

THE CITY RECORD.

OFFICIAL JOURNAL.

VOL. XVII.

NEW YORK, WEDNESDAY, JULY 3, 1889.

NUMBER 4,906.



HEALTH DEPARTMENT.

HEALTH DEPARTMENT OF THE CITY OF NEW YORK,
New York, June 18, 1889.

The Board met pursuant to adjournment.
Present—Commissioners Charles G. Wilson, Joseph D. Bryant, and The Health Officer of the Port.

The minutes of the last meeting were read and approved.
The Attorney and Counsel presented the following reports:

Weekly report of suits commenced and discontinued, judgments obtained and costs collected.

Orders received for prosecution.....	159
Attorneys' notices issued.....	227
Nuisances abated before suit.....	224
Civil suits commenced for violation of ordinances (Sanitary Code).....	42
Civil suits commenced for other causes.....	2
Nuisances abated after commencement of suit.....	40
Suits discontinued—by Board.....	31
Judgments for the Department—Civil suits.....	2
Executions issued.....	4
Judgments for the people—criminal suits.....	3
Judgments for the defendant—criminal suits.....	1
Civil suits now pending.....	282
Criminal suits now pending.....	140
Money collected and paid to Auditor—Civil suits.....	\$5
Money paid into the Court—Criminal suits.....	\$60

Weekly report of cases wherein nuisances have been abated and recommendations that actions be discontinued.

On motion, it was

Resolved, That the actions against the following-named persons for violations of the Sanitary Code be discontinued without costs, to wit:

NAMES.	No.	NAMES.	No.
William J. Reardon.....	2449	Lawrence Drake.....	289
Charles H. Clark.....	2406	Matilda A. Gebhardt.....	292
Anna Duch.....	2537	John M. Hogencamp.....	295
John A. Ebel.....	2569	Thomas McGuire.....	303
Mary Gill.....	2674	Joseph Oberle.....	305
Rebecca Childs.....	3201	Mary Stoetzel.....	316
Henry Greenburg.....	3254	Joseph J. West.....	321
John L. Gordon.....	3321	Joseph J. West.....	322
Solomon Jacobs.....	3436	Arthur A. Anderson.....	326
Charles Capalette.....	3460	Samuel Bush.....	327
John Glaser.....	3542	David Cohen.....	328
Robert Hall.....	3583	Rosa Fleck.....	339
Max Danziger.....	12	Cornelius McCahill.....	354
John Hughes.....	21	Jeremiah Pangburn, Jr.....	355
Arthur Brue.....	88	Mary Reilly.....	272
Christiana Heheling.....	139	Joseph J. West.....	282
Frank Hech.....	185	Alexander Kohn.....	298
Christopher Vorndran.....	237	Eleazer Mierhof.....	301
William H. Thomas.....	276	Max Danziger.....	333
Matilda Cuger.....	288	William Schuster.....	360

The Sanitary Committee Presented the following Reports:

Weekly report from Riverside Hospital (small-pox).
Weekly report from Riverside Hospital (fevers).
Weekly report from Reception Hospital.
Weekly report from Willard Parker Hospital.
Report on changes in the Hospital Service.
Resolved, That the following changes in the Hospital Service be and are hereby approved:

NAMES.	POSITION.	SALARY.	APPOINTED. RESIGNED.	DATE.
Maggie Curran.....	Laundress.....	\$168 00	Resigned.....	June 15, 1889.
Mary Murray.....	".....	".....	Appointed.....	" 18, "

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

NAMES.	AMOUNT.	NAMES.	AMOUNT.
William Cowles.....	\$25 00	N. Y. Mutual Gas-light Co.....	\$15 00
John Meister.....	60 00	E. J. Downing & Co.....	17 50
J. E. Dougherty.....	7 50	J. Reynders & Co.....	32 00
G. W. Winant & Son.....	10 50	Frazee & Co.....	43 52
Eimer & Amend.....	27 00	A. McGerald.....	36 93
Consolidated Gas Co.....	64 50	C. W. Klappert Sons.....	138 72
Charles Lederer.....	93 51		

The following Communications were Received from the Sanitary Superintendent:

Weekly report of the Sanitary Superintendent.
Weekly report of the Chief Sanitary Inspector.
Weekly report of the Chemist and Assistant Chemist.
Weekly report of work performed by the Inspectors of Offensive Trades.
Weekly report on manure dumps.
Weekly reports on condition of offal and night-soil boats.
Weekly reports on condition of slaughter-houses.
Monthly reports of charitable institutions.
Reports on applications for permits.
Reports on applications for relief from orders.
Reports on overcrowding in tenements.
Report of Inspector of Offensive Trades on complaint of foul odors by residents West Twenty-third street.
Report of Inspector of Offensive Trades in relation to gas-main in Twentieth street.
Report of Chemist on analysis of manure when baled. Referred to Sanitary Committee.

Report of Chemist on condition of Vesey street pier (9569). Referred to Attorney, with instructions to commence proceedings for violation of stipulation.

The Sanitary Superintendent, to whom was referred the complaint of the Fox Estate Association in the matter of a shooting-range maintained at Schutzen Park, Boston avenue and One Hundred and Seventieth street, returned the same, with reports of Inspector Parsons, which were submitted, and statements were made before the Board by parties interested, and, after due consideration, the following preamble and resolution were adopted:

Whereas, A hearing has been granted to the residents of Boston avenue, near One Hundred and Seventieth street, respecting the nuisance, annoyance and disturbance of the neighborhood from the shooting park or rifle range, and the noise and firing at such place; the reports of Inspector Parsons having been considered,

Resolved, That a hearing be granted to the society or association of which Mr. Philip Ebling is President, on Tuesday, June 25, 1889, at 2 o'clock, and the Board will then consider the necessity of a further action on the premises and the measures necessary to abate said nuisance.

The following Communications were Received from the Chief Inspector of Contagious Diseases:

Weekly report of work performed by the Division of Contagious Diseases.
Weekly report of work performed by the Veterinarian.

The following Communications were Received from the Register of Records:

Weekly letters.
Weekly abstracts of births.
Weekly abstracts of still-births.
Weekly abstract of marriages.
Weekly mortuary statement.
Weekly abstract of deaths from contagious diseases.
Weekly report of clerks.
Reports on delayed births and marriage returns.
Reports on applications to file supplemental papers.
Report of Register on local death rates in New York City, in 1888. Referred to Sanitary Committee.

Reports on Overcrowding in Tenement-houses.

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

It is ordered, That the number of occupants in said tenement-houses in New York City be and is hereby reduced, as follows:

NUMBER.	LOCATION.	FRONT OR REAR HOUSE.	FLOOR.	LESSEE.	REDUCED TO	
					Adults.	Children.
1309	No. 7 Jersey street.....	.....	Second, r.....	Mana Lowery.....	3	1
1310	No. 9 Jersey street.....	.....	First, r.....	Antony Mungeria.....	4	..
1311	".....	.....	Third, r.....	Rocco Carvaro.....	1	2
1312	".....	.....	Second, f.....	Joseph Samies.....	5	2
1313	No. 11 Jersey street.....	.....	".....	Michael Varip.....	3	5
1314	".....	.....	Third, w. s.....	Tony Garlew.....	1	1
1315	".....	.....	Third, e. s.....	Loorch Septer.....	1	1
1316	No. 13 Jersey street.....	.....	Second, f.....	Joseph Felelo.....	5	1
1317	".....	.....	Third, w. s.....	Pasquale Ripp.....	1	1
1318	".....	.....	Third, r.....	John Coach.....	1	3
1319	No. 15 Jersey street.....	.....	Basement, f.....	Miren Siente.....	2	..
1320	".....	.....	First, f.....	Philip Amaro.....	1	2
1321	".....	.....	First, r.....	Michael Oien.....	1	1
1322	".....	.....	Second, f.....	Joseph Romanelce.....	1	5
1323	".....	.....	Second, r.....	John Esalto.....	..	3
1324	".....	.....	Third, r.....	Rofiel Golden.....	1	..

Orders Suspended, Extended, Modified, Rescinded or Referred.

No. OF ORDER.	ON PREMISES AT	TIME EXTENDED TO	REMARKS.
6322	No. 234 Broadway.....	Aug. 15, 1889	
6958	No. 232 West Thirty-sixth street.....	July 15, "	
8162	No. 170 West One Hundred and Twenty-sixth street.....	Sept. 15, "	
9206	Mott avenue, One Hundred and Sixty-second and One Hundred and Sixty-third streets.	July 15, "	
9276	No. 185 Henry street.....	.....	Modified not to require portion of order relating to bath-tub over floor, provided balance of order is complied with at once.
9461	No. 121 West Thirty-second street.....	July 1, 1889	For ventilating soil-pipe, provided balance of order be complied with
9508	No. 218 West Thirty-second street.....	" 1, "	Provided obstructions are removed from soil-pipe of hopper-closet and the same thoroughly cleaned.
9701	No. 355 West Forty-first street.....	" 8, "	
9793	No. 9 First avenue.....	May 1, 1890	For new iron waste-pipe, provided the sinks are trapped, and extend and ventilate the present main waste-pipe two feet above the roof.
9938	Nos. 302 and 304 East One Hundred and Sixth street.....	Dec. 1, 1889	For new house-drain, provided balance of order is complied with at once.
9992	Nos. 154 to 160 East Ninety-first street.....	.....	Revoked, provided the privy vault be disinfected, cleaned and filled with fresh earth at once.
10103	No. 37 East Eighty-seventh street.....	Oct. 1, 1889	
10237	Nos. 3, 4 and 5 Stanton place.....	July 21, "	
10361	No. 1540 Second avenue.....	April 1, 1890	
10374	South side of Seventy-seventh street, one hundred feet east of Ninth avenue.....	Oct. 15, 1889	
12512	No. 55 North Moore street.....	.....	Modified to require but one additional water-closet.
15036	Nos. 230 and 232 First avenue (front).....	.....	Modified to require two additional water-closets instead of five.
15259	No. 602 East Twelfth street.....	.....	Modified to require but one additional water-closet.
16770	No. 1331 Washington avenue.....	Oct. 1, 1889	
17158	No. 102 Pitt street.....	.....	Modified to require two additional water-closets instead of three.
17262	No. 100 Pitt street.....	.....	Modified to require three additional water-closets instead of five.
17519	No. 1007 Madison avenue.....	July 5, 1889	
18142	No. 243 East Seventy-seventh street.....	.....	Modified to require one additional water-closet.
21888	No. 424 West Forty-ninth street.....	May 1, 1890	
22445	Nos. 171 to 177 Western Boulevard.....	July 10, 1889	
22724	West side of Ninth avenue, seventy-five feet west of Eighty-ninth street.....	Aug. 1, "	
24595	West side of Tenth avenue and third house north of Seventieth street.....	May 1, 1890	
24683	North side of Fifty-seventh street, south side of Fifty-eighth street, beginning three hundred and fifty feet west of Eleventh avenue and extending one hundred feet.....	July 1, 1889	

Revoked.

