaning.....	8,000 00	1,109 15	6,890 85
Contingencies.....	500 00	35 39	464 61

TITLE OF FUND.

Borough of Manhattan—Street Improvement Fund.....	\$99,911 45
Borough of The Bronx—Williamsbridge Sewer Fund.....	10,710 34
Street Improvement Fund.....	214,063 34
Borough of Brooklyn—Main Relief and Extension Fund.....	4,361 55
Sewer Assessment Street Improvement Fund.....	9,259 79

DOCUMENT "B."

CREDIT TO GENERAL FUND.

Borough of Manhattan.

318 sewer connection permits, 272 repair permits..... \$4,463 88

Borough of The Bronx.

481 sewer connection permits, 25 repair permits..... 4,970 00

Borough of Brooklyn.

769 sewer connection permits, 206 sewer repair permits, Knickerbocker avenue sewer, Third avenue sewer..... 10,017 12

Borough of Queens.

101 sewer connection permits..... 1,010 00

Borough of Richmond.

117 sewer connection permits..... 251 00

DOCUMENT "C."

OFFICE OF DEPUTY COMMISSIONER OF SEWERS—BOROUGH OF MANHATTAN, }
Nos. 265 AND 267 BROADWAY, NEW YORK CITY, }
July 1, 1898. }

Hon. JAMES KANE, Commissioner of Sewers :

DEAR SIR—In compliance with your instructions, I hand you herewith a report of the transactions of the Department of Sewers, Borough of Manhattan, for the quarter ending June 30, 1898. 6,495 linear feet of sewer and 6 basins connecting therewith have been built, making the present total length of the sewerage of this Borough, 2,559,262 linear feet (484.71 miles) with 5,754 receiving-basins.

In the schedule accompanying this report, you will find a detailed statement showing the status of the several contracts under charge of this Department.

Seven sewer contracts have been completed, viz. :

Sewer in One Hundred and Fifty-second street, between Amsterdam avenue and Avenue St. Nicholas.

Sewer in One Hundred and Eighty-sixth street, between Amsterdam and Eleventh avenues.

Sewer in Washington street, between King and Leroy streets.

Sewer in Dyckman street, between Harlem River Driveway and Kingsbridge road.

Sewer in South street, between Gouverneur slip and Montgomery street, and in Gouverneur slip, east and west sides, between South and Water streets, with alterations and improvements to connecting sewers in Front, Water and Gouverneur streets.

Sewer in 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.

Sewer in Avenue C, between Second and Fourth streets.

There are now in progress 10 sewer contracts for new sewers, as follows :

Sewer in One Hundred and Sixteenth street, between Riverside avenue and Boulevard.

Sewer in One Hundred and Seventy-eighth street, between Amsterdam avenue and Kingsbridge road.

Sewer in One Hundred and Eightieth street, between Amsterdam avenue and Kingsbridge road.

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

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

Outlet sewer for Sewerage District No. 27.

Outlet sewer for Sewerage District No. 29.

Alterations and improvements to sewer in Tenth street, between Avenues A and C.

Alterations and improvement to sewers in Central Park, South, between Fifth and Sixth avenues.

Alterations and improvements to sewer in Park avenue, east side, between Seventieth and Seventy-second streets.

As stated in the last quarterly report, no financial relief has, as yet, been afforded to this Department, so that it could undertake any work to be paid for out of the Street Improvement Fund.

During this last quarter, a large amount of preliminary work in the way of making surveys, and getting out contract plans for new work, has been done, but nothing further can be accomplished until funds are provided.

At the present moment, preparations have been made, as far as the Department is able, for the construction of various sewers, the total cost of which will be more than \$300,000. Some of these are very pressing necessities.

I see no other alternative except to ask the Board of Estimate to make a direct appropriation sufficient to build those sewers which are immediately demanded. The cost of the same could be assessed against the property benefited, as heretofore, and would ultimately be returned to the City Treasury.

In 1885 and 1886, when this same question of debt limit was brought forward, several sewers were constructed in this way, so that there is some precedent for asking that action of this kind be taken at the present time.

Under the contract for cleaning sewers and basins, there have been 103,694 linear feet of sewer cleaned ; 1,632 basins cleaned.

Respectfully submitted,

MATTHEW F. DONOHUE,

Deputy Commissioner of Sewers, Borough of Manhattan.

REPORT OF THE TRANSACTIONS OF THE OFFICE OF CHIEF ENGINEER, BOROUGH OF MANHATTAN, FOR THE QUARTER ENDING JUNE 30, 1898.

Credit to General Fund—

Amount received for :

318 sewer connection permits, 272 repair permits..... \$4,463 88

Engineers' Fees—

Amount of Engineers' fees assessed on property benefited and charged to Street

Improvement Fund..... \$3,682 34

Items for Quarterly Report, June 30, 1898.

Sewers Repairing and Cleaning—

Balance, March 31, 1898..... \$107,476 43

Expenditures :

April—Sundries..... \$840 22
" Cleaning..... 4,513 08
" Labor roll..... 5,631 39
\$10,984 69

May—Sundries..... \$1,029 53
" Cleaning..... 3,806 58
" Labor roll..... 4,271 07
9,107 18

June—Sundries..... \$564 34
" Cleaning..... 10,358 46
" Labor roll..... 4,500 46
15,423 26

35,515 13

Balance, June 30, 1898..... \$71,961 30

Salaries—Sewers Repairs and Cleaning—

Balance, March 31, 1898.....	\$7,742 37
Expenditures:	
April pay-roll.....	\$854 99
May ".....	714 99
June ".....	822 99
	2,392 97
Balance, June 30, 1898.....	\$5,349 40

Salaries—Sewerage System—

Balance, March 31, 1898.....	\$4,425 02
Expenditures:	
April pay-roll.....	\$491 66
May ".....	491 66
June ".....	438 33
	\$1,421 65
Balance, June 30, 1898.....	\$3,003 37

Boring Examinations—

Balance, March 31, 1898.....	\$2,219 00
Expenditures:	
April pay-roll.....	\$300 00
May ".....	240 00
June ".....	238 50
	\$778 50
Balance, June 30, 1898.....	\$1,440 50

Contingencies—

Balance, March 31, 1898.....	\$1,944 70
Expenditures:	
April.....	\$98 40
May.....	61 50
June.....	529 95
	689 85
Balance, June 30, 1898.....	\$1,254 85

Salaries, General Administration—

Balance, March 31, 1898.....	\$39,394 05
Expenditures:	
April pay-roll.....	\$3,056 92
May pay-roll.....	3,291 78
June pay-roll.....	3,433 31
	9,782 01
Balance, June 30, 1898.....	\$29,612 04

Street Improvement Fund—

Engineers' Roll:	
April.....	\$1,177 07
May.....	1,178 34
June.....	1,196 86
	\$3,552 27

Inspectors' Roll:

April 2.....	\$466 00
" 9.....	445 00
" 16.....	448 00
" 23.....	444 00
" 30.....	421 50
	\$2,224 50
May 7.....	\$434 00
" 14.....	393 00
" 21.....	357 00
" 28.....	338 00
	1,522 00
June 4.....	\$325 50
" 11.....	350 50
" 18.....	342 00
" 25.....	353 25
	1,371 25
	5,117 75

Transportation—

Riverside Stable Company.....	\$360 00
E. F. Stephens.....	59 05
M. J. Brown.....	37 60
	456 65

Contracts—

April.....	\$9,306 48
May.....	42,398 51
June.....	39,079 79
	90,784 78
	\$99,911 45

Statement of Work Done on Uncompleted Contracts for the Quarter ending June 30, 1898.

DATE.	NATURE AND LOCATION OF WORK, SEWERS, ETC.	ESTIMATED COST.	ESTIMATED AMOUNT OF WORK DONE.	DAYS.		
				Allowed.	Consumed.	Remaining.
1897.						
Nov. 10	Alteration and improvement to sewer in Tenth street, between Avenues A and C, and in Avenue A, between Ninth and Tenth streets.....	\$20,569 50	\$20,000 00	160	150	10
" 13	Alteration and improvement to sewer in Central Park, South, between Fifth and Sixth avenues.....	34,860 60	30,000 00	75	70	5
Dec. 30	Alteration and improvement to sewer in Park avenue, east side, between Seventieth and Seventy-second streets; and in Seventieth street, between Park and Lexington avenues.....	11,123 00	5,150 00	150	70	80
Oct. 2	Sewer in One Hundred and Eighty-ninth street, between Amsterdam and Eleventh avenues, with curve in Audubon avenue.....	8,924 50	8,500 00	200	170	30
Nov. 19	Sewer in 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.....	9,420 01	9,000 00	200	180	20
Dec. 3	Outlet for sewerage District No. 29, with sewer in Boulevard Lafayette, between summit south of One Hundred and Sixty-fifth street and summit north of One Hundred and Eighty-first street, and in One Hundred and Sixty-fifth street, between Boulevard Lafayette and Fort Washington avenue.....	70,846 50	37,500 00	600	280	320
Dec. 22	Sewer in Claremont avenue, between One Hundred and Twenty-second and One Hundred and Twenty-fifth streets.....	7,192 00	6,500 00	150	135	15
" 29	Sewer in One Hundred and Eightieth street, between Amsterdam avenue and Kingsbridge road.....	15,376 50	6,500 00	300	135	165
" 30	Sewer in One Hundred and Seventy-eighth street, between Amsterdam avenue and Kingsbridge road, with curves at Audubon, Eleventh and Wadsworth avenues.....	15,210 00	3,550 00	250	115	135
1898.						
Jan. 19	Outlet sewer for Sewage District No. 27 through Two Hundred and First street, with branch in Academy street, Ninth avenue, Two Hundred and Second street, Post avenue, Sherman avenue and in Hawthorne street.....	51,847 50	2,500 00	600	90	510

Work Done by Mechanics and Laborers.

1,632 receiving-basins and culverts cleaned.
21,359 lineal feet of sewer cleaned.
17,110 lineal feet of sewer relieved.
411,186 lineal feet of sewer examined.
162 lineal feet pipe sewer laid.
15 lineal feet spur pipe laid.
3 new manholes built.
12 manhole heads reset.
42 basin heads reset.
80 new manhole heads and covers put on.
84 new manhole covers put on.
38 new basin covers put on.
7 new manhole gaskets put on.
4 new basin hoods put in.
11 new basin grates put in.
1,241 cubic feet of brick-work built.
264 square feet of flagging relaid.
469 square yards of pavement relaid.
1,587 cubic feet of earth excavated and refilled.
98 cart loads of dirt removed.

Respectfully submitted,
HORACE LOOMIS, Chief Engineer of Sewers.

DOCUMENT "D."

THE CITY OF NEW YORK—DEPARTMENT OF SEWERS,
BOROUGH OF THE BRONX,
NEW YORK, July 1, 1898.

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

DEAR SIR—In compliance with the provisions of title 7, section 1544, chapter 378, Laws of 1897, I hereby respectfully submit a report of the operations and actions of this Department, Borough of The Bronx, during three months ending June 30, 1898, together with a summarized statement of the work done during the quarter.

Summary of Expenditures for Quarter ending June 30, 1898, being Amount of Requisitions Drawn on Comptroller on Account of Appropriations.

For salaries, boring examinations, contingencies, preliminary surveys, sewers and drains, etc.....	\$33,409 55
Account of Williamsbridge Sewer Fund.....	10,710 34
Account of Street Improvement Fund, Assessments on property benefited.....	214,063 34
Total.....	\$258,183 23

Detailed Statement of Expenditures for which Requisitions were Drawn on the Comptroller by the Deputy Commissioner of Sewers, Borough of The Bronx, during the Quarter ending June 30, 1898.

Office of Deputy Commissioner— Salary of Deputy Commissioner, Secretary, Clerks, etc.....	\$4,239 46	\$4,239 46
Boring Examinations, etc.— Pay-roll, Engineers, etc.....	\$358 57	
Pay-roll, Sounders.....	458 50	
Pay-roll, Laborers.....	580 12	1,377 19
Contingencies— Sundries (rubber stamps).....	\$5 75	5 75
Sewers and Drains— Pay-roll, Laborers, etc.....	\$12,837 67	
Pay-roll, Engineers, etc.....	70 99	
Pay-roll, Superintendent of Maintenance.....	300 00	
Pay-roll, Sounders.....	12 00	
Paid Contractors (reconstructing sewers, etc.).....	824 60	
Lumber.....	252 94	
Horses, harness and carriages, and repairs to same.....	231 70	
Hardware (supplies).....	57 76	
Cement, pipe and bricks.....	110 97	
Feed, hay, oats and straw.....	87 30	
Rubber boots.....	206 07	
Shearing and veterinary services for horses.....	11 00	
Sundries (binding maps, etc.).....	64 00	15,067 00
Preliminary Surveys, etc.— Pay-roll, Engineers, Draughtsmen, etc.....	\$5,998 78	
Pay-roll, Laborers.....	1,453 70	
Pay-roll, Sounders.....	2,410 00	
Traveling expenses.....	517 23	
Rent branch office.....	92 00	
Engineers' supplies (drawing materials, etc.).....	796 11	
Lumber.....	90 18	
Horses, harness, carriages and repairs to same.....	924 50	
Hardware (supplies).....	192 56	
Feed, hay, oats and straw.....	72 69	
Sundries (moving safes, furniture, etc.).....	172 40	12,720 15
Williamsbridge Sewer Fund— Paid contractors constructing sewers, etc.....	\$8,533 32	
Pay-roll, Engineers, etc.....	1,022 64	
Pay-roll, Inspectors.....	668 00	
Pay-roll, Laborers.....	236 25	
Pay-roll, Sounders.....	215 00	
Traveling expenses.....	35 13	10,710 34
Street Improvement Fund— Paid contractors for constructing sewers, etc.....	\$180,386 79	
Pay-roll, Engineers, etc.....	16,750 59	
Pay-roll, Inspectors.....	15,079 50	
Pay-roll, Sounders.....	1,571 96	
Sundries (binding assessment lists).....	34 50	214,063 34
Total.....	\$258,183 23	

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

Summary of Work Done by the Bureau of Maintenance, Department of Sewers, Borough of The Bronx, during the Quarter ending June 30, 1898.

Receiving-basins cleaned.....	630
Linear feet of sewer repaired.....	16
Manhole heads and covers reset.....	15
Linear feet of culverts, drains and ditches cleaned, repaired and built.....	22,877
Linear feet of sewer cleaned.....	16,530
Manhole cleaned.....	5
Catch-basin built.....	1
Filling in (linear feet).....	2,550
Filling in trench Forest avenue (cubic feet).....	2,321

The following statement shows the number and character of permits issued during the quarter ending June 30, 1898, also amount of money received from same:

For sewer connections.....	481
For sewer repairs.....	25
For surface water drains.....	8
For leader drains.....	7

For cellar drains	3
For repairs to private drains	1
For continuing house connections	1
For disconnecting from private and connecting with public sewer	5

531

Cash received from same. \$4,970 00

The total length of sewers constructed in the Borough of The Bronx at the close of the quarter ending June 30, 1898, is 667,774.45 linear feet or 126.472 miles, being divided as follows:

631,154.31 linear feet or 119.537 miles in the regular "combined system," according to filed district drainage maps for the Twenty-third and Twenty-fourth Wards, West of the Bronx river, and 36,620.14 linear feet or 6.936 miles in the "separate system" specially designed for the district east of the Bronx river (or Williamsbridge) previous to "annexation."

25,754.08 linear feet or 4.877 miles of sewers were constructed during the quarter (exclusive of district east of Bronx river), being divided into 7,228.22 linear feet or 1.369 miles of brick sewer and 18,525.86 linear feet or 3.509 miles of pipe sewer.

The total number of receiving basins (west of Bronx river) is 1,598, forty (40) having been constructed during the quarter.

3,305 linear feet or .626 miles of sewers were constructed in the district east of the Bronx river (or Williamsbridge) during the quarter.

Including Williamsbridge sewer system—

One hundred and eighteen (118) contracts were in force during the quarter.

Twelve (12) having had final payments made during the quarter.

Forty (40) being under six months repairs through the quarter.

Fourteen (14) having been completed during the quarter.

Three (3) having been begun and completed during the quarter.

Forty-one (41) being under construction throughout the quarter.

Eight (8) having been begun during the quarter.

Sixty-six (66) contracts were under construction during the quarter ending June 30, 1898.

Fifty-seven (57) contracts were under six months repair.

Seventeen (17) contracts were completed.

Eleven (11) contracts were made (see note, page 4).

In the schedule accompanying this report you will find detailed statements as follows:

I.—Contracts entered into during the quarter ending June 30, 1898.

II.—Contracts completed during the quarter.

III.—Amount of work done on uncompleted contracts during the quarter.

IV.—Recapitulation.

I.—Statement of Contracts Entered into during Quarter ending June 30, 1898.

NATURE AND LOCATION OF WORK, SEWERS, ETC.	CONTRACTOR.	ESTIMATED COST.
* Jackson avenue, from East One Hundred and Sixtieth street to East One Hundred and Fifty-eighth street.....	M. J. Leahy.....	\$3,902 50
* East One Hundred and Seventy-fifth street, from Jerome avenue to Morris avenue, and in Morris avenue, etc.....	"	60,432 00
* Townsend avenue, East One Hundred and Seventieth street to East One Hundred and Seventy-second street and in Walton avenue	A. B. Marshall.....	6,787 20
* Teasdale place, between Cauldwell avenue and a point 100 feet west of Trinity avenue.....	"	1,426 50
* East One Hundred and Sixty-fifth street, from Intervale avenue to Prospect avenue.....	"	4,706 80
* East One Hundred and Thirty-eighth street, from Railroad avenue, East, to Mott Haven Canal.....	Cunningham & Kearns.....	2,073 31
Daly avenue, from East One Hundred and Seventy-eighth street to East One Hundred and Eighty-first street (Ponus street).....	Joseph P. O'Donnell.....	7,355 00
* East One Hundred and Seventy-first street, from Washington avenue to Fulton avenue, etc.....	J. H. Kerrigan.....	12,895 50
Furnishing materials, etc., for rebuilding 7 manholes on Woodycrest avenue, between Birch and Union streets.....	John Lynas Co.....	14 00
Rebuilding 7 manholes on Southern Boulevard, between St. Joseph's street and Beach avenue.....	R. McLaughlin's Sons Co.....	200 00
Drain connection between Moshulu Parkway, with drain under Jerome Park Railroad at a point 80 feet west of Mill Brook.....	E. J. McLaughlin Co.....	798 60

NOTE.—Works marked (*) were executed during the quarter ending March 31, 1898, but notice of same was not received at this office in time to include same in report for that quarter.

II.—Statement of Contracts Completed During the Quarter Ending June 30, 1898.

NATURE OF WORK.	LOCATION OF WORK.	AMOUNT.
Receiving-basins, etc.....	West side of Union avenue, opposite Ritter place.....	\$249 00
Sewer, etc.....	Valentine avenue, between Burnside avenue and East One Hundred and Eighty-third street.....	18,579 09
Furnishing material, etc.....	Rebuilding 7 manholes on Woodycrest avenue, between Birch and Union streets.....	14 00
Sewer, etc.....	East One Hundred and Seventy-fourth street, between Webster and Park avenues, etc.....	.....
"	Cauldwell avenue, from One Hundred and Sixty-first to One Hundred and Fifty-eighth street.....	4,343 96
"	East One Hundred and Sixty-seventh street, from Intervale avenue to West Farms road, etc.....	25,239 63
"	East One Hundred and Thirty-fifth street, from Railroad avenue, East, to Exterior street, etc.....	12,142 84
"	East One Hundred and Forty-first street, from Brook to St. Ann's avenue.....	3,708 01
Drain connections, etc.....	Between existing sewer in Moshulu Parkway, South, at Brigg's avenue with drain under Jerome Park Railroad at a point 80 feet west of Mill Brook.....	798 60
Sewer, etc.....	East One Hundred and Thirty-eighth street, from Railroad avenue, East, to the Mott Haven Canal.....	1,933 25
"	East One Hundred and Sixty-first street, Ogden to Summit avenue, etc.....	13,823 72
Outlet sewer, etc.....	Fordham road, Harlem river to Aqueduct avenue.....	26,889 74
Sewer, etc.....	East One Hundred and Eighty-first street (Irene place), from Jerome to Aqueduct avenue.....	.....
"	Perot street, Boston to Sedgwick avenue, etc.....	.....
"	Rogers place, between Westchester avenue and East One Hundred and Sixty-fifth street.....	4,750 31
"	East One Hundred and Fifty-sixth street, from St. Ann's to Cauldwell avenue, etc.....	.....
"	East One Hundred and Ninetieth street (St. James street), between Aqueduct avenue and Old Croton Aqueduct.....	.....

III.—Statement Showing the Amount of Work Done on Uncompleted Contracts for the Quarter ending June 30, 1898.

DATE.	NATURE AND LOCATION OF WORK, SEWERS, ETC.	ESTIMATED COST.	ESTIMATED AMOUNT OF WORK DONE.	DAYS.		
				Allowed.	Consumed.	Remaining.
1896.						
Sept. 23	Outlet, etc., in Farragut street, from the East river to Hunt's Point road, and in Hunt's Point road, etc..	\$408,211 00	.....	750	928	....
1897.						
Mar. 31	Wilkins place, from Intervale to Wendover avenue, and in Jennings street, etc.....	67,009 30	\$46,915 25	300	437	....
" 24	Sedgwick avenue, from Perot street to Giles place, and in Giles place, from Boston to Sedgwick avenue.....	21,802 35	19,555 75	195	215	....
June 4	East One Hundred and Fifty-sixth street, between Forest and Cauldwell avenues, with branch in Cauldwell avenue, etc.....	13,783 00	3,439 60	150	197	....
" 21	West Farms road, from Edgewater to Boston road, and in Boston road, etc.....	343,263 25	14,120 00	400	267	133
" 24	Aqueduct avenue, from Fordham road to summit south of East One Hundred and Eighty-third street, and in Andrews avenue, etc.....	52,269 35	12,515 00	200	249	....
July 28	Barretto street, from Intervale avenue to summit south of East One Hundred and Sixty-seventh street.....	8,247 50	6,727 50	75	224	....

DATE.	NATURE AND LOCATION OF WORK, SEWERS, ETC.	ESTIMATED COST.	ESTIMATED AMOUNT OF WORK DONE.	DAYS.		
				Allowed.	Consumed.	Remaining.
1897.						
Aug. 11	Southern Boulevard, from Intervale avenue to East One Hundred and Sixty-seventh street, and in Westchester avenue, etc.....	\$53,743 65	\$14,361 20	200	220	....
" 20	East One Hundred and Sixty-third street, from Sherman to Morris avenue, and in Morris avenue, etc.....	23,063 00	16,711 00	150	217	....
Sept. 7	Kingsbridge road, from Bailey to Tee Taw avenue, with branch, etc.....	29,406 00	11,483 23	250	154	96
Aug. 30	East One Hundred and Seventy-eighth street, between Third and La Fontaine avenues, and in La Fontaine avenue, etc.....	13,111 00	8,717 50	125	214	....
Oct. 13	Webster avenue, from southerly side of Moshulu Parkway, south, to summit north of East Two Hundred and Fifth street, etc.....	39,726 30	13,115 87	200	300	..
" 13	East One Hundred and Seventy-sixth street, from West Farms road to Boston road.....	14,960 00	7,004 00	200	170	30
" 27	East One Hundred and Fifty-third street, from River to Mott avenue, and in Mott avenue, etc.....	51,235 95	18,574 50	250	146	104
" 25	Burnside avenue, from existing sewer in Jerome avenue to Aqueduct avenue.....	11,872 39	9,556 00	100	151	..
" 30	Vyse street (private), from East One Hundred and Eightieth to East One Hundred and Eighty-first street.....	Private contract.				
" 20	West Fifth street, from Second avenue to Bronx Terrace, etc. (Williamsbridge sewer system).....	9,422 60	6,411 80	150	167	..
Dec. 16	Certain avenues and streets within district bounded by Fifteenth street, White Plains avenue, etc. (Williamsbridge sewer system).....	44,323 35	13,161 50	180	130	50
Nov. 18	Jennings street, from existing sewer in Wilkins place to Southern Boulevard, etc.....	45,785 50	10,482 00	200	100	100
Oct. 20	Sedgwick avenue, from Fordham road to East One Hundred and Eighty-eighth street, etc.....	54,096 82	.....	250	123	127
Dec. 2	East One Hundred and Eighty-first street, between Jerome avenue and the Concourse.....	12,988 50	7,705 00	75	133	..
Nov. 26	Prospect avenue, between East One Hundred and Sixty-ninth and East One Hundred and Sixty-seventh street, and in Home street, etc.....	17,488 49	16,225 60	140	174	..
Dec. 14	Anthony avenue, from East One Hundred and Seventy-third to East One Hundred and Seventy-sixth street.....	13,340 00	7,347 50	150	142	8
" 14	East One Hundred and Sixty-eighth street (Charles place), from River avenue to the Concourse.....	14,367 00	9,416 10	150	120	30
Dec. 20	Completing St. Joseph street, from Timpson place to Robbins avenue, etc.....	42,096 00	8,471 14	250	129	121
" 20	East One Hundred and Forty-first street, from Walnut to Cypress avenue, etc.....	71,579 00	31,233 81	500	143	357
" 31	East One Hundred and Ninety-second street (Primrose street), between Grand and Creston avenues.....	49,701 75	.....	250	62	188
Sept. 13	Fordham road, from Morris to Grand avenue, etc.....	16,035 50	1,513 50	150	77	73
Dec. 23	Bainbridge avenue, from Kingsbridge road to summit north of East One Hundred and Ninety-seventh street, etc.....	22,502 60	13,820 51	150	122	28
" 27	Vyse street, from East One Hundred and Seventy-seventh to East One Hundred and Eightieth street.....	12,598 00	.....	200	60	140
" 30	Clarke, Marcy and Elliott places, between Jerome avenue and the Concourse, etc.....	20,956 50	8,085 00	150	108	42
" 30	Receiving basin, etc., on southeast corner of East One Hundred and Sixty-seventh street and } Southern Boulevard (C.O.).....	230 00	.....	C.O. } 20 }	7	13
Aug. 30	Cypress avenue, between Southern Boulevard and East One Hundred and Thirty-eighth street, with branch.....	6,985 16	4,665 00	60	91	..
1898						
March 25	*East One Hundred and Seventy-first street, from Washington to Fulton avenue, etc.....	12,895 50	.....	100	44	56
" 17	*East One Hundred and Seventy-fifth street, from Jerome to Morris avenue, etc.....	60,432 00	.....	175	48	127
" 19	*Townsend avenue, etc., from East One Hundred and Seventieth to East One Hundred and Seventy-second street, etc.....	6,787 20	.....	50	39	11
1897						
Nov. 27	East One Hundred and Thirty-ninth and East One Hundred and Fortieth streets, St. Ann's avenue to east boundary line, etc.....	Private Contract.				
1898						
Feb. 17	East One Hundred and Eighty-second street, from Webster to Washington avenue, etc.....	13,972 00	2,665 78	75	69	6
Feb. 25	Spencer place, between East One Hundred and Forty-fourth and East One Hundred and Fiftieth streets, etc.....	8,241 00	.....	100	42	58
1897						
Sept. 10	Tiffany street, from East One Hundred and Sixty-fifth to East One Hundred and Sixty-seventh street.....	8,008 90	.....	35	3	32
Dec. 13	Crescent avenue, between East One Hundred and Eighty-seventh street and Arthur avenue, and in Arthur avenue, etc.....	45,825 00	.....	225	28	197
" 31	Altering and improving Rose street, from Brook to Third avenue, etc.....	14,816 00	.....	100	53	47
1898						
March 23	Concord avenue, between East One Hundred and Forty-ninth and Kelly streets, etc.....	19,870 00	.....	200	60	140
" 18	East One Hundred and Seventy-ninth street, from Lafontaine to Arthur avenue, etc.....	12,575 29	3,583 85	100	61	39
" 17	*Jackson avenue, from East One Hundred and Sixtieth to East One Hundred and Fifty-eighth street.....	3,902 50	.....	100	52	48
" 19	*Teasdale place, between Cauldwell avenue and a point 100 feet west of Trinity avenue.....	1,426 50	.....	25	42	..
" 19	*East One Hundred and Sixty-fifth street, from Intervale to Prospect avenue.....	4,706 80	.....	60	54	6
" 25	*Daly avenue, from East One Hundred and Seventy-eighth to East One Hundred and Eighty-first street.....	7,355 00	.....	125	26	99
April 28	Rebuilding seven manholes on Southern Boulevard, between St. Joseph's street and Beach avenue.....	200 00	.....	C.O. } 10 }	..	..