Nos. 3908, 4246, 6440, 13437, 14197, 15247, 15252, 16334, 15371, 15438, 15444, 15504, 15509, 15513, 15517, 15629, 15632, 15818, 15869, 18296, 16031, 16036, 16271, 16280, 16400, 16527, 16650, 16660, 16662, 16857, 16998, 17058, 17074, 17077, 17079, 17182, 17258, 17348, 17423, 17452, 17457, 17461, 17562, 17708, 17944, 17951, 17979, 18042, 18053, 18283, 18284, 18529, 18533, 18540, 18565, 18744, 21142, 21858, 23438, 26227.

Amendments to Light and Ventilation Plans.

Resolved, That the following amendments to light and ventilation plans be and are hereby approved:

- Plan No.
6435. For one tenement, No. 653 Second avenue.
6567. For two tenements, Nos. 508 and 510 West Nineteenth street.
6610. For eight tenements, Willis avenue, east side, between One Hundred and Thirty-fourth and One Hundred and Thirty-fifth streets.
6620. For two tenements, Ninety-fifth street, north side, one hundred feet west of Ninth avenue.
6769-2. For one tenement, No. 1181 Second avenue.
6965. For two tenements, Ninth avenue, west fifty-one feet north of Seventy-fifth street.
6996. For one tenement, No. 119 West Houston street.

Violations to the Attorney.

Resolved, That the following violations of law in respect to light and ventilation of tenement-houses be and are hereby referred to the Attorney:
Nos. 577, 928, 1011, 1018, 1091, 1548, 1562.

Sanitary Bureau.

The following is a record of the work performed in the Sanitary Bureau for the week ending June 15, 1889:

There were 7,305 inspections made by the Sanitary Inspectors and the Sanitary Police.
There were 620 complaints returned by the Sanitary Inspectors and the Sanitary Police.
There were 556 complaints received from citizens and referred to the Sanitary Inspectors and Sanitary Police for investigation and report.
There were issued to the consignees of vessels, to discharge cargoes, on vouchers from the Health Officer of the Port, 64 permits.
There were issued to consignees, to discharge rags (in bulk, under bonds), 7 permits.
There were issued to scavengers to empty, clean and disinfect privy sinks, 42 permits.

Report of Vital Statistics for the Week ending June 15, 1889.

WEEK ENDING SATURDAY, 12 M.	Certificates Received and Tabulated.	Increase over Previous Week.	Decrease from Previous Week.	Annual Rate per 1,000, Population Estimated at 1,569,536.	Burial Permits Issued.	Transit Permits Issued.	Coroners' Cases.	Searches Made.	Transcripts Issued.	Entered in Registers.	Indexed.
Marriages.....	317	....	9	10.50	....	....	....	31	11	....	317
Births.....	654	....	42	21.67	....	....	....	25	13	....	654
Deaths.....	718	30	....	23.79	718	12	75	104	80	....	718
Still-births.....	73	10	....	2.42	73	....	5	....	....	....	73

Of the total number of deaths reported, those due to contagious diseases and to certain diseases whose prevalence may be due to variable local conditions were as follows:

CAUSE OF DEATH.	Deaths Reported.	Deaths Reported in Previous Week.	INCREASE OR DECREASE OF DEATHS, BY WARDS.										
			1	2	3	4	5	6	7	8	9	10	11
Cerebro-spinal Meningitis.	6	4	....	....	....	....	....	....	....	....	+1	....	....
Diphtheria.....	50	41	....	....	....	+1	....	....	....	+1	....	+3	+2
Enteric Fever.....	4	4	....	....	....	....	....	....	....	....	....	....	....
Erysipelas.....	3	3	....	....	....	....	....	....	-1	....	....	....	....
Malarial Fevers.....	2	4	....	....	....	....	....	-1	....	....	....	....	....
Measles.....	8	10	....	....	....	....	....	+1	....	....	-2	+1	-1
Scarlatina.....	26	26	....	....	....	-1	....	....	....	+1	-1	+1	+1
Small-pox.....	....	....	....	....	....	....	....	....	....	....	....	....	....
Typhus Fever.....	....	....	....	....	....	....	....	....	....	....	....	....	....
Whooping-cough.....	19	11	....	....	....	....	....	-2	-1	-1	....	+1	....
Diarrhoeal Diseases.....	56	22	....	....	....	+1	-1	....	+2	+2	+7	+3	....
Bronchitis.....	19	28	+1	....	....	-1	-1	....	-1	-1	....	-2	+2
Croup.....	9	11	-1	....	....	....	....	+1	-1	....	....	....	....
Pneumonia.....	54	67	+1	....	....	....	-2	-2	-1	....	....	-1	+1
Puerperal Diseases.....	10	5	+1	....	....	....	....	....	+1	....	+1	+1	....
Under 1 Month.....	49	42	-1	....	....	+1	+2	....	....	-1	+1	....	+1
1 Month and under 5 Years.	286	244	-2	....	....	+2	-2	-4	+4	+3	+9	+3	+1
65 and over.....	61	54	+1	....	....	+1	....	+1	-1	....	-1	+1	+1
Total.....	718	688	-5	....	....	....	-4	-5	....	+4	+7	+7	+10

CAUSE OF DEATH.	INCREASE OR DECREASE OF DEATHS, BY WARDS.																			
	12	13	14	15	16	17	18	19	20	21	22	23	24							
Cerebro-spinal Meningitis	+	1	...	...	...	-	1	...	+	1	...	...	...				
Diphtheria.....	...	-	1	+	1	...	-	3	-	1	+	1	-	2	...					
Enteric Fever.....	+	2	...	...	...	...	-	1	...	...	...	-	1	...	...			
Erysipelas.....	+	1	...	...	...	...	...	...
Malarial Fevers.....	+	1	...	-	1	...	-	1	+	1	...				
Measles.....	+	2	-	2	+	1	...	...	-	1	...	...	-	1	...	...		
Scarlatina.....	+	3	...	...	...	-	1	-	1	+	3	-	2	-	1	...				
Small-pox.....				
Typhus Fever.....				
Whooping-cough.....	+	2	+	2	+	1	-	1	...	-	1	...	-	1	+	1	...			
Diarrhoeal Diseases.....	+	5	+	1	-	1	+	1	+	3	+	1	+	9	+	2	...			
Bronchitis.....	+	1	+	2	-	2	-	1	-	3	+	1	...		
Croup.....	-	3	...	...	+	1	-	1	...	...	+	1	...	...	...	...	...	...
Pneumonia.....	+	1	-	1	-	1	+	2	+	3	...	-	2	-	2	...	-	7	...	
Puerperal Diseases.....	+	1	-	1	+	1	-	1	...	...	...	...	...	...
Under 1 Month.....	+	7	+	2	...	...	...	+	2	...	...	-	3	-	2	...	...	...	...
1 Month and under 5 Years.	+	4	-	2	+	2	+	3	+	1	-	10	+	3	+	18	-	4	...	
65 and over.....	-	1	-	1	-	1	...	...	+	3	+	1	...	...	+	3	+	1	...	
Total.....	+	14	+	7	+	6	+	3	+	6	-	1	-	2	-	8	...	+	5	...
																</				

The 718 deaths represent a death-rate of 23.79 as against 22.81 for the previous week, and 23.20 for the corresponding week of 1888.

The increase of 30 deaths was due to the increase of 34 in the deaths from diarrhoeal diseases. There were also 9 more deaths from diphtheria than in the previous week; while the deaths from scarlet fever were the same. There was a decrease of 9 deaths from bronchitis, and of 13 from pneumonia.

The increase of diarrhoeal diseases was most marked in the Ninth, Twelfth, Nineteenth, and Twenty-first Wards, and that of diphtheria in the Twenty-second Ward.

Analysis of Croton Water for Wednesday, June 19, 1889. Results Expressed in Grains per U. S. Gallon of 231 Cubic Inches.

Appearance.....	Somewhat turbid.
Color.....	Very light yellowish brown.
Odor (heated to 100° Fahr.).....	Marshy.
Chlorine in Chlorides.....	0.115.
Equivalent to Sodium Chloride.....	0.190.
Phosphates.....	None.
Nitrites.....	None.
Nitrogen in Nitrates and Nitrites.....	0.0216.
Free Ammonia.....	Trace.
Albuminoid Ammonia.....	0.0015.
Hardness equivalent to Carbonate of Lime.....	Before boiling.....2.333. After boiling.....2.333.
Organic and Volatile (loss on ignition).....	1.225.
Mineral matter (non-volatile).....	2.857.
Total solids (by evaporation).....	4.082.

Analysis of Croton Water for Wednesday, June 19, 1889. Results Expressed in Parts by Weight in One Hundred Thousand.

Appearance.....	Somewhat turbid.
Color.....	Very light yellowish brown.
Odor (heated to 100° Fahr.).....	Marshy.
Chlorine in Chlorides.....	0.197.
Equivalent to Sodium Chloride.....	0.325.
Phosphates.....	None.
Nitrites.....	None.
Nitrogen in Nitrates and Nitrites.....	0.0371.
Free Ammonia.....	Trace.
Albuminoid Ammonia.....	0.0025.
Hardness equivalent to Carbonate of Lime.....	Before boiling.....4.00. After boiling.....4.00.
Organic and volatile (loss on ignition).....	2.10.
Mineral matter non-volatile.....	4.90.
Total solids (by evaporation).....	7.00.

By order of the Board.

EMMONS CLARK, Secretary.

[Extract from Board Meeting, June 14, 1889.]

Resolved, That the Inspectors of the Health Department be and are hereby directed to respond at once, at all times, for the purpose of observing the existence and determining the source of any nuisance to which their attention may be called by a police officer or by a citizen.

Resolved, That the Commissioners of Police be requested to co-operate with this Department in the abatement of offensive odors, by directing the police officers to immediately notify this Department of the existence of any offensive odors that may come to their knowledge, as follows:

If between 9 A. M. and 4 P. M., notice to be sent to this office, Sundays excepted.
On Sundays, and between the hours of 4 P. M. and 9 A. M., such notice to be sent to the Inspector residing nearest the Station-house.

Resolved, That the Superintendent of the Police be and is hereby requested to cause the facts of such notification to Inspectors to be transmitted to the Board each day.

HEALTH DEPARTMENT, June 18, 1889.

EMMONS CLARK, Esq., Secretary:

SIR—I have the honor to submit a preliminary report upon local death rates in this City during the year 1888, the first year since the organization of the Health Department that the materials for such an investigation have been available.

In addition to their other duties, the Sanitary Police between March and December took a census of the population living in tenement-houses. Under the Law of 1887 a tenement-house is one occupied by more than two families living separately. The census included many houses called by the landlords and tenants apartment houses, but none of the better class, like those facing Central Park, for instance. Of course the dividing line between those taken as tenements and those that were not, had to be fixed by the individual judgment of each officer, but the census practically included all the houses that are more or less constantly under the supervision of the Board of Health, and no others. It furnished by street and number the population of each house, classifying them as five years old or more and under five years of age.

A record of deaths was kept during the year by street and number, on the principle of the card catalogue of a library. Many people die in institutions who have no other residence (foundlings and orphans, for instance), and in many cases the officials of institutions are unable to learn the previous residence of the patient or neglect to ascertain it. In all cases, however, when the residence before admission to the institution was given on the certificate of death, the case was redistributed to such residence. Out of a total of 7,774 deaths in institutions 3,444 were thus redistributed. Of the 4,330 remaining undistributed some should undoubtedly, if it were possible, be referred to the houses under consideration. The impossibility of doing this affects the accuracy of the tables, but reasons will be given hereafter for believing that the conclusions drawn from them could not in any event be materially changed.

These two records furnished the means for a direct comparison of the deaths and the population of the houses included in the census, and constituted the raw material from which the following tables were constructed.

For the purpose of this investigation the city was divided into six districts, the comparisons and combinations for each district being made separately. These districts were as follows, the dividing line in each case being in the middle of the street:

- District 1. South of Fourteenth street, east of Broadway.
- " 2. South of Fourteenth street, west of Broadway.
- " 3. North of Fourteenth street, east of Fifth avenue, to Harlem river.
- " 4. North of Fourteenth street, west of Fifth avenue, to Fifty-ninth street.
- " 5. North of Fifty-ninth street, west of Fifth avenue, to end of Island.
- " 6. Twenty-third and Twenty-fourth Wards, north of Harlem river.

These districts were further subdivided, not by areas, but by the density of population, i. e., according to the number of tenants living in each house, two or more houses on the same lot, for the purpose of these tabulations, being counted together as one. It was obviously unfair and likely to lead to mistaken conclusions, to class a rear house with a population of 30 persons with single houses on other lots, containing about the same number, and to class a front house on the same lot, containing 70 persons, with other large houses. In such cases the people in both front and rear houses live under much the same conditions, and being on the same city lot, they have been counted together as one house containing 100 persons.

Thus the entire population included in the census, amounting to 1,093,701 persons, has been classified according to locality, and also according to the following degrees of density.

1. Population of houses containing less than 20 tenants.
2. Population of houses containing 20 tenants and less than 40.
3. Population of houses containing 40 tenants and less than 60.
4. Population of houses containing 60 tenants and less than 80.
5. Population of houses containing 80 tenants and less than 100.
6. Population of houses containing 100 tenants and over.

Besides these subdivisions, the houses in each district and in each density class were kept separate, according as deaths occurred in them or not, so that death rates have been obtained for the houses in which the deaths actually occurred, as well as for the general mass of houses.

Further, the deaths were classified by district, density of house population and certain causes, viz.: diarrhoeal diseases, diphtheria, phthisis and pneumonia, these diseases being selected as being perhaps more likely to yield to sanitary measures than any others, and the first three having been shown in a previous report to be the chief causes of the high mortality of New York City as compared with London.

The tables give results for a population of 1,093,701 out of an estimated total population of 1,526,881, for 24,842 deaths in a total of 40,175, for 2,514 deaths from diarrhoeal diseases out of a

total of 3,489; 1,379 from diphtheria out of 1,914; 3,245 from phthisis out of 5,260, and 2,818 from pneumonia out of 4,288.

Table No. 1, is the basis of all the others, and shows the distribution of population by districts, by density of house population, by age, and by houses in which deaths took place; also the deaths according to districts, age and certain causes.

Table No. 2 shows the same relations by rates per 1,000 living.

These Tables furnish some very curious, interesting and altogether unexpected results. It will be seen on inspection of them that

1. The highest general death-rate (26.60) is in the Second District, south of Fourteenth street and west of Broadway. The next highest (23.52) is the Fourth District, west of Fifth avenue, between Fourteenth and Fifty-ninth streets, and the third in the list (22.55) is the First District, east of Broadway and south of Fourteenth street, the most densely populated part of the city, and containing almost exclusively a tenement-house population. The general tenement death-rate was 22.71 (See Table 5).

The general death rate of the city in 1888, on the estimated population, was 26.33, and the fact that the highest death rate in this list is only 26.60, all the others being much lower, and the general rate being only 22.71, would at first seem to indicate that the population of the city has been underestimated and the quoted death-rate is too high, or that all the deaths belonging in tenement houses had not been credited to them, or else that the death-rate is actually lower for the tenement-house population than for the rest of the city.

Let us try to decide these points. The population of the city in the middle of 1888, was estimated to be 1,526,081. This number is obtained by simple calculation upon the supposition that the rate of annual increase has been the same since 1880 that it was between the census of 1875 and that of 1880. The total percentage of increase between those years being obtained, the fifth root of the number gives the annual rate. The following is an indication of its approximate correctness. Trow's City Directory estimates the population by multiplying the number of names in the book by five, and in this way gives New York in 1888, a population of 1,676,140 (335,228 x 5). Now, Trow in 1875 had 233,971 names, and estimated the population at 1,169,855 (5 to a name), while the census taken that year gave the number 1,041,886, or 4.45 to a name. In 1880, Trow contained 273,716 names, and gave the population as 1,368,580 (5 to a name). The census found 1,206,299, or 4.40 to a name, almost the same proportion as in 1875. Using the larger of these rates (4.45) and multiplying the names in the directory for 1888 by it we get 1,491,764 as the present population, indicating that the estimate of the Health Department is too large rather than too small, and that the general death-rate is rather too low than too high.

It might be that deaths that should have been credited to these tenement-houses have not been. Let us examine this point. The total number of deaths in institutions was 7,774; of this number the place of residence was ascertained in 3,444 instances, and these deaths have all been credited to the houses in which they lived before admission to the institution in which they died, leaving 4,330 not redistributed. It is evident that these remaining deaths ought not to be credited solely to the tenement-houses, for many patients in the hospitals come from out of town, many from boarding-houses and private dwellings, many are immigrants just arrived, and many are old people in homes and almshouses, or infants in foundling and lying-in asylums, who have never had any other home, or not for years. Of such deaths are the 16 at Castle Garden, 157 in the State Immigrant Hospital on Ward's Island, most of the 397 in Lunatic Asylums, 472 in the Foundling Asylum, 435 in Infant Asylums (all born there), 336 in the Almshouse, etc., etc. Let us suppose, however, that all these deaths were redistributed to the houses included in this analysis. Then the total deaths would be reckoned at 29,172 (24,842 known to belong to this mass of population, and 4,330 assumed to).

The number of inmates of all the institutions in the city cannot, with our present means, be accurately ascertained, and the total that will be used in this report is considerably less than the actual total. The number of persons remaining in the institutions (within the city limits) under the charge of the Commissioners of Charities on December 31, 1888, was 12,600, and the number remaining in other institutions about December 31, 1887, so far as given in the "Medical Register," was 10,947,* making a total of 23,556. If all the deaths in institutions are credited to the tenements, of course all the population of them should be also. This would make a total tenement-house population of 1,117,257 (1,093,701-23,556), which, with 29,172 deaths, would give a death-rate for the year of 26.11 per 1,000 living as against a general death-rate for the city of 26.33. It is a fair conclusion, therefore, that the death-rate of the tenement-house population is lower than that of the remaining population of the city, the difference undoubtedly being much more in favor of the tenements than is indicated by the above numbers.

2. In all the districts, the death-rate of persons 5 years of age and over, as a rule, decreases as the number of tenants increases, while the death-rate of children under 5 years of age increases up to a certain point, but when there are more than 80 tenants to a house, the infant death-rate diminishes, the larger the number. Those two facts are made more evident in Table III. where the total population is given according to house density.

It will be noticed that the general death-rate is highest in houses containing from 60 to 80 tenants, and that this is caused by the higher death-rate among children, which reaches in these houses 114.04 per 1,000 living.

The progressive decrease of the death-rate among persons 5 years old and upwards may be accounted for in three ways, viz.: That the houses are occupied by the poorer people and a larger proportion of the sick go to the hospitals, or that the larger and more crowded houses contain a larger proportion of the age when the death-rate is lowest, i.e., from 5 to 50, or that the tenants of the larger houses actually live under better sanitary conditions than those of the smaller ones.

As to the first point the following is to be said: If the death-rate in all the larger houses were the same as in houses containing less than 20 tenants each (16.25), there would have been 3,263 additional deaths of persons of those ages (950,458 x 16.25 = 15,445 - 12,182 = 3,263).