NOTE.—Works marked (*) were executed during the last quarter and should have been included in that report, but no notice of such executions was received at this office prior to April 1, 1898.

RECAPITULATION (EXCLUSIVE OF DISTRICT EAST OF BRONX RIVER), QUARTER ENDING JUNE 30, 1898.

Brick Sewers.

130	linear feet of brick sewer, 10 feet by 5 feet 1 1/4 inches.
121	" " 7 feet 6 inches by 6 feet 3 inches.
1.6	" " 5 1/2 feet diameter.
99.6	" " 5 feet diameter.
925	" " 4 feet 9 inches diameter.
540	" " 4 feet 6 inches diameter.
320	" " 3 feet 9 inches diameter.
199	" " 3 feet 6 inches diameter.
356	" " 3 feet diameter.
7.65	" " 2 feet 9 inches diameter.
2,359.3	" " 2 feet 6 inches diameter.
25	" " 38 inches by 50 inches diameter.
113	" " 32 inches by 44 inches diameter.
2,031.17	" " 26 inches by 36 inches diameter.

7,228.22 linear feet. Total length of brick sewers.

Pipe Sewers.

3,270.27	linear feet of 18-inch pipe sewer.
5,925.2	" 15-inch pipe sewer.
9,330.39	" 12-inch pipe sewer.

18,525.86 linear feet. Total length of pipe sewers.

RECAPITULATION (EXCLUSIVE OF DISTRICT EAST OF BRONX RIVER).

The total length of sewers in the Borough of The Bronx (exclusive of district east of Bronx river) is 631,154.31 linear feet or 119.537 linear miles at the close of the quarter ending June 30, 1898, of which 25,754.08 linear feet or 4.878 linear miles were constructed during said quarter.

5,736
248
spurs for house connections,
manholes, complete.

40	receiving-basins, complete.
39,945.72	cubic yards of rock excavation.
33.23	concrete (extra).
683	rubble masonry (extra).
270.8	broken stone.
27,459	feet (B. M.) of lumber for foundation.
108,630	sheeting.
7,810.4	linear feet of piles.
257	6 inches to 18 inches drain pipe.
12	wood box drain.

RECAPITULATION DISTRICT EAST OF BRONX RIVER (OR WILLIAMSBRIDGE), QUARTER ENDING JUNE 30, 1898.

Pipe Sewers.

360	linear feet of 12-inch pipe sewer.
838	10-inch pipe sewer.
1,472	8-inch pipe sewer.
635	6-inch pipe sewer.
3,305	linear feet. Total length of pipe sewers.

The total length of sewers in the district east of the Bronx river (Williamsbridge Sewer System) is 36,620.14 linear feet or 6.936 linear miles at the close of the quarter ending June 30, 1898, of which 3,305 linear feet or .626 linear miles were constructed during said quarter.

252 spurs for house connections.
13 manholes, complete.
170 cubic yards of rubble masonry.
84 linear feet of 18 inches to 24 inches pipe culvert.

DOCUMENT "E."

DEPARTMENT OF SEWERS, BOROUGH OF BROOKLYN,
CITY OF NEW YORK, July 6, 1898.

Hon. JAMES KANE, Commissioner of Sewers:

DEAR SIR—I have the honor to submit the second quarterly report of the year 1898, covering the transactions of this Department, in the Borough of Brooklyn.

The total linear mileage of Sewers in the Borough of Brooklyn upon July 1, is 614.197 miles. The total length of sewers built during the quarter, is 14,039 linear feet. Twenty-four receiving basins were built during the quarter, which makes a total number of 7,357 receiving basins in this Borough.

Fifty-four contracts have been in force during the quarter, seven of which have been completed.

Four contracts have been entered into, three of which were for sewers built under private permit, the other for basins in the Wallabout Market, under the Comptroller's requisition.

Fourteen contracts have been in actual construction.

Twenty-seven under the nine months repair section of the specifications.

One in litigation.

Nine contracts have not been begun in construction.

At the present time work is in progress upon four contracts only, namely:

Receiving-basins in the Wallabout Market.

Twenty-ninth Ward, District No. 1, Subdivision No. 8.

Main relief sewer, for the relief of the Bond and Lorraine streets sewers.

Main relief sewer, for the relief of the Third and Fourth avenue sewers.

The first three will probably be completed within 40 days; the last mentioned sometime in the coming fall.

The construction of sewers has been the least for many years back, two and one half miles only have been completed within the year, while the average mileage for the past four years has been 28.50 miles annually.

The engineering force has been actively engaged in laying out and mapping sewerage districts. The Twenty-ninth, Thirtieth, Thirty-first and Thirty-second Wards have been divided into sewerage districts, and all of the maps will be furnished within the month.

In the table of uncompleted contracts, those which are marked "A" are sewer contracts for which proceedings were fully completed under the City of Brooklyn, excepting the certification of the Comptroller.

The Comptroller should be urged to certify to these contracts, providing the Corporation Counsel is of the opinion, that they are valid. The Corporation Counsel's opinion has been asked upon this subject, but same has not been transmitted to this office.

If he should decide they are invalid, immediate action should be taken to relet the contracts, as the districts in which these sewers are to be placed are badly in need of sewerage and drainage. Constant inquiry is made at this office when the work is to be begun. The estimated cost of these contracts is \$70,650.

Owing to the financial condition of the City and in compliance with your order, no new contracts have been entered into, excepting the contract for six additional receiving-basins in the Wallabout Market, made under the Comptroller's requisition.

The new work contemplated by this Department in this borough, and which should be commenced as soon as the prohibition from entering into contracts is removed, is as follows:

The Huron street outlet, for the drainage of the lower part of map O, extending through Huron street, from the East river to Provost street, to Greenpoint avenue, to Jewell street, to Norman avenue, etc. Plans for the sewer were completed in the year 1896, in compliance with chapter 998 of the Laws of 1896, to remove the sewerage discharge from Newtown creek; owing to the delay in opening Provost street no contract has been made. From the press I learn that the Board of Public Improvements has ordered the opening of said street, and as soon as the Commissioners are appointed, contract should be entered into and the work begun.

You are aware of the flooding of cellars, the danger to health and the liability of suit for damages from the City in the near future, caused by the interruption of the flow through the present wooden trunk outlet discharging near Humboldt street and Norman avenue by filling in the meadows on either side of this outlet, leaving a narrow and ill graded channel to discharge through, the drainage finally reaching Newtown creek. The estimated cost of this work is \$175,000.

The Morgan avenue main sewer should be built as soon as possible, pursuant to the mandates of the law as laid down in chapter 998, of the Laws of 1896, as above mentioned. This main will care for another part of Map O, and will remove the discharge of other sewers from Newtown creek. This main will extend from Johnson avenue through Morgan avenue to Benton street; this distance will meet the present requirements for sewerage. The estimated cost \$95,000.

The initial step to be taken for the construction of this main is, that Morgan avenue, between Stagg street and Meeker avenue, shall be legally opened. I respectfully recommend that opening proceedings may be begun.

The main relief sewer should be extended from Greene avenue and Patchen avenue across Broadway to Bushwick avenue, through Bushwick avenue and to Central avenue and Halsey street, in order that the long contemplated relief for the surcharged Knickerbocker avenue main sewer may be accomplished.

Many complaints have been received at this office, and recently a committee of taxpayers of the Twenty-eighth Ward called here in relation thereto.

This extension will complete the relief system of this Borough; the other mains herein recommended for construction having been designed under recent and adequate formulas. Estimated cost \$108,000. Main Sewer Relief and Extension Fund Bonds will have to be sold to meet the expenses of the work.

In saying the above-relief sewer would complete the relief system of the Borough, the assumption is, that the contract for the relief of the Reid and Stuyvesant avenue sewers contracted for, but not certified (marked "A" in the table), will be certified to by the Comptroller. Bonds were sold by the City of Brooklyn to meet the payments of this contract, and the contracts already in course of construction, namely:

The relief for the Bond and Lorraine streets sewers, and the relief for the Third and Fourth avenue sewers. I have been informed, that the bond account to which the expenses of this sewer are charged, has ample funds to pay for this Reid avenue, etc., sewer, in addition to the outstanding liabilities.

The North Fifteenth street main sewer to begin at Quay street and the East river; thence to North Fifteenth street to Van Pelt avenue to Driggs avenue, advocated by this Department for many years, will have to be constructed as the same conditions exist here, as in the Huron street, etc. Bushwick Creek, the outlet for four or five sub-mains, is being rapidly filled in, and the present outlets will soon be completely interrupted. One outlet, the Nassau avenue sub-main, was last year temporarily extended to the North Twelfth street sewer, to prevent serious damages to property-owners. The capacity of the North Twelfth street sewer will not admit the continuance of this extra duty, nor allow the discharge of the remaining sub-mains. This main was relieved some eight years ago, and it would be folly to surcharge it again. The estimated cost is \$70,000.

Main sewers should be constructed in Maps U and V, or in the Bay Ridge districts. This district, thoroughly built up and rapidly growing, has needed sewers for some time. Nearly 1,000 houses are in this vicinity, and there are no sewers.

"The Bay Ridge Association of Taxpayers" have repeatedly asked for main sewers for the district. They certainly need them badly, and this Department should begin building them, as soon as authority is given. The estimated cost of these mains is \$183,000.

Plans have been prepared for the sewerage and drainage of 16,600 acres of land, which Maps U and V form a part; within the month the requisite plans for filling will be completed and submitted for the approval of the Commissioner of Sewers and the Board of Public Improvements.

They care for the drainage of Flatbush, New Utrecht, Gravesend and Flatlands, or the Twenty-ninth, Thirtieth, Thirty-first and Thirty-second Wards. The estimated cost of the mains and sewers in these districts is \$7,000,000.

The mains which should be built immediately and in the near future, will cost at least \$3,000,000. I speak now of that part of the districts in which sewers are needed to-day, and in which constant application is made to this office for their construction.

At least, \$1,000,000 should be set aside annually for the construction of these mains, and \$250,000 for the construction of lateral sewers in sub-divisions.

SUMMARY OF NEW WORK.	ESTIMATED COST.	
Main sewer, Huron and Provost streets.....	\$175,000 00	{ Street Improvement Fund— Sewer Assessment.
Main sewer, Morgan avenue.....	95,000 00	{ Street Improvement Fund— Sewer Assessment.
Main relief sewer extension.....	108,000 00	{ Main Sewer Relief and Ex- tension Fund.
Main sewer, North Fifteenth street.....	70,000 00	{ Street Improvement Fund— Sewer Assessment.
Main sewer, Maps "U" and "V".....	183,000 00	{ Street Improvement Fund— Sewer Assessment.
Main sewers, Twenty-ninth, Thirtieth, Thirty-first, Thirty- second Wards.....	1,000,000 00	{ Street Improvement Fund— Sewer Assessment.
Lateral sewers, Twenty-ninth, Thirtieth, Thirty-first, Thirty- second Wards.....	250,000 00	{ Street Improvement Fund— Sewer Assessment.
Lateral sewers, other Wards.....	50,000 00	{ Street Improvement Fund— Sewer Assessment.
	\$1,931,000 00	

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

Respectfully,
(Signed) WM. BRENNAN, Deputy Commissioner of Sewers.

Statement of Contracts Entered into during the Quarter ending June 30, 1898.

NATURE AND LOCATION OF WORK, SEWERS, ETC.	CONTRACTOR.	ESTIMATED COST.
Enfield street, between Liberty and Glenmore avenues.....	Private permit.....	.....
Humboldt street, between Engert and Bayard avenues.....	".....	.....
Eastern Parkway, south traffic road, from Classon avenue east- erly 35 feet.....	".....	.....
Construction of street basins in C street and East avenue, Wall- about Market.....	James H. Holmes.....	490 00

Statement of Contracts Completed during the Quarter ending June 30, 1898.