Now, of the 4,330 deaths in institutions that were not redistributed, 16 died in Castle Garden, 157 in Ward's Island Immigrant Hospital, and 2 at Quarantine, leaving only 4,155 who might have come from tenements. Of these there were 273 in the Infants' Hospital, 472 in the Foundling Asylum, 138 in the Nursery and Child's Hospital, and 17 in the N. Y. Infant Asylum, a total of 900, all of whom were presumably under 5 years of age, leaving only 3,255 deaths of persons over that age which might be charged to tenements. This shows at least that an increased death-rate of persons of those ages in the larger houses could not possibly have occurred. The difference in numbers (3,255 and 3,263) would be much greater if we were able to eliminate entirely from the former number all who were under 5 years of age.

The second point (the effect of a larger proportion of people of the healthy ages) cannot be determined with our present means of information. It is probable that it has great influence in diminishing the death-rate in the larger houses. But making all due allowance for this, the difference in rates is so great as to almost compel the conviction that the tenants of the larger houses live under better sanitary conditions than those of the smaller, with the single exception of greater density of population. This undoubtedly tends to increase a death-rate which would otherwise be comparatively low.

If instead of comparing the deaths with the total population we take only the population of the houses in which deaths actually took place, this difference becomes more accentuated. See Table IV.

Here it will be seen that the gradual decrease of the death-rate from the smaller houses to the larger is just as marked in the general rate and in the children's rate as in that of persons over 5. This might be the result of a greater prevalence of contagious diseases in some of the smaller houses, or of the greater dilution, so to speak, of deaths in the larger houses (e.g., 2 deaths in a house containing 4 families, and 20 persons would give a higher death-rate than 8 deaths in a house of 20 families comprising 100 persons, there being perhaps in the former house 2 families of 10 persons in which there were no deaths, and in the latter 12 families of 60 persons), or it might be that a larger and larger proportion of the sick people went to the hospitals, the larger and more crowded the house in which they lived, or lastly, that there is a more constant and systematic repression of the preventable causes of disease among the tenants of the larger houses, leaving them to struggle mainly with the evils of greater crowding and deeper poverty.

The first explanation does not meet the case, for it will be seen that the death-rate from diarrhoeal diseases, phthisis and pneumonia show fully as great a decrease as that from diphtheria, as we go from the smaller houses to the larger.

The second and third explanations probably account for a part of the difference, but not all, for let us leave out of the account the houses containing less than 40 tenants, assuming that none of them died outside of their houses, and that the death-rate given in the table is accordingly the true one for them and the highest possible. Then let us credit all the undistributed deaths in institutions to houses containing more than 40 tenants. We shall thus be making the comparison under the worst possible aspect for the larger houses. The population of houses, in which deaths occurred, containing 40 tenants and upwards, was 479,565; the population of the institutions (on a small estimate as above shown) was 23,556, making a total for the large houses of 503,121, including those who are assumed to have gone from them to the hospitals. The total number of deaths actually known to have occurred in these houses was 15,313, which, with the 4,330 undistributed deaths in institutions makes the total deaths 19,643. This gives us a death-rate for the larger houses, under the most unfavorable assumption possible, of 39.04 per 1,000 living, as against rates (which cannot be less and may be higher) of 49.96 for houses containing between 20 and 40 tenants, and 86.91 for those containing less than 20.

The fallacy due to dilution in the larger houses it is not easy to eliminate, but that cause for a difference in the death-rates is certainly offset in a considerable degree by the greater opportunity

for diseases to spread in the larger houses, and the greater number of persons that are exposed to any case of contagious disease and to any local unsanitary condition.

It is evident then that the decrease in the death-rate, as we go from smaller houses to larger, is not due to greater dilution of the deaths in the larger houses, nor to the fact that a larger proportion of tenants in the larger houses die in the hospitals, and we are again brought face to face with the conviction that the causes of disease preventable by official sanitary supervision exist to a less extent in the larger tenements than in the smaller ones containing only three or four families, so much so as to counterbalance in great degree the known unhealthfulness of the greater density of population.

3d. As regards the relative prevalence of certain diseases it will be noticed that the death-rate from diarrhoeal diseases is greatest in the Third District (2.52), that from diphtheria in the Fourth (1.56), that from phthisis in the Second (3.92), and that from pneumonia in the First (2.92), while the Fifth and Sixth, as might have been expected, show the lowest rates in all these diseases, as well as the lowest general death-rate. With reference to house-density of population, it will be seen that the death-rates from diarrhoeal diseases and diphtheria increase and decrease with the increase and decrease of the death-rate under 5, increasing in houses containing less than 80 tenants and then decreasing, showing that the mortality of children under 5 is intimately connected with those causes of death. The death-rate from phthisis shows a decided tendency to decrease in the larger houses, while pneumonia varies less than any other one of the diseases under consideration, but, if anything, appears to increase in the larger houses.

If, as in Table IV., the death-rates from the different diseases are calculated on the population of the houses in which the deaths actually occurred, instead of on the total population, a very general decrease is shown in passing from the smaller to the larger houses.

The results of this preliminary analysis may be summed up as follows:

1. The death-rate in tenement-houses is less than the general death-rate of the city.
2. The death-rate in the large tenement-houses is less than in the smaller ones.
3. That, while diarrhoeal diseases and diphtheria show a greater death-rate in the larger houses (leaving out the suburban districts, the 5th and 6th, where the conditions are very different) phthisis and pneumonia show comparatively little difference, that difference, however, being in favor of the larger houses.

4. The greatest general death-rate, the greatest death-rate among persons over five years of age, the next to the highest death-rate from diarrhoeal diseases and pneumonia, and markedly the highest from phthisis are in the district south of Fourteenth street and west of Broadway. The excessive mortality in this part of the city is probably connected with the great number of old houses and the dampness of the soil.

These results are so much at variance with what was expected that this preliminary report has been made much longer than it would otherwise have been, by an attempt to eliminate fallacies. It has not been possible to get rid of them all, as has been shown in the course of the report, but it seems to be sufficiently established that people do not live under such extremely bad sanitary conditions in the tenements as they have been supposed to. It is gratifying to be able to believe that the untiring efforts of the Board of Health, extending now over a period of twenty-three years, have not been altogether in vain, for it should be borne in mind that most of its work has had reference to the tenants of these houses.* People in the smaller houses, the front door of which is kept locked, look with disfavor upon an unsolicited visit from a Sanitary Inspector, and practically nothing has been done to improve their sanitary condition, excepting when a special complaint or request for inspection has been made. Do we see in these figures the result? Can it be that the sanitary surroundings of the poor are, in the main, better than those of the well-to-do? It is worthy of notice, perhaps, that while the so-called better classes and their children spend much of their lives indoors, with carpeted rooms and papered walls to catch and propagate micro-organisms, the poorer classes are most of the time, excepting when asleep, either actually or virtually out of doors, their walls are bare, and their floors washed frequently. It would be interesting to examine the atmosphere, chemically and bacteriologically, in which these classes of our population respectively live.

The materials which have been used in the preparation of this report will render it possible to prepare subsequent reports, as other duties may allow, in order to determine 1. The exact part of the different districts in which the greatest mortality occurs, and the cause of such excessive mortality. 2. The comparative death-rate in old tenements and in those that have been built since the new laws on plumbing and ventilation went into effect. 3. The comparative death-rate on lots where there are both front and rear houses, and those containing single houses. 4. A comparison of death-rates according to nationality and race.

It is hoped that the census of 1890 may furnish the information, which is now lacking, regarding the age distribution of the occupants of houses of different grades, and it would add much to the value of the vital statistics if the officials in the various institutions would take especial pains to ascertain from each inmate the residence before admission.

In closing, a rough comparison of death-rates in 1888 with those of 1869 may not be out of place, the latter being the only previous year in which a census of the tenement-house population was taken.

YEAR.	TOTAL POPULATION.	TOTAL DEATHS.	TENEMENT POPULATION.	TENEMENT DEATHS.	GENERAL DEATH-RATE.	TENEMENT DEATH-RATE.
1869.....	894,419	25,167	468,492	13,285	28.13	28.35
1888.....	1,526,081	40,175	1,093,701	24,842	26.33	22.71

Deaths in institutions are excluded from both estimates. This great decrease in the tenement death-rate from 1869 to 1888 cannot be due to the different classification of such houses (4 families and over in 1869, and 3 and over in 1888), because, if we exclude from the estimate for 1888 the deaths and population of houses containing less than 20 tenants, we get a population of 971,886 and 21,989 deaths, giving a death-rate of 22.62. Nor can it be due to a greater percentage of the tenement population dying in institutions, for the percentage of deaths in institutions in 1869 was 16.14 on the total number of deaths and taking the excess over this percentage in 1888, viz., 1,260, and adding it to the deaths in tenement-houses, we still have a death-rate of only 23.92.

Respectfully submitted,

ROGER S. TRACY, M. D., Register.

For the purpose of facilitating comparisons suggested in this report some additional tables have been prepared:

Table V. Showing the death-rates by districts.

Table VI. Showing death-rates according to districts and house-density of population.

Table VII. Showing percentage of population in districts and according to house-density.

It is noticeable that over one-third of the tenement-house population lives in the First District; that nearly one-fifth of the population of this district lives in houses containing 100 or more tenants, and that it contains over three-fourths of the total number living in such houses; also, that the greatest percentage of the population, in every district except the First, lives in houses containing between 20 and 40 tenants.

Table VIII. Showing the percentage of each element of the population by ages, by districts, and according to house-density.

TABLE I.

Population and Deaths by District, House Density, Age, and Certain Diseases.

DISTRICT.	NO OF TENANTS IN HOUSE.	TOTAL POPULATION.	POPULATION BY AGES.		POPULATION OF HOUSES WHERE DEATHS OCCURRED.		DEATHS.		Diarrhoea.	Diphtheria.	Phthisis.	Pneumonia.
			Five & Over.	Under Five.	Five & Over.	Under Five.	Five & Over.	Under Five.				
1	Less than 20.....	32,602	28,232	4,370	7,450	1,281	515	252	60	27	127	101
	20 and less than 40.	75,040	64,640	10,400	29,651	4,834	947	773	166	71	230	215
	40 " 60.	79,995	68,967	11,028	42,913	6,972	964	922	193	75	253	212
	60 " 80.	69,492	60,954	8,538	44,961	5,751	700	884	181	86	194	218
	80 " 100.	59,486	50,527	8,959	40,783	7,312	507	752	125	80	124	174
	100 and over.....	69,442	58,802	10,640	49,155	8,918	541	908	140	79	159	208
	Total.....	386,057	332,122	53,935	215,413	35,068	4,174	4,531	865	418	1,087	1,128

* There are 32 institutions, returning 381 deaths, the population of which could not be ascertained, and is therefore not included in this calculation, although the deaths are.

* e.g., the improvements in drainage and ventilation, the enforcement of cleanliness, the abolition of privy-vaults, the filling and cementing of cellars, the destruction of unwholesome food, the summer medical visitation, the care of contagious diseases, etc.

DISTRICT.	NO. OF TENANTS IN HOUSES.	TOTAL POPULATION.	POPULATION BY AGES.		POPULATION OF HOUSES WHERE DEATHS OCCURRED.		DEATHS.		Diarrhoea.	Diphtheria.	Phthisis.	Pneumonia.
			Five & Over.	Under Five.	Five & Over.	Under Five.	Five & Over.	Under Five.				
2	Less than 20.....	14,923	12,639	2,284	3,766	772	246	163	45	6	71	39
	20 and less than 40.....	27,043	22,771	4,272	10,600	2,063	364	320	51	44	102	78
	40 " 60.....	16,870	14,466	2,404	9,708	1,637	236	270	47	33	74	51
	60 " 80.....	12,813	10,915	1,898	8,242	1,480	150	179	34	18	52	35
	80 " 100.....	9,633	8,217	1,416	6,428	1,185	113	127	18	10	28	26
	100 and over.....	4,366	3,538	828	3,396	819	49	61	10	4	9	14
	Total.....	85,648	72,546	13,102	42,140	8,016	1,158	1,120	205	115	336	243
3	Less than 20.....	35,134	30,886	4,248	7,945	1,699	475	298	72	38	111	75
	20 and less than 40.....	124,414	107,781	16,633	45,990	7,068	1,322	1,278	188	159	330	275
	40 " 60.....	97,198	84,125	13,073	50,790	8,070	1,073	1,166	248	116	310	239
	60 " 80.....	65,774	57,693	8,081	43,348	6,005	643	949	191	116	185	188
	80 " 100.....	23,467	19,530	3,937	15,974	3,009	184	292	80	27	57	53
	100 and over.....	7,507	6,253	1,254	4,914	985	62	72	14	15	16	15
	Total.....	353,494	306,268	47,226	168,961	26,236	3,759	4,055	893	471	1,009	845
4	Less than 20.....	29,789	26,828	2,961	7,333	827	424	304	58	61	110	74
	20 and less than 40.....	56,760	50,574	6,186	23,290	2,892	757	560	109	68	188	15
	40 " 60.....	50,723	50,859	5,864	31,006	3,695	678	624	112	95	184	126
	60 " 80.....	41,469	37,148	4,321	28,346	3,306	489	562	100	67	138	83
	80 " 100.....	21,993	19,673	2,320	15,927	1,892	224	274	52	37	51	37
	100 and over.....	6,931	5,058	873	4,974	712	66	63	12	5	19	17
	Total.....	213,665	191,140	22,525	111,776	13,324	2,638	2,387	443	333	690	493
5	Less than 20.....	2,318	1,965	353	509	93	30	16	2	3	9	3
	20 and less than 40.....	13,450	11,755	1,695	4,040	612	99	114	19	7	21	16
	40 " 60.....	12,865	11,515	1,350	7,523	907	111	174	32	9	35	34
	60 " 80.....	7,496	6,793	703	5,013	528	76	116	20	12	20	28
	80 " 100.....	771	703	71	463	43	3	7	1	0	1	1
	100 and over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Total.....	36,923	32,731	4,172	17,548	2,183	319	427	74	31	86	82
6	Less than 20.....	7,049	6,183	866	1,070	179	45	45	10	4	11	9
	20 and less than 40.....	8,184	7,148	1,036	2,235	349	70	72	16	7	20	17
	40 " 60.....	1,643	1,417	226	644	98	11	12	3	..	3	1
	60 " 80.....	963	828	135	587	91	8	10	4	..	3	..
	80 " 100.....	95	75	20	75	20	..	1	1	..	..	..
	100 and over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Total.....	17,934	15,651	2,283	4,611	737	134	140	34	11	37	27
	Grand Total.....	1,093,701	950,458	143,243	560,449	85,564	12,182	12,660	2,514	1,379	3,245	2,818

TABLE II.

Death Rates per 1,000 Living Corresponding to Numbers in Table I.

DISTRICT.	NUMBER OF TENANTS IN HOUSES.	GENERAL DEATH RATE.	DEATH RATE.		DEATH RATE IN HOUSES WHERE DEATHS OCCURRED.		Diarrhoea.	Diphtheria.	Phthisis.	Pneumonia.
			Five & Over.	Under Five.	Five & Over.	Under Five.				
1	Less than 20.....	24.75	18.24	65.82	64.78	226.53	1.84	.83	3.90	3.10
	20 and less than 40.....	22.92	14.66	74.32	31.94	159.91	2.21	.95	3.07	2.87
	40 " 60.....	23.57	13.98	83.60	22.46	132.24	2.41	.94	3.16	2.65
	60 " 80.....	22.79	11.48	103.54	15.57	153.70	2.60	1.24	2.79	3.14
	80 " 100.....	21.16	10.02	83.94	12.43	102.84	2.10	1.34	2.08	2.92
	100 and over.....	20.87	9.20	85.34	11.06	101.82	2.02	1.14	2.29	3.00
	Death rate for District 1.....	22.55	12.56	84.03	19.38	129.20	2.24	1.08	2.82	2.92
2	Less than 20.....	27.41	19.46	71.36	65.31	211.14	3.02	.40	4.76	2.61
	20 and less than 40.....	25.29	15.98	74.91	34.34	155.10	1.89	1.63	3.77	2.88
	40 " 60.....	29.99	16.31	112.31	24.31	159.10	2.79	1.96	4.39	3.02
	60 " 80.....	25.68	13.74	94.31	18.20	120.95	2.65	1.40	4.06	2.73
	80 " 100.....	24.91	13.75	89.69	17.58	107.17	1.87	1.04	2.91	2.70
	100 and over.....	25.20	13.85	73.67	14.43	74.48	2.29	.92	2.06	3.21
	Death rate for District 2.....	26.60	15.96	85.43	27.50	139.71	2.39	1.34	3.92	2.84
3	Less than 20.....	22.00	15.38	70.15	59.78	271.18	2.05	1.08	3.16	2.13
	20 and less than 40.....	20.90	12.24	76.84	28.75	180.81	2.31	1.28	2.65	2.21
	40 " 60.....	23.04	12.75	89.20	21.13	144.49	2.55	1.19	3.19	2.46
	60 " 80.....	24.20	11.14	117.43	14.83	158.40	2.90	1.76	2.81	2.86
	80 " 100.....	20.28	9.42	74.17	11.52	97.04	3.41	1.15	2.43	2.26
	100 and over.....	17.85	9.92	57.42	12.62	73.10	1.87	2.00	2.13	2.00
	Death rate for District 3.....	22.10	12.27	85.86	22.25	154.55	2.52	1.33	2.85	2.39

DISTRICT.	NUMBER OF TENANTS IN HOUSES.	GENERAL DEATH RATE.	DEATH RATE.		DEATH RATE IN HOUSES WHERE DEATHS OCCURRED.		Diarrhoea.	Diphtheria.	Phthisis.	Pneumonia.
			Five & Over.	Under Five.	Five & Over.	Under Five.				
4	Less than 20.....	24.44	15.80	102.67	57.82	367.58	1.95	2.05	3.69	2.48
	20 and less than 40.....	23.20	14.97	90.52	32.50	193.62	1.92	1.20	3.31	2.66
	40 " 60.....	22.95	13.33	106.40	21.25	168.87	1.97	1.67	3.24	2.22
	60 " 80.....	25.35	13.16	130.01	17.25	170.00	2.41	1.62	3.33	2.12
	80 " 100.....	22.64	11.39	118.10	14.06	144.81	2.36	1.68	2.32	1.68
	100 and over.....	18.61	10.89	72.16	13.27	88.48	1.73	.72	2.74	2.45
	Death rate for District 4.....	23.52	13.80	105.96	23.60	179.14	2.07	1.56	3.23	2.31
5	Less than 20.....	19.84	15.27	45.33	58.94	172.02	.86	1.29	3.88	1.29
	20 and less than 40.....	15.84	8.42	67.26	24.51	186.30	1.41	.52	1.56	1.19
	40 " 60.....	22.15	9.64	128.89	14.75	191.83	2.49	.70	2.72	2.64
	60 " 80.....	25.61	11.19	165.00	15.16	219.71	2.67	1.60	2.67	3.74
	80 " 100.....	12.92	4.27	98.60	6.48	162.80	1.25	....	1.29	1.29
	100 and over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Death rate for District 5.....	20.21	9.74	102.34	18.18	195.60	2.01	.84	2.33	2.22
6	Less than 20.....	12.77	7.28	51.96	42.06	251.40	1.42	.58	1.56	1.28
	20 and less than 40.....	17.35	9.79	69.50	31.32	206.30	1.96	.86	2.44	2.08
	40 " 60.....	14.00	7.76	53.10	17.08	122.45	1.83	....	1.83	.61
	60 " 80.....	18.69	9.66	74.08	13.63	109.89	4.15	....	3.12	....
	80 " 100.....	10.53	.....	50.00	.....	50.00	1.05	....	....	....
	100 and over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Death rate for District 6.....	15.28	8.56	61.32	29.06	189.95	1.90	.61	2.06	1.51
	Death rate for all districts.....	22.71	12.31	88.38	21.73	147.96	2.30	1.26	2.97	2.58

TABLE III.

Population and Deaths according to House Density, Age and Certain Causes of Death.