NATURE OF WORK.	LOCATION OF WORK.	AMOUNT.
Street basins for year 1897.....	.....	\$4,212 00
Main relief sewer.....	{ Clinton avenue extension Section No. 2, between Flush- ing avenue and Lemon street.....	4,192 21
Sewer, etc.....	{ Orient avenue, from end of sewer west of Olive street westerly 227 feet.....	212 68
".....	Suydam street, between Irving and Wyckoff avenues.....	852 68
Drain, etc.....	{ Benson avenue, between Bay Thirty-fourth street and Coney Island Creek, near Bay Forty-first street.....	2,324 67
Sewers, etc.....	{ Humboldt street, between Bayard street and Engert avenue.....	Private permit.
".....	{ Eastern Parkway, South Traffic road, from Classon avenue easterly 35 feet.....	"
".....	Enfield street, between Liberty and Glenmore avenues...	"

Statement Showing the Amount of Work Done on Uncompleted Contracts for the Quarter ending June 30, 1898.

DATE.	NATURE AND LOCATION OF WORK, SEWERS, ETC., IN.	ESTIMATED COST.	ESTIMATED AMOUNT OF WORK DONE.	DAYS.			REMARKS.
				Allowed.	Consumed.	Remaining.	
1894. July 10	Main relief sewer extension in Greene avenue, between March and Lewis avenues, and in other streets.....	\$200,000 00	\$181,845 10	120	...	...	{ Construction. Com- pleted in litigation.
1896. May 9	Pumping plant in Twenty-sixth Ward Purification Building.....	25,000 00	19,420 00	150	171	...	12 months' repairs.
Sept. 28	Map S, District 39, Subdivision No. 22, Glenmore avenue, be- tween Logan and Market streets.....	18,000 00	15,292 34	120	137	...	9 months' repairs.
Nov. 9	Drain through Twenty-fourth ave- nue, Eighty-sixth street, Bay Fortieth street and Benson avenue, in Thirty-first Ward..	4,500 00	4,487 00	30	...	...	"
Dec. 11	Fortieth street, between end of sewer east of Fifth avenue and Seventh avenue, and in Sixth and Seventh avenues, between Fortieth and Forty-first streets.	2,600 00	2,153 15	45	33	...	"
1897. Feb. 26	East Sixteenth street, between Avenues C and D.....	775 00	643 93	20	12	...	"
Mar. 9	North Tenth street, between Roebling street and Driggs avenue.....	550 00	442 21	15	22	...	"
" 31	Twenty-ninth Ward, District No. 1, Subdivision No. 8.....	24,000 00	9,728 20	100	94	6	"
May 10	Forty-sixth street, between First and Third avenues.....	2,200 00	1,969 78	50	32	...	"
" 11	Fifty-eighth street, between Fifth and Sixth avenues: Sixth ave- nue, between Fifty-seventh and Fifty-eighth streets.....	1,200 00	945 49	30	20	...	"
" 11	Pacific street, between Ralph and Buffalo avenues.....	950 00	753 47	20	15	...	"
" 25	Fourth avenue, west side, between St. Mark's place and Warren street.....	400 00	277 06	15	33	...	"
" 25	Ocean avenue, between Avenue E and Ward Line.....	1,300 00	1,024 11	15	11	...	"
" 27	East Seventeenth street, between Avenues A and B, and Avenue A, between East Seventeenth and East Eighteenth streets...	1,200 00	1,004 20	15	12	...	"
" 27	Caton avenue, between Flatbush and Parade avenues, Irving place, between Caton avenue and Fort Hamilton avenue, Fort Hamilton avenue, between Irving place and Ocean avenue, and in Church avenue; Ave- nues A and D.....	12,500 00	11,076 80	100	77	...	"

DATE.	NATURE AND LOCATION OF WORK, SEWERS, ETC., IN.	ESTIMATED COST.	ESTIMATED AMOUNT OF WORK DONE.	DAYS.			REMARKS.
				Allowed.	Consumed.	Remaining.	
May 28	Kingston avenue, Hospital Force Main Albany avenue, between Clarkson and Fenimore streets, Fenimore street, between Al- bany avenue and hospital,	\$2,500 00	\$1,426 38	15	14	...	9 months' repairs.
June 3	Forty-seventh street, between Fifth and Sixth avenues; Sixth ave- nue, between Forty-sixth and Forty-seventh streets,	1,150 00	913 15	20	31	...	"
" 9	Irving street, between Columbia and Van Brunt street,	950 00	774 07	10	27	...	"
July 15	Extension 30 inches brick sewer, Nassau avenue and Berry street, between North Fifteenth and North Twelfth streets,	5,000 00	4,992 72	45	...	...	"
" 31	East Fifteenth street, between Avenues C and D,	700 00	576 80	15	10	...	"
Aug. 24	Bedford avenue, between North Twelfth and North Thirteenth streets,	600 00	595 75	...	...	...	"
" 30	Forty-eighth street, between Fifth and Sixth avenues; Sixth ave- nue, between Forty-seventh and Forty-eighth streets,	1,075 00	883 84	20	34	...	"
" 30	Park place, between Albany and Troy avenues,	925 00	763 75	20	48	...	"
Sept. 1	Drain in Eighty-sixth street, be- tween Twenty-second and Twenty-fourth avenues,	3,000 00	2,478 50	45	...	...	"
" 1	Dwight street, between Columbia and Wolcott streets,	8,600 00	4,304 55	60	87	...	"
" 1	Dwight street, between Wolcott and Elizabeth streets,	6,500 00	...	40	87	...	"
" 1	Hamburg avenue, between Cooper and Cornelia streets,	4,500 00	4,198 39	50	50	...	"
Sept. 21	Fleeman avenue, between Flushing avenue and Lemon street; Lemon street, between Wash- ington and Clinton avenues, ...	3,700 00	3,056 52	40	32	...	"
" 30	Sixtieth street, between Fourth and Fifth avenues,	1,050 00	834 21	20	37	...	"
Oct. 19	Butler street, between Bond and Gowanus Canal; Smith street, between Lorraine and Creamer streets; Creamer street, be- tween Smith and Gowanus Channel; Hicks street, between Lorraine street and Hicks Slip, ...	27,000 00	8,147 00	100	97	3	
" 30	Map S, District No. 39, Subdivi- sion No. 26,	20,700 00	...	150	...	...	A.
Nov. 1	Map S, District No. 39, Subdivi- sion No. 23,	20,200 00	...	150	...	...	A.
" 26	Himrod street, between Irving and Wyckoff avenues,	975 00	806 71	20	20	...	9 months' repairs.
" 1	Fourth avenue, between Second and Seventh streets; Seventh street, between Fourth and Second avenues; Second ave- nue, between Seventh street and Gowanus Canal,	60,000 00	...	140	20	120	
Dec. 20	Avenue C, between East Nine- teenth street and Flatbush avenue,	1,800 00	1,569 68	25	28	...	"
" 23	Reid avenue, between Putnam and DeKalb avenues; Stuyvesant avenue, between Greene and Gates avenues; Monroe street, between Ralph and Patchen avenues,	20,000 00	...	60	...	...	A.
" 27	Sixtieth street, between Third and Fourth avenues,	1,100 00	...	20	...	...	A.
" 27	Rogers avenue, between Butler street and Park place,	500 00	...	15	...	...	A.
" 28	Prospect place, between Ralph and Buffalo avenues,	1,250 00	...	20	...	...	A.
" 30	Map L, District 24, Subdivision No. 44,	6,900 00	...	80	...	...	A.
Oct. 21	Contract for dredging Gowanus Canal, from the head to Union Street Bridge,	1,800 00	...	...	...	...	A.
1898. June 14	Street basins in C street and East avenue, Wallabout Market, ...	490 00	...	15	3	12	

DOCUMENT "F."

DEPARTMENT OF SEWERS—BOROUGH OF QUEENS, }
MUNICIPAL BUILDING, LONG ISLAND CITY, N. Y., }
July 5, 1898. }

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

DEAR SIR—I have the honor to transmit herewith, in accordance with section 1544, chapter 378, of the Laws of 1897, for your consideration, a statement of the transactions of the Department of Sewers, Borough of Queens, for the quarter ending June 30, 1898.

In the way of detail explanation, permit me to state that there are in the First Ward of the Borough (comprised by the five wards of the former Long Island City), 433 basins and about five miles of open drains, and about one and one-half miles of culverts.

In the Second Ward of the Borough (comprised of Woodside, Winfield, Corona, Elmherst, Laurel Hill, Maspeth, etc., formerly the Town of Newtown), there are about nine miles of open drains and about two miles of culverts.

In the Third Ward of the Borough (comprised of Flushing, College Point, Whitestone, Bay-side, etc., formerly Town of Flushing), there are 308 basins and about five miles of open drains and about two miles of culverts.

In the Fourth Ward of the Borough (comprised of Richmond Hill, Jamaica, Woodhaven, etc., formerly Village of Jamaica), there are 161 basins, 510 manholes, about five miles of open drains and about two miles of culverts.

The Fifth Ward of the Borough comprises Rockaway Beach, Far Rockaway, Rockaway Park, Arverne, Edgemere and Wavercrest; this ward has an independent disposal system, situated at Far Rockaway. During the last three months the total amount of coal consumed at Disposal Plant was 165,325 pounds, 189 barrels of lime, 1,100 pounds of acids and chemicals, 172 gallons of per-chloride of iron. There has been pumped 21,003,850 gallons of sewage, and same has been chemically treated. There has also been removed 500 tons of sludge, a large portion of which has been carted away by farmers for use as fertilizer.

The exact number of linear feet of sewers of the five wards of the Borough cannot be given, inasmuch as the original sewer maps of this Borough have been taken out of possession of the different Departments by the Board of Public Improvements at the beginning of the year, and have not as yet been returned.

There have been issued during the quarter 101 permits for sewer connections, and the sum of \$1,010 collected for same was turned over to the City Chamberlain, during this quarter.

6,515 linear feet of sewer were cleaned.
712 basins cleaned.
5,990 linear feet of sewer examined.
499 basins examined.
19 basins repaired.
395 linear feet of sewer repaired.
15 basin heads reset.
28 manhole heads and covers set.
12,117 feet of drains cleaned.
2,466 loads removed from basins, etc.

In addition to the above, there has also been 400 feet of 10-inch pipe taken up, cleaned and relaid to the proper grade at Whitestone.

The entire force employed in this Department at end of quarter (June 30, 1898), consisted of 1 Private Secretary, 1 Cashier, 1 Junior Clerk, 1 Engineer, 1 Leveler, 1 Superintendent at Disposal Works, 4 Inspectors, 2 Engineers, 2 Firemen, and 1 Laborer at Disposal Works, 6 Foremen, and 3 Assistant Foremen, 8 horses and carts, 13 Toolmen and 31 Laborers.

Appropriation Account.

Salaries—Including one-third salary of Deputy Commissioner..... \$16,186 67
Vouchers drawn (pay-rolls) during current quarter \$2,507.79. Total amount of
vouchers drawn to June 30, 1898..... 3,996 67
Balance, June 30, 1898..... \$12,190 00

Sewers, Repairing and Cleaning—
Amount of appropriation..... \$43,500 00
Vouchers transmitted during current quarter, \$14,542.44. Total amount of
vouchers drawn to June 30, 1898..... 17,984 08
Balance, June 30, 1898..... \$25,515 92

Yours respectfully,
(Signed) MATTHEW 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., June 30, 1898. }

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

DEAR SIR—Complying with your directions in the matter, I herewith transmit for your information a report of the transactions of the Department of Sewers during the quarter ending June 30, 1898, briefly stating in a general way the present condition of the sewers of the Borough, and the improvements which have been secured for them during the quarter.

First, the sewers are clean; second, the flushing of the entire sewer system has been materially improved, both automatically and by the introduction of periodical hand-flushing; third, during the closing days of the quarter complaints from residents concerning stoppages in sewers have entirely ceased; fourth, receiving-basins are, wherever located, clean, and the repair of the same has been during the quarter materially benefited.

Manhole frames and covers, heretofore above and below grade to such an extent as to form dangerous conditions for highway traffic, have been in most instances adjusted so as to coincide with the required surface of the highway.

The work prosecuted on the sewer system in the Fifth Ward of this Borough has been slow, owing to the inability of the Contractor to secure payments for work performed. A further extension of the sewer system of the island, by the method prescribed by the Charter, has been seriously interfered with by the fact that the local Borough Board has been to present date unorganized, but it is at this time expected that an early organization will be effected and petitions for sewer improvements promptly considered.

I now respectfully ask your attention to the detailed report which follows :

STATEMENT.

Moneys received..... \$251 00
Requisitions drawn on Comptroller..... 919 50

Number of permits issued..... 117
Linear feet of sewer built..... 1,356
" " cleaned..... 236,300
Number of basins cleaned..... 187
" " examined..... 197
" " repaired..... 4
" basin-heads reset..... 3
" manhole heads and covers set..... 1
" " reset..... 3
" manholes cleaned..... 119
" " built..... 5
" flush tanks built..... 4

Sewers, Repairing and Cleaning.

Mechanics..... Hours. 8
Helpers..... 31
Laborers..... 2,580
Carts..... 7

Trial Balance and Statement as per Ledger, Department of Sewers, Borough of Richmond,
for the Quarter ending June 30, 1898.

TITLE OF APPROPRIATION.	SALARIES, INCLUD- ING 1/3 SALARY OF DEPUTY COMMIS- SIONER.	SEWERS, REPAIRING AND CLEANING.	CONTINGEN- CIES.
Appropriation for 1898.....	\$9,985 67	\$8,000 00	\$500 00
Total amount of vouchers certified to Comptroller to date..	4,882 38	1,102 15	35 39
Balance of appropriation, month ending June 30.....	5,104 29	6,897 85	464 61
Amount of appropriation to date.....	4,993 33	4,000 00	250 00
One-twelfth of appropriation.....	832 22	666 67	41 67
Vouchers certified to Comptroller during current month....	787 20	250 35	None.

All of which is respectfully submitted,

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

DEPARTMENT OF PUBLIC BUILDINGS, LIGHTING
AND SUPPLIES.

CITY OF NEW YORK,
DEPARTMENT OF PUBLIC BUILDINGS, LIGHTING AND SUPPLIES, }
COMMISSIONER'S OFFICE, NO. 346 BROADWAY,
August 12, 1898. }

In accordance with section 1546, chapter 378 of the Laws of 1897, the Department of Public Buildings, Lighting and Supplies makes the following report of its transactions for the week ending August 6, 1898 :

PUBLIC LAMPS.

During the week 21 new lamps were erected and lighted; 1 lamp was relighted and 24 discontinued; 37 lamp-posts were removed, 36 reset and 43 straightened; 6 were relabeled.

CHANGES IN FORCE.

Boroughs of Manhattan and The Bronx.

Appointments—1 Foreman, 1 Bath Attendant, 1 Painter, 1 Cleaner, 1 Laborer.
Reinstatements—1 Inspector of Street Openings, 2 Cleaners.
Discharges—1 Varnisher, 1 Machinist's Helper.

Borough of Brooklyn.

Appointments—1 Toolman, 1 Bath Attendant.

REQUISITIONS ON THE COMPTROLLER.

The total amount of requisitions drawn on the Comptroller by this Department during the week is \$12,060.98.

HENRY S. KEARNY, Commissioner.

DEPARTMENT OF HEALTH.

WEEK ENDING SATURDAY, 12 M., AUGUST 20, 1898.

BOROUGH.	ESTIMATED POPULATION, JULY 1, 1898.	DEATHS.	BIRTHS.	MARRIAGES.	STILL-BIRTHS.	DEATH-RATE.
Manhattan.....	1,911,755	725	880	210	55	19.79
*The Bronx.....	137,075	78	64	8	4	29.69
Brooklyn.....	1,197,100	429	438	114	33	18.70
Queens.....	128,042	62	49	8	2	25.27
Richmond.....	64,927	47	13	5	2	37.77
City of New York.	3,438,899	1,341	1,444	345	96	20.35

* Many large institutions raise the death-rate.

Cases of Infectious and Contagious Diseases Reported.

	WEEK ENDING—													
	May 21.	May 23.	June 4.	June 11.	June 18.	June 25.	July 2.	July 9.	July 16.	July 23.	July 30.	Aug. 6.	Aug. 13.	Aug. 20.
Phthisis.....	160	220	154	169	217	145	211	100	153	167	200	100	148	166
Diphtheria.....	184	189	159	170	162	208	160	158	172	150	152	118	101	98
Croup.....	3	8	7	8	13	11	6	7	8	7	2	2	5	..
Measles.....	397	429	392	339	334	269	243	166	154	130	94	102	76	59
Scarlet Fever.....	240	186	176	195	142	123	146	91	125	87	99	71	58	64
Small-pox.....	1	..	..	..	..	..	..	..	1	..	..	..	..	..
Typhoid Fever.....	21	23	11	9	25	18	16	16	15	18	28	29	34	94
Typhus Fever.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total.....	1,006	1,055	899	890	893	774	782	538	628	559	575	422	422	481

Deaths According to Cause, Age and Sex.

	Total.	Males.	Females.	Under 1 Year.	1 Year and under 2.	2 and under 5.	Under 5 Years.	5-15.	15-25.	25-45.	45-65.	65 and over.
Total, all causes.....	1,341	711	630	514	118	52	684	52	59	230	192	124
Diphtheria.....	13	4	9	1	1	6	8	5	..	..	..	..
Croup.....	..	..	..	..	..	..	..	..	..	..	..	..
Malarial Fevers.....	5	3	2	..	1	..	1	1	..	2	..	..
Measles.....	6	3	3	2	1	2	5	1	..	..	..	..
Scarlet Fever.....	5	3	2	..	..	3	3	2	..	..	..	..
Small-pox.....	..	..	..	..	..	..	..	..	..	..	..	..
Typhoid Fever.....	18	12	6	..	..	1	1	2	4	8	3	..
Typhus Fever.....	..	..	..	..	..	..	..	..	..	..	..	..
Whooping-cough.....	17	9	8	11	5	1	17	..	..	..	..	..
Diarrhoeal Diseases.....	290	150	140	268	43	10	261	6	2	5	3	13
Phthisis.....	132	72	60	3	4	2	9	1	15	75	20	12
Other Tuberculous Diseases.....	25	11	14	9	1	2	12	2	5	4	2	..
Diseases of the Nervous System.....	94	53	41	24	9	4	37	2	2	15	21	17
Heart Diseases.....	53	25	28	..	..	..	..	..	2	15	24	12
Bronchitis.....	12	9	3	9	1	1	11	..	..	..	..	1
Pneumonia.....	79	42	37	28	13	8	49	3	5	11	8	3
Other Diseases of Respiratory Organs...	9	5	4	..	1	..	1	..	1	3	2	2
Diseases of Digestive System.....	186	97	89	84	32	8	124	7	4	15	19	17
Diseases of Urinary System.....	74	42	32	1	1	1	3	3	2	24	30	12
Congenital Debility*.....	124	66	58	122	2	..	124	..	..	..	..	..
Old Age.....	18	8	10	..	..	..	..	..	..	..	..	18
Suicides.....	22	18	4	..	..	..	..	..	4	8	7	3
Other violent deaths.....	57	42	15	..	1	3	4	12	8	18	11	4
All other causes.....	102	37	65	12	2	..	14	5	5	27	42	9

* Including premature births, atrophy, inanition, marasmus, atelectasis, cyanosis and preternatural births.

Causes of Death not Specified in the Foregoing Table.

Zymotic.	Circulatory.	Genito-urinary.
Erysipelas, 5; Cerebro-Spinal Fever, 6; Puerperal Fever, 4; Syphilis, 1.	Embolism, 1; Senile Gangrene, 2.	Bright's Disease and Nephritis, 67; Uræmia, 6; Calculus, 1.
Dietetic.	Respiratory.	Locomotor.
Alcoholism, 8.	Chronic Bronchitis, 3; Hydrothorax, 1; Gangrene of Lungs, 1; Pleurisy, 3; Abscess of Lungs, 1.	Arthritis, 2; Spinal Disease, 1.
Constitutional.	Digestive.	Integumentary.
Cancer, 43; Tubercular Meningitis, 7; Tuberculosis, etc., 15; Rheumatism, 4; Anæmia, 2; Diabetes, 4; Tabes Mesenterica, 3; Rickets, 1; Chronic Rheumatism, 1; Purpura, 1.	Gastro-enteritis, 92; Gastritis, 7; Enteritis, 27; Cirrhosis, 10; Peritonitis, 8; Obstruction of Intestines, 1; Hernia, 7; Typhilitis, etc., 11; Dentition, 8; Jaundice, 1; Other Liver Diseases, 1; Ulceration of Intestines, 2; Gall-stones, 1; Indigestion, 1; Stricture of Intestines, 2; Hepatitis, 2; Ulcer of Stomach, 1; Stomatitis, 1; Intestinal Hemorrhage, 1; Chronic Dyspepsia, 1; Athrepsia, 1.	Phlegmonous Cellulitis, 1; Furunculosis, 1.
Nervous.	Accident.	Other Causes.
Convulsions, 7; Meningitis and Encephalitis, 33; Apoplexy, 35; Paralysis, 4; Insanity, 4; Myelitis, 3; Epilepsy, 3; Tetanus, 2; Softening of Brain, 3.	Fractures and Contusions, 22; Burns and Scalds, 3; Drowning, 13; Sunstroke, 3; Railroad, 5; Poison, 4; Wounds, 2; Suffocation, 1; Electric Current, 1.	Otitis, 3; Puerperal Convulsions, 1; Miscarriage, 1; Post-partum Hemorrhage, 1; Elephantiasis, 1; Aphthæ, 2; Malformation of Heart, 4; Homicide, 3.

Deaths According to Cause, Annual Rate per 1,000 and Age, with Meteorology and Number of Deaths in Public Institutions for 13 Weeks.

	WEEK ENDING—													
	May 28.	June 4.	June 11.	June 18.	June 25.	July 2.	July 9.	July 16.	July 23.	July 30.	Aug. 6.	Aug. 13.	Aug. 20.	
Total deaths.....	1,137	1,054	1,068	1,134	1,078	1,292	1,759	1,419	1,486	1,469	1,579	1,522	1,341	
Annual death-rate	17.25	15.99	16.20	17.21	16.36	19.60	26.68	21.53	22.55	22.29	23.96	23.09	20.35	
Diphtheria.....	38	23	20	22	27	25	40	23	19	16	12	15	13	
Croup.....	1	3	1	9	5	4	4	3	3	2	2	7	..	
Malarial Fevers.....	5	6	2	2	4	2	4	2	2	4	3	8	5	
Measles.....	19	13	20	22	14	15	19	10	8	8	11	4	6	
Scarlet Fever.....	17	24	16	17	15	16	10	11	8	15	6	3	5	
Small-pox.....	..	..	..	..	..	..	..	..	..	..	..	..	..
Typhoid Fever.....	5	4	5	2	11	8	11	4	4	8	15	13	18	
Typhus Fever.....	..	..	..	..	..	..	..	..	..	..	..	..	..
Whooping-cough.....	13	16	16	10	20	24	18	35	27	32	22	25	17	
Diarrhoeal Diseases.....	22	18	26	36	74	170	399	330	388	348	380	342	290	
Diarrhoeal Diseases un- der 5 years.....	19	16	20	32	69	164	382	321	356	315	353	306	261	
Phthisis.....	155	127	136	158	135	138	157	134	145	157	145	120	132	
Bronchitis.....	41	17	22	28	19	29	26	28	12	7	13	21	12	
Pneumonia.....	138	137	116	121	90	104	108	89	83	80	79	80	79	
Other Diseases of Re- spiratory Organs..	16	16	22	15	16	22	16	18	13	13	16	15	9	
Violent Deaths.....	57	66	59	80	63	68	156	67	70	74	98	85	79	
Under one year.....	210	190	227	257	260	420	730	593	635	565	662	613	514	
Under five years.....	367	348	362	399	428	578	974	803	818	747	851	811	684	
Fifty to sixty-five.....	631	567	559	599	485	587	624	496	544	568	583	550	533	
Sixty-five years and over	139	139	147	136	165	127	161	120	124	154	145	161	124	
In Public and Private Institutions.....	283	246	253	289	241	294	320	245	266	328	306	323	272	
Inquest Cases.....	150	151	148	179	151	158	249	161	174	161	209	199	199	
Mean barometer.....	29.838	29.861	29.983	29.955	29.769	29.929	29.944	30.026	29.982	29.890	29.918	29.892	29.990	
Mean humidity.....	85	73	73	71	74	72	75	75	86	85	78	82	79	
Inches of rain and snow.....	2.43	..	.05	.08	.95	.17	.92	2.18	.26	1.04	1.25	1.26	.65	
Mean temperature (Fahrenheit).....	60.9°	65.8°	71.6°	73.0°	69.3°	78.6°	77.4°	71.1°	77.4°	78.5°	78.8°	73.9°	74.8°	
Maximum temperature (Fahrenheit).....	70°	76°	86°	89°	94°	94°	100°	91°	91°	95°	92°	90°	89°	
Minimum temperature (Fahrenheit).....	56°	54°	58°	59°	54°	67°	61°	57°	67°	70°	67°	65°	64°	

Infectious and Contagious Diseases in Hospitals.

	WILLARD PARKER HOSPITAL.			RIVERSIDE HOSPITAL.									
	Scarlet Fever.	Diphtheria.	Total.	Measles with Diphtheria.	Small-pox.	Scarlet Fever with Diphtheria.	Scarlet Fever with Measles.	Scarlet Fever with Pertussis.	Measles.	Diphtheria exposed to Scarlet Fever.	Scarlet Fever.	Measles and Pertussis.	Total.
Remaining Aug. 13.....	33	17	50	2	..	10	1	2	18	..	..	2	37
Admitted.....	5	2	13	..	..	2	..	..	3	1	..	..	6
Discharged.....	5	4	9	1	..	1	1	..	6	..	..	..	9
Died.....	1	1	2	..	..	..	..	..	..	..	..	..	..
Remaining Aug. 20.....	32	20	52	1	..	11	..	2	15	1	..	2	34
Total treated.....	38	25	63	2	..	12	1	2	21	1	..	2	43

	KINGSTON AVENUE HOSPITAL.									
	Diphtheria.	Tonsillitis.	Varicella.	Scarlet Fever with Diphtheria.	Scarlet Fever.	Scarlet Fever with Measles.	Measles.	Measles with Diphtheria.	Pertussis.	Total.
Remaining Aug. 13.....	24	..	..	..	6	..	3	..	6	40
Admitted.....	6	..	..	2	..	..	1	..	..	9
Discharged.....	2	..	..	..	3	..	3	..	1	10
Died.....	1	..	..	..	..	..	..	..	..	1
Remaining Aug. 20.....	27	..	..	2	3	..	1	..	5	33
Total treated.....	30	..	..	2	6	..	4	..	6	49

Inspections of Premises.

Temperature at hydrant, 71° Fahr.

Inspections under Law Regulating Employment of Women and Children in Mercantile and Manufacturing Establishments.

CHILDREN'S EMPLOYMENT CERTIFICATES GRANTED.