HOUSES CLASSIFIED BY NUMBER OF TENANTS.	TOTAL POPULATION.	POPULATION BY AGES.		DEATHS.		Diarrhoea.	Diphtheria.	Phthisis.	Pneumonia.
		Five & Over.	Under Five.	Five & Over.	Under Five.				
Less than 20 to a house.....	121,815	106,733	15,082	1,735	1,118	247	139	439	302
20 and less than 40.....	304,891	264,669	40,222	3,559	3,117	649	356	891	752
40 " 60.....	265,294	231,349	33,945	5,073	3,168	635	328	839	663
60 " 80.....	198,007	174,331	23,676	2,066	2,700	530	299	592	557
80 " 100.....	115,448	98,725	16,723	1,031	1,453	277	154	261	251
100 and over.....	88,246	74,651	13,595	718	1,104	176	103	203	254

TABLE III.—(Continued.)

Death Rate Corresponding to Numbers in Previous Table.

HOUSES CLASSIFIED BY NUMBER OF TENANTS.	GENERAL DEATH RATE.	DEATH RATE.		Diarrhoea.	Diphtheria.	Phthisis.	Pneumonia.
		Five & Over.	Under Five.				
Less than 20 to a house.....	23.42	16.25	74.13	2.03	1.14	3.60	2.47
20 and less than 40.....	21.92	13.45	77.50	2.13	1.17	2.92	2.47
40 " 60.....	23.53	13.28	93.33	2.39	1.24	3.24	2.50
60 " 80.....	24.07	11.85	114.04	2.68	1.51	2.99	2.81
80 " 100.....	21.51	10.44	86.89	2.40	1.33	2.26	2.52
100 and over.....	20.64	9.62	81.21	1.99	1.17	2.30	2.88

TABLE IIIA.

Same Table as No. III, leaving out the Suburban Districts, i. e. Nos. 5 and 6.

HOUSES CLASSIFIED ACCORDING TO NUMBER OF TENANTS.	TOTAL POPULATION.	POPULATION BY AGES.		TOTAL DEATHS.	DEATH RATE.		Diarrhoea.	Diphtheria.	Phthisis.	Pneumonia.
		Five and Over.	Under Five.		Five & Over.	Under Five.				
Less than 20 to a house...	112,448	98,585	13,863	2,717	1,660	1,057	235	132	419	289
20 and less than 40.....	283,257	245,766	37,491	6,321	3,390	2,931	614	342	850	719
40 " 60.....	250,786	218,417	32,369	5,933	2,951	2,982	600	319	821	628
60 " 80.....	189,548	166,710	22,838	4,556	1,982	2,574	506	287	569	529

TABLE IIIA.—(Continued.)
Death Rates Corresponding to Numbers in Previous Table.

HOUSES CLASSIFIED ACCORDING TO NUMBER OF TENANTS.	GENERAL DEATH RATE.	DEATH RATE.		Diarthra.	Diphtheria.	Phthisis.	Pneumonia.
		Five and Over.	Under Five.				
Less than 20 to a house.....	24.16	16.84	76.24	2.09	1.17	3.73	2.57
20 and less than 40.....	22.31	13.79	78.20	2.17	1.21	3.00	2.54
40 " 60.....	23.66	13.51	92.15	2.39	1.27	3.27	2.50
60 " 80.....	24.03	11.89	112.70	2.67	1.51	3.00	2.79
80 " 100.....	20.71	10.49	86.88	2.40	1.34	2.27	2.53
100 and over.....	20.64	9.62	81.21	1.92	1.17	2.30	2.88
Total.....	22.83	13.00	88.40	2.32	1.29	3.01	2.61

TABLE IV.
Population and Deaths according to Age, House Density and Certain Causes in Houses in which Deaths occurred.

HOUSES CLASSED BY NUMBER OF TENANTS.	TOTAL POPULA- TION.	POPULATION.		TOTAL DEATH.	DEATHS.		Diar- rhoea.	Diphtheria.	Phthisis.	Pneumonia.
		Five and Over.	Under Five.		Five and Over.	Under Five.				
Less than 20 to a house....	32,824	28,573	4,251	2,853	1,735	1,118	247	139	439	301
20 and less than 40.....	133,624	115,806	17,818	6,676	3,559	3,117	649	356	891	752
40 " 60.....	164,923	143,484	21,439	6,241	3,073	3,168	635	328	850	663
60 " 80.....	147,658	130,497	17,161	4,765	2,066	2,700	550	299	592	557
80 " 100.....	93,111	79,650	13,461	2,484	1,031	1,453	277	154	261	291
100 and over.....	73,873	62,439	11,434	1,822	718	1,104	176	103	203	254
Total.....	646,013	560,449	85,564	24,842	12,182	12,660	2,514	1,379	3,245	2,818

TABLE IV.—(Continued.)
Death Rates per 1,000 Living, Corresponding to Numbers in Previous Table.

HOUSES CLASSED BY NUMBER OF OCCUPANTS.	GENERAL DEATH RATE.	DEATH RATE.		Diarrhea.	Diphtheria.	Phthisis.	Pneumonia.
		Five and Over.	Under Five.				
Less than 20 to a house.....	86.91	60.72	263.00	7.52	4.23	13.37	9.17
20 and less than 40.....	49.96	30.73	174.93	4.86	2.66	6.67	5.63
40 " 60.....	37.84	21.42	147.78	3.85	1.99	5.21	4.02
60 " 80.....	32.27	15.83	157.32	3.59	2.02	4.01	3.77
80 " 100.....	26.68	12.94	107.94	2.97	1.65	2.80	3.13
100 and over.....	24.66	11.50	96.55	2.38	1.39	2.75	3.44
Total.....	38.46	21.73	147.95	3.89	2.13	5.02	4.36

TABLE V.
Death Rates by Ages and Causes, According to Districts.

No	DISTRICTS.	GEN- ERAL DEATH RATE.	DEATH RATE.					
			Five Years and Over.	Under Five.	Diar- thra.	Diph- theria.	Phthi- sis.	Pneu- monia.
1.	South of Fourteenth street, East of Broadway.	22.55	12.56	84.03	2.24	1.08	2.82	2.92
2.	South of Fourteenth street, West of Broadway.	26.60	15.96	85.48	2.39	1.34	3.92	2.84
3.	East of Fifth avenue, North of Fourteenth street, to Har- lem river.	22.10	12.27	85.86	2.52	1.33	2.85	2.39
4.	West of Fifth avenue, Fourteenth to Fifty-ninth streets.	23.52	13.80	105.96	2.07	1.56	3.23	2.31
5.	West of Fifth avenue, North of Fifty-ninth street.	20.21	9.74	102.34	2.01	.84	2.33	2.22
6.	Above Harlem river, annexed district.	15.28	8.56	61.32	1.90	.61	2.06	1.51
	Death rate on total tenement population.	22.71	12.81	88.38	2.30	1.26	2.97	2.58

TABLE VI.
Death Rate by Ages and House Density, According to Districts.

DISTRICT.	LESS THAN 20 TO A HOUSE.			20 AND LESS THAN 40.			40 AND LESS THAN 60.			60 AND LESS THAN 80.			80 AND LESS THAN 100.			100 AND OVER.		
	Rate.	Five Years and Over.	Under Five.	Rate.	Five Years and Over.	Under Five.	Rate.	Five Years and Over.	Under Five.	Rate.	Five Years and Over.	Under Five.	Rate.	Five Years and Over.	Under Five.	Rate.	Five Years and Over.	Under Five.
1.....	24.75	18.24	66.82	22.92	14.66	74.32	23.57	13.93	83.60	22.79	11.48	103.54	21.16	10.02	83.94	20.87	9.20	85.34
2.....	27.41	19.46	71.36	25.29	15.98	74.91	29.99	16.31	112.31	25.68	13.74	94.31	24.91	13.75	89.69	25.20	13.85	73.67
3.....	22.00	15.38	70.15	20.90	12.24	76.84	23.04	12.73	89.20	24.20	11.14	117.43	20.28	9.42	74.17	17.85	9.92	57.42
4.....	24.44	15.80	102.67	23.20	14.97	90.52	22.95	13.33	108.40	25.35	13.16	130.01	22.64	11.39	118.10	18.61	10.89	72.16
5.....	19.84	15.27	45.33	15.84	8.42	67.26	22.15	9.64	128.89	25.61	11.19	165.00	12.92	4.27	98.60	....	....	....
6.....	12.77	7.28	51.96	17.35	9.79	69.50	14.00	7.76	53.10	18.69	9.66	74.08	10.53	....	50.00	....	....	....
Total..	23.42	16.25	74.13	21.92	13.45	77.50	23.53	13.28	93.33	24.07	11.85	114.04	21.51	10.44	86.89	20.64	9.62	81.21

TABLE No. VII.
Population of Districts, According to House Density.

DISTRICT.	TOTAL.	LESS THAN 20 TO A HOUSE	20 AND LESS THAN 40.	40 AND LESS THAN 60.	60 AND LESS THAN 80.	80 AND LESS THAN 100.	100 AND OVER.
1.....	386,057	32,502	75,040	79,995	69,492	59,486	69,442
2.....	85,648	14,023	27,043	16,870	12,813	9,633	4,366
3.....	353,494	35,134	124,414	97,198	65,774	23,467	7,507
4.....	213,665	29,789	56,760	56,723	41,469	21,993	6,931
5.....	36,903	2,318	13,450	12,865	7,496	774	.....
6.....	17,934	7,049	8,184	1,643	963	95	.....
Total...	1,093,701	121,815	304,891	265,294	198,007	115,448	88,246

TABLE VII.—*Continued.*
Percentage by District Population on Total Population.

DISTRICT.	TOTAL.	LESS THAN 20 TO A HOUSE.	20 AND LESS THAN 40.	40 AND LESS THAN 60.	60 AND LESS THAN 80.	80 AND LESS THAN 100.	100 AND OVER.
1.....	35.30	8.45	19.43	20.72	18.00	15.41	17.99
2.....	7.83	17.42	31.57	19.70	14.96	11.25	5.10
3.....	32.32	9.94	35.20	27.50	18.60	6.64	2.12
4.....	19.54	13.94	26.57	26.55	19.41	10.29	3.24
5.....	3.37	6.28	36.45	34.86	20.31	2.10	....
6.....	1.64	39.30	45.64	9.16	5.37	.53	....
Total.....	100.00	11.41	27.87	24.26	18.10	10.56	8.07

TABLE VIII.
Percentage of Each Element of Population by Ages.

DISTRICT.	LESS THAN 20.		20 AND LESS THAN 40.		40 AND LESS THAN 60.		60 AND LESS THAN 80.		80 AND LESS THAN 100.		100 AND OVER.	
	Five & Over.	Under Five.	Five & Over.	Under Five.	Five & Over.	Under Five.	Five & Over.	Under Five.	Five & Over.	Under Five.	Five & Over.	Under Five.
1.....	85.60	13.40	86.14	13.86	86.22	13.78	87.71	12.29	84.94	15.06	84.68	15.32
2.....	84.70	15.30	84.20	15.80	85.75	14.25	85.19	14.81	85.30	14.70	81.03	18.97
3.....	87.91	12.09	86.63	13.37	86.55	13.45	87.71	12.29	83.22	16.78	83.30	16.70
4.....	90.06	9.94	89.10	10.90	89.66	10.34	89.58	10.42	89.45	10.55	87.40	12.60
5.....	84.77	15.23	87.40	12.60	89.51	10.49	90.62	9.38	90.83	9.17	....	....
6.....	87.72	12.28	87.34	12.66	86.25	13.75	85.98	14.02	78.95	21.05	....	....
Total.....	87.62	12.38	86.81	13.19	87.21	12.79	88.04	11.96	85.52	14.48	84.60	15.40

TABLE VIII. (Continued.)

PERCENTAGE ON TOTAL TENEMENT POPULATION.	DISTRICTS.					
	1.	2.	3.	4.	5.	6.
Five years old and over.	86.13	84.70	86.64	89.46	88.70	87.27
Under five years.....	13.97	15.30	13.36	10.54	11.30	12.73

LAW DEPARTMENT.

Statement and Return of Moneys received by WILLIAM A. BOYD, Corporation Attorney, for the month of June, 1889, rendered to the Comptroller, in pursuance of the provisions of Section 26, Article 1, Chapter V. of the Revised Ordinances of 1866; and of Sections 38 and 96 of Chapter 335 of the Laws of 1873.

DATE.	WHAT FOR.	JUDGMENTS.	PENALTIES.	COSTS.	TOTAL AMOUNT.
1889.					
June 1..	In the matter of the Commissioners of Public Charities and Correction vs. Daniel X. Cleary .....	.....	\$250 00	.....	\$250 00
" 3..	Violation Corporation Ordinances .....	.....	10 00	\$4 63	14 63
" 4..	In the matter of the Commissioners of Public Charities and Correction vs. Michael K. Burke and Henry Hughes .....	.....	10 00	.....	10 00
" 6..	Violation Corporation Ordinances .....	.....	5 00	2 13	7 13
" 7..	" .....	.....	20 00	10 00	30 00
" 10..	" .....	.....	10 00	6 76	16 76
" 12..	" .....	.....	25 00	10 65	35 65
" 12..	In the matter of the Commissioners of Public Charities and Correction vs. Donald Downey .....	.....	5 00	.....	5 00
" 17..	Violation Corporation Ordinances .....	.....	5 00	2 50	7 50
" 18..	" .....	.....	15 00	7 50	22 50
" 19..	" .....	.....	20 00	9 26	29 26
" 21..	" .....	.....	5 00	2 50	7 50
" 24..	In the matter of the Commissioners of Public Charities and Correction vs. Michael K. Burke and Henry Hughes .....	.....	15 00	.....	15 00
" 25..	Violation Corporation Ordinances .....	.....	7 50	4 63	12 13
" 26..	" .....	.....	5 00	2 13	7 13
" 27..	" .....	.....	10 00	4 26	14 26
" 28..	" .....	.....	10 00	4 63	14 63
" 29..	"	\$19 63	.....	.....	19 63
Total amount collected					\$518 71
Amount paid over to William Blake, Superintendent of Out-door Poor, in the case of The People ex rel. the Commissioners of Public Charities and Correction vs. Daniel X. Cleary					\$250 00
Amount paid over to William Blake, Superintendent of Out-door Poor, in the case of The People ex rel. the Commissioners of Public Charities and Correction vs. Michael K. Burke and Henry Hughes					10 00
Amount paid over to William Blake, Superintendent of Out-door Poor, in the case of The People ex rel. the Commissioners of Public Charities and Correction vs. Donald Downey					5 00
Amount paid over to William Blake, Superintendent of Out-door Poor, in the case of The People ex rel. the Commissioners of Public Charities and Correction vs. Michael K. Burke and Henry Hughes					15 00
Disbursements					53 00
					333 00
Balance due the City					\$185 71

WILLIAM A. BOYD,
Corporation Attorney.

FINANCE DEPARTMENT.

Abstract of the transactions of the Bureau of the City Chamberlain for the week ending June 15, 1889.

OFFICE OF THE CITY CHAMBERLAIN,
NEW YORK, June 21, 1889. }

Hon. HUGH J. GRANT, Mayor :

SIR—In pursuance of section 165 of the Consolidation Act of 1882, I have the honor to present herewith a report to June 15, 1889, of all moneys received by me and the amount of all warrants paid by me since June 8, 1889, and the amount remaining to the credit of the City on June 15, 1889.

Very respectfully,

Very respectfully,

RICHARD CROKER, Chamberlain.

DR. THE MAYOR, ALDERMEN AND COMMONALTY OF THE CITY OF NEW YORK, *in account with* RICHARD CROKER, *Chamberlain, during the week ending June 15, 1889.* CR.

1880. June 15	To Additional Water Fund.....		\$63,194 77	1889. June 8	By Balance.....		\$1,233,047 09
	American Society for the Prevention of Cruelty to Animals.....	\$78 00		" 15	Arrears of Taxes.....	\$135,798 25	
	Armory Fund.....	22,745 15			Interest on Taxes.....	27,468 51	
	Central Park, Construction of—Approaches to Museum of Art.....	226 60			Fund for Street and Park Openings.....	1,291 07	
	Central Park, Construction of—Permanent Landscape.....	140 08			Street Improvement Fund—June 15, 1886.....	29,626 85	
	Commissioners of Excise Fund.....	49 49			Harlem River Improvement Fund.....	2 57	
	For Construction of Bridge over Harlem River.....	129 40			Interest on Assessments.....	4,821 95	
	Croton Water Fund.....	388 20			Charges on Arrears of Taxes.....	543 50	
	Croton Water Rent—Refunding Account.....	25 10			Charges on Arrears of Assessments.....	102 50	
	Dock Fund.....	15,903 68			Water Meter Fund No. 2.....	121 45	
	Fund for Local Improvements.....	3 03			Licenses.....	638 50	
	Fund for Street and Park Openings.....	2,917 36			Engelhard.....	198 00	
	Intestate Estates.....	15,016 68			Chambers.....	222 00	
	Local Improvement Fund.....	216 00			Department of Public Works.....	180 76	
	Metropolitan Museum of Art.....	108 00			Department of Public Parks.....	685 00	
	Morningside Park, Improvement of.....	3,394 76			Sheehan.....	32 00	
	Refunding Taxes Paid in Error.....	360 23			Slevin.....	55 00	
	Restoring and Repaving—Department of Public Parks.....	29 43			Matthews.....	11,782 62	
	Restoring and Repaving—Department of Public Works.....	85 00			Comptroller.....	10 00	
	Riverside Park, Construction of.....	147 40			Britton.....	14 40	
	School-house Fund.....	14,507 16			Towle.....	139 80	
	Street Improvement Fund—June 15, 1886.....	41,734 85			Equitable Gas-light Co.....	119 72	
	Unclaimed Salaries and Wages.....	125 00			Daly.....	119 05	
	New Park Fund.....		119,274 60		Gilroy.....	1 00	
	Advertising.....	1889 \$391 10	147,032 13		Burns.....	526 93	
	Allowance to New York Free Circulating Library.....	1,656 66			Coleman.....	693 94	
	Armories and Drill Rooms—Wages.....	248 00			H. R. Fonda.....	973 60	
	Aqueduct—Repairs, Maintenance and Strengthening.....	11,287 65				500,000 00	
	Boulevards, Roads and Avenues, Maintenance of.....	4,821 24					
	Bronx River Bridges—Repairs and Maintenance.....	18 78					
	Burial of Honorably Discharged Soldiers, Sailors and Marines.....	210 00					
	Children's Aid Society.....	23,333 33					
	Cleaning Streets—Department of Street Cleaning—Administration.....	816 71					
	Cleaning Streets—Department of Street Cleaning—Carting.....	7,271 91					
	Cleaning Streets—Department of Street Cleaning—Final Disposition of Material.....	7,493 36					
	Cleaning Streets—Department of Street Cleaning—New Stock.....	42 25					
	Cleaning Streets—Department of Street Cleaning—Rents and Contingencies.....	68 27					
	Cleaning Streets—Department of Street Cleaning—Sweeping.....	8,628 02					
	College of the City of New York.....	205 15					
	Contingencies—Comptroller's Office.....	111 91					
	Contingencies—Department of Public Works.....	100 00					
	Contingencies—District Attorney's Office.....	158 15					
	Contingencies—Law Department.....	931 93					
	Construction of Station-house, etc., Thirtieth Precinct.....	1838 17,828 42					
	Coroners—Salaries and Expenses.....	1889 998 64					
	Cromwell's Creek Bridges, etc.....	18 24					
	Disbursements and Fees of County Officers and Witnesses, exclusive of Sheriff's Fees.....	50 00					
	Election Expenses.....	4 50					
	Fire Department Fund.....	4,913 69					
	Foundling Asylum.....	21,591 11					
	Free Floating Baths.....	40 00					
	Harlem River Bridges—Repairs, Improvements and Maintenance.....	1888 6 00					
	Harlem River Bridges—Repairs, Improvements and Maintenance.....	1889 1,261 81					
	Health Fund—Contingent Expenses.....	16 25					
	Hospital Fund.....	373 03					
	Interest on the City Debt—Before January 1, 1889.....	1,190 00					
	Judgments.....	1,851 75					
	Lamps and Gas and Electric Lighting.....	45,461 59					
	Laying Croton Pipes.....	68 40					
	Maintenance and Government of Parks and Places—General Maintenance.....	1888 1,561 00					
	Maintenance and Government of Parks and Places—General Maintenance.....	1889 12,702 19					
	Maintenance and Government of Parks and Places—Seventy-second Street.....	250 29					
	Maintenance and Government of Parks and Places—Police Square.....	172 83					
	Maintenance and Government of Parks and Places—Tompkins Square.....	599 39					
	Maintenance—Twenty-third and Twenty-fourth Wards.....	3,425 97					
	Maintenance and Government of Parks and Places—Zoological Department.....	531 78					
	New Parks North of Harlem River—Care and Maintenance.....	918 39					
	Normal College.....	110 00					
	Printing, Stationery and Blank Books.....	61 75					
	Prosecuting Delinquents for Arrears of Personal Taxes.....	42 00					
	Public Charities and Correction—New Buildings.....	1888 923 56					
	Public Charities and Correction—Supplies.....	90 00					
	Public Charities and Correction—Alterations, etc.....	512 79					
	Public Charities and Correction—New Buildings.....	1889 222 25					
	Public Charities and Correction—Distribution of Coal.....	86 63					
	Public Charities and Correction—Supplies.....	18,174 39					
	Public Charities and Correction—Salaries.....	2,496 20					
	Public Charities and Correction—Transportation of Paupers, etc.....	297 83					
	Public Instruction—Buildings Contingent Fund.....	1888 173 95					
	Public Instruction—Building, Twenty-second Ward.....	12,121 50					
	Public Instruction—Incidental Expenses of Ward Schools.....	7 42					
	Public Instruction—Pianos.....	75 00					
	Public Instruction—Repairs to Buildings.....	50 00					
	Public Instruction—Support of Nautical School.....	11 06					
	Public Instruction—Salaries of Teachers, Grammar and Primary Schools.....	287 83					
	Public Instruction—Buildings Contingent Fund.....	1889 493 52					
	Public Instruction—Corporate Schools.....	690 57					
	Public Instruction—Furniture.....	112 50					
	Public Instruction—Fuel.....	160 00					
	Public Instruction—Gas.....	1,701 62					
	Public Instruction—Incidental Expenses of Board of Education.....	762 50					
	Public Instruction—Incidental Expenses of Ward Schools.....	592 59					
	Public Instruction—Rents.....	1,575 00					
	Public Instruction—Supplies.....	169 37					
	Public Instruction—Support of Nautical School.....	560 33					
	Public Instruction—Salaries of Janitors, Grammar and Primary Schools.....	10,790 10					
	Public Instruction—Salaries of Teachers, Grammar and Primary Schools.....	240,778 80					
	Public Instruction—Technical Education.....	939 55					
	Public Buildings—Construction and Repairs.....	1,753 46					
	Removing Obstructions in Streets and Avenues.....	1,274 00					
	Riverside Park and Avenue.....	1,306 93					
	Repairs and Renewal of Pavements and Regrading.....	1888 818 20					
	Repairs and Renewal of Pavements and Regrading.....	1889 1,347 67					
	Repairing and Renewal of Pipes, Stop-cocks, etc.....	7,384 60					
	Removal of Night-soil, etc.....	3,000 00					
	Repaving Streets and Avenues.....	1888 3,099 67					
	Roads, Streets and Avenues—Unpaved—Maintenance of and Sprinkling.....	1889 993 25					
	Sewers—Repairing and Cleaning.....	1,680 16					
	Sewers and Drains—Twenty-third and Twenty-fourth Wards.....	293 95					
	Supplies for and Cleaning Public Offices.....	1888 3 87					
	Surveying, Laying-out, etc., Twenty-third and Twenty-fourth Wards.....	1889 42 24					
	Surveys, Maps and Plans.....	231 60					
	Support of Prisoners in County Jail.....	754 73					
	Sprinkling—Twenty-third and Twenty-fourth Wards.....	71 85					
	Salaries—Commissioners of Accounts.....	91 35					
	Salaries—Inspectors and Sealers of Weights and Measures.....	100 00					
	Wells and Pumps—Repairing and Cleaning.....	63 47					
	Balance.....		503,739 18				
			1,115,975 58				
			\$1,949,216 05				