	COLOR.		BIRTHPLACE.													Total.									
			FOREIGN.									AMERICAN.													
	White.	Black.	Russia.	Austria.	Germany.	England.	Ireland.	Italy.	Hungary.	Bohemia.	Poland.	France.	Roumania.	Others.	N. Y. City.		N. Y. State.	New Jersey.	Pennsylvania.	Massachusetts.	Rhode Island.	Michigan.	Maryland.	Others.	
Mercantile, Male	87	..	10	1	3	3	..	1	1	..	..	..	..	8	58	..	..	1	1	..	..	..	..	..	87
“ Female	70	..	5	2	..	4	..	1	1	..	..	..	..	6	47	..	3	..	1	..	..	..	..	..	70
Manufacturing, Male	95	..	5	3	1	1	..	6	2	..	..	..	..	13	65	1	1	..	..	..	..	..	..	..	96
“ Female	90	..	4	2	2	1	1	5	..	..	..	..	..	14	55	2	2	1	..	..	..	..	1	..	90
Total	343	..	22	8	6	9	1	13	4	..	..	..	..	41	225	3	6	2	2	..	..	..	1	..	343

CHILDREN'S EMPLOYMENT CERTIFICATES REFUSED.

	COLOR.		BIRTHPLACE.													CAUSE.						
			FOREIGN.								AMERICAN.											
	White.	Black.	Russia.	Austria.	Germany.	Italy.	England.	Ireland.	Hungary.	Bohemia.	Others.	N. Y. City.	N. Y. State.	New Jersey.	Others.	Total.	Under Age.	Over Age.	Insufficient Tuition.	Insufficient Education.	Physical Incapacity.	Total.
Mercantile, Male.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
" Female....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Manufacturing, Male..	6	..	1	..	..	..	..	..	..	4	1	..	..	..	..	6	2	4	..	..	..	6
" Female....	4	..	1	..	..	..	..	..	..	..	3	..	..	..	..	4	4	..	..	..	..	4
Total,	10	..	2	..	..	..	..	..	..	4	4	..	..	..	..	10	6	4	..	..	..	10

Pathology and Bacteriology.

Total number of premises visited by Inspectors	397
" autopsies (human o, animal o)	10
" new cases treated with diphtheria anti-toxin by Medical Inspectors	15
" curative injections of diphtheria anti-toxin given by Medical Inspectors	22
" persons immunized with diphtheria anti-toxin by Medical Inspectors .....	..
" intubations performed	6
" inoculations of animals with toxins	3
" animals bled for anti-toxic serum	4
" samples of toxins tested	1
" samples of anti-toxic serums tested .....	..
" bacteriological examinations of suspected diphtheria, viz.: True 51, not diphtheria 29, indecisive 20, viz.: Culture made too late in disease 12, insufficient growth on culture medium 1, culture medium contaminated 4, culture medium dried up o, suspicious bacilli only found 2, no diphtheria bacilli found 1, laryngeal cases, antiseptic applied within two hours o	100
" bacteriological examinations of convalescent cases of diphtheria, preceding disinfection	139
" bacteriological examinations of healthy throats in infected families .....	..
" cultures in cases of suspected diphtheria taken by Medical School Inspectors in schools, viz.: Diphtheria bacilli found o, diphtheria bacilli not found o, indecisive o .....	..
" examinations of blood from cases of suspected typhoid fever (positive reaction 21, negative reaction 36), Widal test	57
" samples of feces or urine examined for typhoid bacilli (typhoid bacilli found o, not found 7), Hiss method	7
" bacteriological examinations of suspected tuberculosis (tubercle bacilli found 24, not found 38)	62
" microscopical preparations made and examined (tuberculosis)	86
" cases of pulmonary tuberculosis examined and removed to hospitals	3
" cases of pulmonary tuberculosis examined, removal not recommended	1
" animals vaccinated	2
" animals collected from	2
" grammes of vaccine virus collected	12.59
" cub. cent. of liquid vaccine virus prepared	30
" clinical tests of vaccine virus made	24
" samples of vaccine virus tested bacteriologically	14
" capillary tubes prepared	1,738
" small vials prepared	2
" large vials prepared	12
Amount of diphtheria anti-toxic serum produced in c.c. ....	..
Number of visits to Department Stations (collection of cultures, etc.)	236

Infectious and Contagious Diseases.

Total number of cases visited by Inspectors	1,455
" premises visited by Disinfectors	166
" rooms disinfected	381
" pieces of infected goods destroyed	20
" pieces of infected goods disinfected and returned	424
" persons removed to hospital	11
" primary vaccinations	20
" revaccinations	2
" certificates of vaccination issued	192
" cattle examined by Veterinarian	74
" glandered horses destroyed	3
" institutions inspected	54

Total number of dead animals removed from streets

2,345

Executive Action.

Total number of orders issued for abatement of nuisances	691
" Attorney's notices issued for non-compliance with orders	409
" civil actions begun	25
" criminal actions begun .....	..
" arrests made	5
" judgments obtained in civil courts	5
" " criminal courts	19
" permits issued	599
" persons removed from overcrowded apartments .....	..

By order of the Board,

EMMONS CLARK, Secretary.

DEPARTMENT OF BUILDINGS.

IN BOARD OF BUILDINGS, AUGUST 10, 1898.

The Board of Buildings met this day.

Present—Commissioners Brady, Guilfoyle and Campbell.

The minutes of the meeting of August 3, 1898, were read and adopted.

The petition of the Bush Company (limited), that the provisions of title 14, section 8, chapter 481 of the Laws of 1894, be modified so as to allow petitioners to erect three one-story brick warehouses, sixty-six feet eight inches by two hundred and fifty feet each, on the east side of First avenue, between Fortieth and Forty-first streets, in the Borough of Brooklyn, without cross-walls, was granted.

That portion of petition of A. B. Chandler to modify the provisions of title 14, section 22, chapter 481 of the Laws of 1894, so as to allow the construction of mansard roof of wooden rafters built in between with plastered fireproof blocks instead of angle-iron construction; premises, one building No. 389 Clinton avenue, near the southeast corner of Green avenue, was granted.

That portion of the petition asking modification of the law so as to allow the extension of bay-windows on the west end of addition, for a distance of two feet six inches, instead of one foot, was denied.

On motion of Commissioner Guilfoyle, the Secretary of the Board was directed to communicate with Commissioner Kearny, to ascertain what disposition had been made of the request of the Department of Buildings that a suitable room, more fully described in the requisition, be assigned for the use of the Plumbing Bureau of the Department of Buildings in the Borough of Brooklyn.

On motion of Commissioner Campbell, the Secretary was instructed to communicate with the Commissioner of Public Buildings, Lighting and Supplies respecting the non-delivery of certain furniture and office supplies for the use of the Board of Buildings, ordered on January 19, 1898.

Requisitions Nos. 40 to 54, for stationery and office supplies, were approved.

The Secretary of the Board was instructed to prepare a requisition on the Commissioner of Public Building, Lighting and Supplies for the installation of telephone service in the office of the Board of Buildings.

On motion of Commissioner Campbell, the Board then adjourned, to meet August 15, 1898, at 2 P. M., for the purpose of preparing the Department Estimate for the year 1899.

A. J. JOHNSON, Secretary.

OPERATIONS OF THE DEPARTMENT OF BUILDINGS OF THE CITY OF NEW YORK FOR THE WEEK ENDING AUGUST 20, 1898.

BOROUGH OF MANHATTAN AND THE BRONX.

Plans filed for new buildings, main office (estimated cost, \$608,000)	27
Plans filed for new buildings, branch office (estimated cost, \$245,950)	19
Plans filed for alterations, main office (estimated cost, \$73,790)	34
Plans filed for alterations, branch office (estimated cost, \$12,370)	10
Buildings reported as unsafe	63
Buildings reported for additional means of escape	18
Other violations of law reported	109
Unsafe building notices issued	153
Fire-escape notices issued	22
Violation notices issued	289
Unsafe building cases forwarded for prosecution	1
Fire-escape cases forwarded for prosecution	6
Violation cases forwarded for prosecution	98
Iron and steel inspections made	4,863
Complaints lodged with the Department	72

BOROUGH OF BROOKLYN.

Permits issued for new buildings (estimated cost, \$335,650)	82
Brick (estimated cost, \$216,400)	31
Frame (estimated cost, \$119,250)	51
Permits issued for alterations (estimated cost, \$36,047)	36
Buildings reported as unsafe	5
Buildings reported for additional means of escape	1
Other violations of law reported	44
Fire-escape notices issued	1
Violation notices issued	13
Violation notices forwarded for prosecution	12
Iron and steel inspections made	32
Passenger elevators examined	13
Letters written in reference to special violation reports	46
Complaints lodged with the Department	6

BOROUGH OF QUEENS AND RICHMOND.

Plans filed for new buildings (estimated cost, \$62,150)	29
Plans filed for alterations (estimated cost, \$6,255)	31
Plans filed for plumbing for buildings (estimated cost, \$1,315)	8

T. J. BRADY, President, Board of Buildings.

A. J. JOHNSON, Secretary.

APPROVED PAPERS.

No. 381.

Resolved, That permission be and the same is hereby given to John D. Willigan to erect a horse-trough at the northeast corner of Eighteenth street and Fifth avenue, in the Borough of Brooklyn, the work to be done and water supplied at his own expense, under the direction of the Commissioner of Highways; such permission to continue only during the pleasure of the Municipal Assembly.

Adopted by the Council, July 19, 1898.

Adopted by the Board of Aldermen August 16, 1898.

Approved by the Mayor, August 22, 1898.

No. 382.

Resolved, That permission be and the same is hereby given to Emil Schuette to suspend an American flag from the telephone-pole in front of his premises, No. 1972 Amsterdam avenue, Borough of Manhattan, the consent of the New York Telephone Company, owners of said pole, having been obtained, the work to be done at his own expense, under the direction of the Commissioner of Highways; such permission to continue only during the pleasure of the Municipal Assembly.

Adopted by the Council, August 2, 1898.

Adopted by the Board of Aldermen, August 16, 1898.

Approved by the Mayor, August 22, 1898.

No. 383.

Resolved, That permission be and the same is hereby granted to the Regular Democratic Association of the Seventh Assembly District to parade through the streets of the Borough of Brooklyn with a band of music, on the 29th day of August, 1898.

Adopted by the Council, August 2, 1898.

Adopted by the Board of Aldermen, August 16, 1898.

Approved by the Mayor, August 22, 1898.

No. 384.

Resolved, That William H. Eogan be and he is hereby permitted to move the watering-trough now located on Madison avenue between One Hundred and Thirty-fourth and One Hundred and Thirty-fifth streets, to the south side of One Hundred and Thirty-fifth street, between Madison avenue and Fifth avenue, about twenty-five feet north of Madison avenue, the same to be done at the owner's expense, and under the direction of the Commissioner of Highways; such permission to continue only during the pleasure of the Municipal Assembly.

Adopted by the Council, August 2, 1898.

Adopted by the Board of Aldermen, August 16, 1898.

Approved by the Mayor, August 22, 1898.

No. 385.

Resolved, That permission be and the same is hereby given to St. Leonard's Roman Catholic Church, in the Borough of Brooklyn, to lay a pipe across Melrose street, in the said borough, from the south to the north side of the said street, for the purpose of connecting the steam-heating apparatus in the school building on the north side of said street with the boiler in the church building on the south side of said street, the work to be done at their own expense, under the direction of the Commissioner of Highways.

Adopted by the Council, August 16, 1898.

Adopted by the Board of Aldermen, August 16, 1898.

Approved by the Mayor, August 22, 1898.

No. 389.

Resolved, That permission be and the same is hereby given to Thomas Higgins to place and keep two ornamental lamp-posts and lamps within the stoop line in front of his premises, No. 2125 Eighth avenue, in the Borough of Manhattan, provided the lamps be kept lighted during the same hours as the public lamps, that the posts shall not exceed the dimensions provided by law (eighteen inches square at the base), the lamps not to exceed two feet in diameter and not be used for advertising purposes, the work to be done and gas supplied at his own expense, under the direction of the Commissioner of Highways; such permission to continue only during the pleasure of the Municipal Assembly.

Adopted by the Board of Aldermen, August 16, 1898.

Adopted by the Council, August 16, 1898.

Approved by the Mayor, August 22, 1898.

DEPARTMENT OF BUILDINGS.

DEPARTMENT OF BUILDINGS,
NO. 220 FOURTH AVENUE,
BOROUGH OF MANHATTAN,
NEW YORK CITY, August 29, 1898.

Supervisor of the City Record:

DEAR SIR—I herewith notify you of the following change in the Department of Buildings in the Boroughs of Manhattan and The Bronx:

August 1, 1898. Phillip J. McKinley, Clerk; salary advanced from \$1,375 to \$1,500 per annum.

Yours respectfully,

T. J. BRADY,

Commissioner of Buildings for the Boroughs of Manhattan and The Bronx.

EXECUTIVE DEPARTMENT.

MAYOR'S OFFICE—BUREAU OF LICENSES,
NEW YORK, August 29, 1898.

Number of licenses issued and amounts received therefor, in the week ending Saturday, August 27, 1898:

DATE.	NUMBER OF LICENSES.	AMOUNTS.
Monday, Aug. 22, 1898	43	\$400 25
Tuesday, " 23, "	46	462 50
Wednesday, " 24, "	35	342 00
Thursday, " 25, "	37	417 50
Friday, " 26, "	25	236 50
Saturday, " 27, "	20	208 50
Totals.....	206	\$2,067 25

BOROUGH OF BROOKLYN.

Monday, Aug. 22, 1898	120	\$375 00
Tuesday, " 23, "	81	220 50
Wednesday, " 24, "	39	105 50
Thursday, " 25, "	60	187 50
Friday, " 26, "	58	171 00
Saturday, " 27, "	46	131 50
Totals.....	404	\$1,191 00

DAVID J. ROCHE,
Chief of Bureau of Licenses.

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.

No. 1 City Hall, 9 A. M. to 4 P. M.

DAVID J. ROCHE, Chief.

GEORGE W. BROWN, Jr., Deputy.

AQUEDUCT COMMISSIONERS.

Room 209, 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. FRELAY, Chief Engineer.

COMMISSIONERS OF ACCOUNTS.

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

BOARD OF ARMY COMMISSIONERS.
THE MAYOR, Chairman; PRESIDENT OF DEPARTMENT OF TAXES AND ASSESSMENTS, Secretary.
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.
AUGUSTUS W. PETERS, 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 5 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.; Saturday, from 9 A. M. until 12 M.

Borough of Richmond.

GEORGE CROMWELL, President.

PUBLIC ADMINISTRATOR.

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

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. KEATING, 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. PROBASCO, 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. BYRNES, Water Register.
JAMES MURPHY, Deputy Commissioner, Borough of Brooklyn, Municipal Building.
JOSEPH FITCH, Deputy Commissioner, Borough of Queens, Old City Hall, Long Island City.
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 37 Municipal Building.
JOSEPH LIBERTZ, 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. KEARNY, Commissioner of Public Buildings, Lighting and Supplies.
PETER J. DOOLING, Deputy Commissioner for Manhattan.
WILLIAM WALTON, Deputy Commissioner for Brooklyn.
HENRY SUTPHIN, Deputy Commissioner for Queens.
EDWARD I. MILLER, Deputy Commissioner for Richmond.

DEPARTMENT OF FINANCE.

Comptroller's Office.

Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.
BIRD S. COLER, Comptroller.
MICHAEL T. DALY, Deputy Comptroller.
EDGAR J. LEVEY, Assistant Deputy Comptroller.
EDWARD GILON, Collector of Assessments and Arrears.
DAVID O'BRIEN, Collector of City Revenue and Superintendent of Markets, Borough of Manhattan.
DAVID E. AUSTEN, Receiver of Taxes.
JOHN J. McDONOUGH, Deputy Receiver of Taxes, Borough of Manhattan.
JAMES B. BOUCK, Deputy Receiver of Taxes, Borough of Brooklyn.
JOHN F. GOULDSBURY, First Auditor of Accounts, Borough of Manhattan.
WILLIAM McKINNY, First Auditor of Accounts, Borough of Brooklyn.
MICHAEL O'KEEFE, Deputy Collector of Assessments and Arrears, Borough of Brooklyn.
WALTER H. HOLT, Auditor, Borough of Richmond.
JOHN J. FETHERSTON, Deputy Receiver of Taxes, Borough of Richmond.
GEORGE BRAND, Deputy Collector of Assessments and Arrears, Borough of Richmond.

EDWARD J. CONNELL, Auditor, Borough of The Bronx.
FREDERICK W. BLECKWENN, Deputy Receiver of Taxes, Borough of Queens.
FRANCIS R. CLAIR, Auditor, Borough of Queens.
Bureau of the City Chamberlain.

Nos. 25 and 27 Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.
PATRICK KEENAN, City Chamberlain.

Office of the City Paymaster.

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

LAW DEPARTMENT.

Office of 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. LADD, Jr., CHARLES BLANDY, Assistants.
ALMUT F. JENKS, 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.
ARTHUR A. QUINN, Deputy Commissioner.
JAMES FEENEY, 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.

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. DOCHARTY, 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.
JOHN M. GRAY, Fire Marshal, Boroughs of Brooklyn and Queens.
GEORGE E. MCQUAID (temporary), Assistant Fire Marshal, Borough of Manhattan.
Central Office open at all hours.

DEPARTMENT OF CORRECTION.

Central Office.

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

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.

DEPARTMENT OF EDUCATION.

BOARD OF EDUCATION.

No. 146 Grand street, Borough of Manhattan.
CHARLES BULKLEY HUBBELL, President; A. EMERSON PALMER, Secretary.

School Board for the Boroughs of Manhattan and The Bronx.

No. 146 Grand street, Borough of Manhattan.
CHARLES BULKLEY HUBBELL, President; ARTHUR McMULLIN, Secretary.

School Board for the Borough of Brooklyn.

No. 131 Livingston street, Brooklyn.
J. EDWARD SWANSTROM, President; GEORGE G. BROWN, Secretary.

School Board for the Borough of Queens.

Flushing, L. I.
G. HOWLAND LEAVITT, President; JOSEPH H. FITZPATRICK, Secretary.

School Board for the Borough of Richmond.

Stapleton, Staten Island.
FRANK PERLET, 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 MOREBUS, Commissioner in Borough of the Bronx, Zbrowski Mansion, Claremont Park.

DEPARTMENT OF DOCKS AND FERRIES.

Pier "A," N. R., Battery place.
J. SERGEANT 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.
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.

BOARD OF ASSESSORS.

Office, No. 320 Broadway, 9 A. M. to 4 P. M.
EDWARD CAHILL, THOMAS A. WILSON, JOHN DELMAR, EDWARD MCCUE and PATRICK M. HAVERTY, Board of Assessors.

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, THORNTON N. MOTLEY, 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. DEYO and WILLIAM N. DYKMAN, Commissioners.
LEE PHILLIPS, 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. ADER, 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.

COMMISSIONERS OF THE SINKING FUND.
The Mayor, Chairman; BIRD S. COLER, Comptroller; PATRICK KEENAN, Chamberlain; RANDOLPH GUGGENHEIMER, President of the Council, and ROBERT MUR, 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.
JOHN PURCELL, Commissioner.

SPECIAL COMMISSIONER OF JURORS.

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

N. Y. 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.

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.

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, THOMAS S. MOORE 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.

FOURTH WARDS.
Room 58, Schermerhorn Building, No. 95 Broadway. Meetings, Mondays, Wednesdays and Fridays, at 3 P. M.
DANIEL LORD, Chairman; JAMES M. VARNUM, WILLIAM E. STILLINGS, Commissioners.
LAMONT McLOUGHLIN, Clerk.

CORONERS.

Borough of Manhattan.
Office, New Criminal Court Building. Open at all times of day and night.
EDWARD I. 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 and JOHN H. V. ARNOLD, Surrogates; WILLIAM V. LEARY, Chief Clerk.

EXAMINING BOARD OF PLUMBERS.

Rooms 14, 15 and 16 Nos. 149 to 151 Church street.
President, JOHN RENEHAN; Secretary, JAMES E. MCGOVERN; Treasurer, EDWARD HALEY; 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. 12.
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. 23.
Trial Term, Part X., Room No. 22.
Naturalization Bureau, Room No. 26.

Justices—ABRAHAM R. LAWRENCE, CHARLES H. TRUAX, CHARLES F. MACLEAN, FREDERICK SMYTH, JOSEPH F. DALY, MILES BEACH, ROGER A. PRYOR, LEONARD A. GEIGERICH, HENRY W. BOOKSTAVEN, HENRY BISCHOFF, JR., JOHN J. FRIEDMAN, WILLIAM N. COHEN, P. HENRY DUGRO, DAVID MCADAM, HENRY R. BECKMAN, HENRY A. GILDERSLER, 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 W. M. K. OLCOTT, 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, JOHN L. DEVANNY, 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; JAMES FITZGERALD, Judge of the Court of General Sessions; JOHN W. GOFF, Recorder; JOSEPH E. NEWBURGER and MARTIN T. MCMAHON, Judges of the Court of General Sessions. JOHN F. 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.

JOHN F. 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 B. McLAUGHLIN, EDWARD PATTERSON, MORGAN J. O'BRIEN, GEORGE L. INGRAHAM, WILLIAM RUSSEY, Justices. ALFRED WAGSTAFF, Clerk. WM. LAMB, JR., Deputy Clerk.

CRIMINAL DIVISION, SUPREME COURT.
New Criminal Court Building, Centre street. Court opens at 10:30 o'clock A. M.

JOHN F. CARROLL, Clerk. Hours from 10 A. M. to 4 P. M.

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. FLEMMER, HERMAN C. KUDLICH, CLARENCE W. MEADE, JOHN O. MOTT, JOSEPH POOL, CHARLES E. SIMMS, JR., THOMAS F. WENTWORTH, W. H. OLMSTEAD, EHEN DEMAREST, 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 BRISTOW, Magistrate.

Third District—Myrtle and Vanderbilt avenues. CHARLES E. TEAL, 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. CONNORTON, 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, CHARLES B. COATES, Myrtle and Vanderbilt avenues, Borough of Brooklyn.

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. Court-room, No. 32 Chambers street (Brown Stone Building).

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. ABRAM 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. TIERNY, Justice.

Borough of Brooklyn.

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

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 E. 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 SCHNITZSPAHN, 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. GOETTING, Justice. HERMAN GOHLINGHORST, 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 West Eighth street, near Surf avenue, Coney Island (located temporarily).

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.

Borough of Richmond.

First District—First and Third Wards (Towns of Castleton and Northfield). Court-room, former Village Hall, Lafayette avenue and Second street, New Brighton.

JOHN J. 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 Park, Stapleton.

ALBERT REYNAUD, 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.

OFFICIAL PAPERS.

MORNING—"MORNING JOURNAL," "TELEGRAPH."

Evening—"Daily News," "Evening Sun."

Weekly—"Weekly Union," "Irish American."

German—"Morgen Journal."

WILLIAM A. BUTLER,

Supervisor, City Record.

JANUARY 19, 1898.

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: Boots, 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: Boots, 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.

DAMAGE COMM.—23-24 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 3 o'clock P. M., until further notice.

Dated New York, October 30, 1897.

DANIEL LORD, JAMES M. VARNUM, WILLIAM E. STILLINGS, Commissioners.

LAMONT McLOUGHLIN, Clerk.

DEPARTMENT OF WATER SUPPLY.

DEPARTMENT OF WATER SUPPLY,
COMMISSIONER'S OFFICE,

No. 150 NASSAU STREET,
NEW YORK, August 16, 1898.

NOTICE OF SALE AT PUBLIC AUCTION.

ON TUESDAY, AUGUST 30, 1898, AT 11 o'clock A. M., the Department of Water Supply will sell at public auction, to the highest bidder, by Mr. Thomas A. Kerrigan, auctioneer, at the Hempstead Storage Reservoir, located near the Village of Hempstead, County of Queens, Twelve (12) Horses, now stabled there.

TERMS OF SALE.

Cash payment in bankable funds at the time and place of sale. Bids will be received for the entire lot or for each horse singly. The purchasers must remove the horses sold without delay, and if the removal is not effected within three (3) days after the sale, the purchasers will forfeit the money paid in at the time of the sale and the ownership to the horses, which will thereafter be resold to the highest bidder.

WM. DALTON,
Commissioner of Water Supply.

MUNICIPAL CIVIL SERVICE COMMISSION.

MUNICIPAL CIVIL SERVICE COMMISSION OF THE CITY OF NEW YORK.

CENTRE, ELM, FRANKLIN AND WHITE STREETS,
NEW YORK, August 17, 1898.

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:

Wednesday, August 31, MECHANICAL ENGINEER. Subjects of examination: Writing, arithmetic, experience, technical knowledge.

LEE PHILLIPS,
Secretary.

FIRE DEPARTMENT.

HEADQUARTERS FIRE DEPARTMENT,
NEW YORK, August 24, 1898.

SEALED PROPOSALS FOR FURNISHING this Department with the Fire Apparatus below specified will be received by the Fire Commissioner, at the office of the Fire Department, Nos. 157 and 159 East Sixty-seventh street, in the Borough of Manhattan, in the City of New York, until 10:30 o'clock A. M.

WEDNESDAY, SEPTEMBER 7, 1898,

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

THREE ROTARY NOZZLES (two five-inch and one eight-inch).

These nozzles are to be delivered within ninety (90) days after the contract has been executed, and the security required is One Thousand Dollars.

Proposals may be submitted for furnishing either the single or double worm type of nozzle.

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

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

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

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

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

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

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

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

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

bound as 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 law. The adequacy and sufficiency of the security offered is to be approved by the Comptroller of the City of New York before the award is made and prior to the signing of the contract.

No estimate will be considered unless accompanied by either a certified check upon one of the banks of the City of New York, drawn to the order of the Comptroller, or money to the amount of Fifty (50) Dollars. Such check or money must not be inclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and retained by the City of New York as 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

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 National or State banks of The City of New York, drawn to the order of the Comptroller, or money to the amount of five per centum of the amount of the 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 be retained by The City of New York as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid the amount of his deposit will be returned to him.

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 are cautioned to examine the plans and specifications for particulars of the work, etc., required before making their estimates, and are cautioned against referring to any specifications other than those furnished by the Department. Such references are cause for rejecting bids whereon they are written, and will in no case govern the action of the Department officers in passing upon tenders.

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.

The form of the contract, including specifications, and showing the manner of payment, can be obtained and plans seen at the office of the Supervising Engineer, foot of East Twenty-sixth street, and bidders are cautioned to examine each and all of its provisions carefully, as the Board of Public Charities will insist upon its absolute enforcement in every particular.

JOHN W. KELLER, President,
ADOLPH SIMIS, JR., Commissioner,
JAMES FEENEY, Commissioner,
Department of Public Charities.

DEPARTMENT OF PUBLIC CHARITIES,
BOROUGHS OF MANHATTAN AND THE BRONX,
FOOT OF EAST TWENTY-SIXTH STREET,
NEW YORK, August 18, 1898.

PROPOSALS FOR THE MATERIALS AND WORK REQUIRED FOR ALTERATIONS TO THE OLD BUILDING ON THE PIER OF THE DEPARTMENT OF PUBLIC CHARITIES, FOOT EAST TWENTY-SIXTH STREET.

SEALED BIDS OR ESTIMATES FOR THE Materials and Work required for Alterations to the Old Building on the Pier of the Department of Public Charities, foot East Twenty-sixth street, in conformity with plans and specifications, will be received at the office of the Department of Public Charities, foot of East Twenty-sixth street, in The City of New York, until 12 o'clock M.

TUESDAY, AUGUST 30, 1898.

The person or persons making any bid or estimate shall furnish the same in a sealed envelope, indorsed "Bid or Estimate for the Materials and Work required for Alterations to the Old Building on the Pier of the Department of Public Charities, foot East Twenty-sixth street," with his or their name or names, and the date of presentation, to the head of said Department, at the said office, on or before the day and hour above named, at which time and place the bids or estimates received will be publicly opened by the President of said Department, or his duly authorized agent, and read.

THE BOARD OF PUBLIC CHARITIES RESERVES THE RIGHT TO REJECT ALL BIDS OR ESTIMATES IF DEEMED TO BE FOR THE PUBLIC INTEREST, AS PROVIDED IN SECTION 64, CHAPTER 410, LAWS OF 1892.

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

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

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

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 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 in the sum of two thousand dollars, and that if he shall omit or refuse to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled on its completion and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting; the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in The City of New York, and is worth the amount of the security required for the completion of this contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety or otherwise, and that he has offered himself as a surety in good faith and with the intention to execute the bond required by 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 National or State banks of The City of New York, drawn to the order of the Comptroller, or money

to the amount of five per centum of the amount of the 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 be retained by The City of New York as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

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 are cautioned to examine the plans and specifications for particulars of the work, etc., required before making their estimates, and are cautioned against referring to any specifications other than those furnished by the Department. Such references are cause for rejecting bids whereon they are written, and will in no case govern the action of the Department officers in passing upon tenders.

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.

The form of the contract, including specifications, and showing the manner of payment, can be obtained at the office of the architects, Horgan & Slattery, No. 1 Madison avenue, and bidders are cautioned to examine each and all of its provisions carefully, as the Board of Public Charities will insist upon its absolute enforcement in every particular.

JOHN W. KELLER, President,
ADOLPH SIMIS, JR., Commissioner,
JAMES FEENEY, Commissioner,
Department of Public Charities.

DEPARTMENT OF DOCKS AND FERRIES.

DEPARTMENT OF DOCKS AND FERRIES,
PIER "A," NORTH RIVER.

TO CONTRACTORS.

(No. 631.)

PROPOSALS FOR ESTIMATES FOR PREPARING FOR AND FOR COMPLETING THE RECREATION BUILDING AT THE FOOT OF NORTH SECOND STREET, EAST RIVER, IN THE BOROUGH OF BROOKLYN.

ESTIMATES FOR PREPARING FOR AND FOR COMPLETING THE Recreation Building at the foot of North Second street, East river, in the Borough of Brooklyn, will be received by the Board of Docks, at the head of the Department of Docks and Ferries, at the office of said Department, on Pier "A," foot of Battery place, North river, in The City of New York, until 11 o'clock A. M. on

TUESDAY, SEPTEMBER 6, 1898,

at which time and place the estimates will be publicly opened by the head of said Department. The award of the contract, if awarded, will be made as soon as practicable after the opening of the bids.

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

The bidder to whom the award is made shall give security for the faithful performance of the contract, in the manner prescribed and required by ordinance, in the sum of Five Thousand Dollars.

The Engineer's estimate of the nature, quantities and extent of the work is as follows:

1. Yellow Pine Lumber, 6" x 6", about 144 feet, B. M., measured in the work.
2. Spruce Furring, Jack Rafter and Nailing Strips, about 18,400 feet, B. M., measured in the work.
3. Tongued and grooved edge-grained Yellow Pine Flooring—

- a. New flooring to be laid over areas occupied by toilet rooms, about 528 square feet, laid.
- b. Present flooring to be removed and replaced, about 9,244 "

NOTE.—It is impossible to estimate at the present time the amount of this flooring, which after being removed, may be in sufficiently good condition to warrant its being replaced in the work. The contractor, therefore, will be required to estimate this item accordingly. New flooring will be required over the toilet-room area.

- c. Furred flooring or platforms at main entrances, about 154 square feet.

4. Tongued and grooved Spruce Sheathing for roof, 3/4" x 6", about 12,800 square feet, laid.

NOTE.—These sheathing boards are believed to be at the present time on the deck of the pier ready for use; but any deficiency in the amount required will be made good by the contractor without extra charge.

5. White Pine half-round Moulding, about 412 linear feet.

6. Screw Bolts, 3/8", 3/4" and 1 1/4", with nuts, and 3/4" Lag Screws, about 2,050 pounds.

7. Carriage Bolts, 1/2" and 3/4", about 1,850.

8. Structural Steel—

- a. Structural steel, including rolled plates and shapes, girders, beams, connections, bolts, rivets, angle clips and fastenings for joints and connections in structural steel work to be furnished and erected by the contractor, about 188,000 pounds.

- b. Erection of three roof trusses.

- c. Erection of two main stairs.

NOTE.—The material for the roof trusses and the stairs is believed to be at present on the site of the work. The contractor will assemble it and erect it, and provide all necessary fastenings for properly placing it in the structure.

9. Cast-iron Washers for 3/4" and 1 1/4" screw-bolts, about 405 pounds.

10. Galvanized Wrought Iron—

- a. Galvanized-iron Wire Screens, about 345 square feet.

- b. Hoops, 3

- c. Staples, 2

- d. Hinges, 10 feet.

- e. Chains for scuttle hatch, about 2

- f. Cleats for flag-poles, 164 feet.

- g. Two-inch wrought-iron pipe hand-rail for stairs, with brackets and fastenings, about 164 feet.

11. Corrugated Iron No. 26, about 3,100 square feet.

12. Galvanized Sheet Iron No. 26—

- a. Eaves cornice with gable-end cornice and pediment, about 660 linear feet.

- b. 4" corrugated sheet-iron leaders, with elbows, bends, goose-necks, fastenings, galvanized-iron wire strain-ers, etc., about 185 feet.

13. Wrought-iron Pipe Leaders, 4" diameter, about 64 feet.

14. Tin Roofing with flashings, about 14,000 square feet.

NOTE.—It is believed that the tin for this work is at present on the pier at the site of the work, but the contractor's attention is called to the note at the end of this list of quantities in regard to deficiency of material.

15. Railing—

- a. Railing posts of 3/8" cast-iron, 64

- b. Railing Panels, including 1" x 3/8" wrought-iron open web, riveted to 2" channel-iron frames, with 4" wrought-iron pipe hand-rail, surmounted with a cast-iron picket rail, 88 panels.

16. Miscellaneous—

- a. Bostwick Gates for main entrances, 2

- b. Doors for toilet-rooms, 3' x 7' x 1 1/2", 2

- c. Brass Padlocks, 5

- d. Cast-iron Wheel Guards, 6

- e. Trucks for flag-poles, 2

- f. Halyards for flag-poles, 4

- g. Nova Scotia Spruce flag poles, 30' long, including gilded ball, straps, brackets, hold-fasts, stay-ropes, rings and all fastenings, 2 coats.

17. Painting, about 12,800 square feet.

- a. Tin Roofing, about 12,800 square feet.

- b. Exterior and interior metal-work of every description, exclusive of cornices, structural iron and steel, and exclusive of railing, about 6,150 square feet.

- c. Structural Iron and Steel, about 225 tons.

- d. Railing, about 426 linear feet.

- e. Galvanized-iron Cornices, about 644 "

- f. Exposed Woodwork, about 30,200 square feet.

- g. Flag-poles, 2

18. Labor of every description, including the erection of three roof trusses at present on the site of the work, and the erection of two main stairs, the strings, treads, risers, platforms, etc., for which are at present on the site of the work. Also labor of every description for completing the structure in accordance with the plans and specifications.

19. Removal of material rejected or not to be replaced in the structure.

NOTE.—All material of this character, excepting the 15-inch steel purlins, will become the property of the contractor, and the value of such material must be considered in the estimated cost for its removal.

20. Out-of-town shop and mill inspection of structural iron and steel to be estimated at \$1 per ton, about 94 tons.

NOTE.—In the above statement of quantities no allowance is made for scarfs, laps, wastes or for dressing in the case of timber.

Where a deficiency of material for the completion of this structure occurs in the case of material believed at present to be available on the site of the work, the contractor must supply this deficiency without extra charge, and he must take due cognizance of this point and investigate for himself the probability of this event, and his bid for the work must be made with a due knowledge that this requirement will be enforced.

N.B.—As the above-mentioned quantities, though stated with as much accuracy as is possible in advance, are approximate only, bidders are required to submit their estimates upon the following express conditions, which shall apply to and become a part of every estimate received:

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

(2) Bidders will be required to complete the entire work to the satisfaction of the Department of Docks and Ferries, and in substantial accordance with the specifications of the contract and the plans therein referred to. No extra compensation, beyond the amount payable for the work before mentioned, which shall be actually performed at the price therefor, to be specified by the lowest bidder, shall be due or payable for the entire work.

The work to be done under the contract is to be commenced within five days after the date of the receipt of a notification from the Engineer-in-Chief of the Department of Docks and Ferries that the work or any part of it is ready to be begun, and all the work to be done under this contract is to be fully completed on or before the expiration of 45 days after the date of service of said notification, and the damages to be paid by the contractor for each day that the contract may be unfulfilled after the time fixed for the fulfillment thereof has expired, are, by a clause in the contract, determined, fixed and liquidated at Fifty Dollars per day.

All material to be removed from the present structure, excepting the 15-inch I beam purlins, will become the property of the contractor, and he will remove it from the site of the work. The value of all such material must be taken into consideration in bidding on the work to be done under the contract.

Where the City of New York owns the wharf, pier or bulkhead at which the materials under this contract are to be delivered, and the same is not leased, no charge will be made to the contractor for wharfage upon vessels conveying said materials.

Bidders will state in their estimates a price for the whole of the work to be done, in conformity with the approved form of agreement and the specifications therein set forth, by which price the bids will be tested. This price is to cover all expenses of every kind involved in or incidental to the fulfillment of the contract, including any claim that may arise through delay, from any cause, in the performing of the work thereunder. The award of the contract, if awarded, will be made to the bidder who is the lowest for doing the whole of the work, and whose estimate is regular in all respects.

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

The person or persons to whom the contract may be awarded will be required to attend at this office with the sureties offered by him or them, and execute the contract within five days from the date of the service of

a notice to that effect; and in case of failure or neglect so to do, he or they will be considered as having abandoned it and as in default to the Corporation, and the contract will be readvertised and relet and so on until it be accepted and executed.

Bidders are required to state in their estimates their names and places of residence, the names of all persons interested with them therein, and if no other person be so interested, the estimate shall distinctly state the fact; also that the estimate is made without any consultation, connection or agreement with, and the amount thereof has not been disclosed to, any other person or persons making an estimate for the same purpose, and is not higher than the lowest regular market price for the same kind of labor or material, and is in all respects fair and without collusion or fraud; that no combination or pool exists of which the bidder is a member, or in which the bidder is directly or indirectly interested, or of which the bidder has knowledge, either personal or otherwise, to bid a certain price or not less than a certain price for said labor or material, or to keep others from bidding thereon, and also that no member of the Municipal Assembly, head of a department, chief of a bureau, deputy thereof, or clerk therein, or any other officer or employee of the Corporation of The City of New York, or any of its departments, is directly or indirectly interested in this estimate, or in the supplies or work to which it relates, or in any portion of the profits thereof, and has not been given, offered or promised, either directly or indirectly, any pecuniary or other consideration by the bidder or anyone in his behalf with a view to influencing the action or judgment of such officer or employee in this or any other transaction heretofore had with this Department, which estimate must be verified by the oath, in writing, of the party making the estimate that the several matters stated therein are in all respects true. Where more than one person is interested, it is requisite that the verification be made and subscribed to by all the parties interested.

In case a bid shall be submitted by or in behalf of any corporation, it must be signed in the name of such corporation by some duly authorized officer or agent thereof, who shall also subscribe his own name and office. If practicable, the seal of the corporation should also be affixed.

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

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

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

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

In case there are two or more bids at the same price, which price is the lowest price bid, the contract, if awarded, will be awarded by lot to one of the lowest bidders.

THE RIGHT TO DECLINE ALL THE ESTIMATES IS RESERVED IF DEEMED FOR THE INTEREST OF THE CORPORATION OF THE CITY OF NEW YORK.

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

Dated New York, July 29, 1898.
J. SERGEANT CRAM,
CHARLES F. MURPHY,
PETER F. MEYER,
Commissioners of Docks.

DEPARTMENT OF DOCKS AND FERRIES,
PIER "A," NORTH RIVER.

TO CONTRACTORS.

(No. 639.)

PROPOSALS FOR ESTIMATES FOR PREPARING FOR AND BUILDING A NEW PIER AT THE FOOT OF WATTS STREET, NORTH RIVER, IN THE BOROUGH OF MANHATTAN.

ESTIMATES FOR PREPARING FOR AND building a New Pier, at the foot of Watts street, North river, will be received by the Board of Commissioners at the head of the Department of Docks and Ferries, at the office of said Department, on Pier "A," foot of Battery place, North river, in The City of New York, until 11 o'clock A. M. on

FRIDAY, SEPTEMBER 2, 1898,

at which time and place the estimates will be publicly opened by the head of said Department. The award of the contract, if awarded, will be made as soon as practicable after the opening of the bids.

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

The bidder to whom the award is made shall give security for the faithful performance of the contract, in the manner prescribed and required by ordinance, in the sum of Twenty-three Thousand Dollars.

The Engineer's estimate of the nature, quantities and extent of the work is as follows:

THE CITY RECORD IS PUBLISHED DAILY,
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City Hall, New York City. Annual subscription, \$9.30,
postage prepaid. **WILLIAM A. BUTLER,**
Supervisor.