716,168 97	\$1,949,216 05
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E. & O. E.
NEW YORK, June 15, 1889.

June 15, By Balance..... \$1,115,975 38

RICHARD CROKER, Chamberlain.

THE COMMISSIONERS OF THE SINKING FUNDS OF THE CITY OF NEW YORK, in account with RICHARD CROKER, Chamberlain, for and during the week ending June 15, 1889.

			SINKING FUND FOR THE REDEMPTION OF THE CITY DEBT.		SINKING FUND FOR THE PAYMENT OF INTEREST ON THE CITY DEBT.	
			Dr.	Cr.	Dr.	Cr.
1889.						
June 8	By Balance, as per last account current.....	Cady.....		\$2,832,986 11		\$738,136 09
" 15	Assessment Fund.....	".....	\$316 33			
	Street Improvement Fund.....	Daly.....	2,639 42			
	Market Rent and Fees.....	".....	5,035 73			
	Market Cellar Rent.....	Gilroy.....	41 07			
	Street Vaults.....	Engelhard.....	1,773 02			
	Licenses.....	Matthews.....	1,038 50			
	Dock and Slip Rent.....	Bank of America.....	1,483 00			
	Interest on Deposits.....	Holland Trust Company.....	325 15			
	".....	Fifth National Bank.....	84 94			
	".....	St. Nicholas Bank.....	77 50			
	".....	".....	152 88			
	Croton Water Rent and Penalties.....	Chambers.....	\$58,895 61	13,880 04		
	Croton Water Arrears and Interest.....	Cady.....	5,321 27			
	Fines.....	Britton.....	24 00			
	Ferry Rent.....	Daly.....	3,650 00			
	Ground Rent.....	".....	30 00			
	House Rent.....	".....	1,020 00			
	Interest on Bond and Mortgage.....	".....	554 40			
	Water Lot Rent.....	".....	371 24			
	Balances.....					69,866 52
			\$2,846,866 15		\$808,002 61	
			\$2,846,866 15	\$2,846,866 15	\$808,002 61	\$808,002 61
June 15, 1889.	By Balances.....			\$2,846,866 15		\$808,002 61
	E. & O. E.					
	NEW YORK, June 15, 1889.					

RICHARD CROKER, Chamberlain.

POLICE DEPARTMENT.

The Board of Police met on the 25th day of June, 1889.
Present—Commissioners McClave, Voorhis, MacLean and Martin.
Resolved, That Commissioner MacLean be selected as Chairman of this meeting.

Leave of Absence Granted.

Captain John McElwain, Twenty-third Sub-Precinct, ten days, half pay.

Reports Referred to the Superintendent to Prefer Charges against the Officers Named.

Captain Reilly, Nineteenth Precinct, relative to the arrest of Mabel Lafaire by Patrolman Thomas F. Dolan.

Patrolman Thomas O'Brien, Tenth Precinct, relative to arrest of Jeremiah Cole.
Report of Van Tassel & Kearney enclosing \$43.50, proceeds of sale of horse "Tom," Thirty-fourth Precinct, was referred to the Treasurer to pay into the Pension Fund.

Report of Commissioner Voorhis on complaint of Messrs. List & Lennon relative to front fence of Twenty-fifth Precinct station-house, was ordered on file, and copy to be forwarded to the parties named.

Report of Superintendent Crowley on communication from the Western Union Telegraph Company relative to Police wires on poles of said Company, was referred to the Board of Electrical Control with request that a route be designated for Police wires for temporary use.

Applications Referred to the Superintendent for Report.

Roundsman Edward S. Walling, Twenty-third Precinct—For Civil Service examination.
I. & S. Bernheimer—For appointment of George F. Russ as Special Patrolman.
John E. Hoffman—For appointment of Isaac A. Shield as Special Patrolman.
John H. Rodgers—For appointment of William H. Coyne.
Application of Patrolman Edward Gleason, Seventh Precinct, for transfer, was denied.
Weekly financial statement of the Comptroller was referred to the Treasurer.
Communication from the Counsel to the Corporation, relative to date of service of writs of certiorari, was referred to the Chief Clerk.
Communication from the Board of Electrical Control, asking report of all arrests for violation of subway acts and acts relative to electrical conductors, was referred to the superintendent for compliance.

Details Ordered.

Roundsman William B. Porter, Twenty-second Precinct, Acting Sergeant during vacations.
Patrolman Thomas Bennett, Twenty-third Precinct, Doorman, during vacations.

Resignations Accepted.

Patrolman Denis O'Brien, Fourth Precinct.
" Frederick D. Robbins, Thirty-third Precinct.

Advanced to First Grade.

Patrolman Michael J. Nelterville, Twenty-ninth Precinct, June 25, 1889.

Resolved, That the Committee of Surgeons be directed to examine the following applicants for appointment as Patrolmen:
John E. O'Brien. John W. Atherson.
Henry Rosenthal.

Resolved, That the certificates of immediate official superiors, and of this Board, in the case of Roundsman Charles H. Boyle, Twenty-first Precinct, be forwarded to the Secretary of the Civil Service Examining Board, in order that said officer may be examined as to his fitness for promotion:

Resolved, That full pay while sick be granted to the following officers—all aye:

Sergeant Charles O. Sheldon, Nineteenth Precinct, from June 13 to 24, 1889.

Patrolman William A. Huntress, Thirty-fifth Precinct, for June, 1889.

Resolved, That requisition be and is hereby made upon the Comptroller for the sum of \$67 to enable the Board of Police to pay bill of Martin B. Brown for printing specifications for electrical conductors, chargeable to Appropriation Supplies for Police—Expense of placing Telegraph and Telephone wires Underground—all aye.

Resolved, That the Treasurer be and is hereby directed to pay into the Police Pension Fund the sum of \$35,000, being a part of the unexpended balance of appropriation, "Police Fund—Salaries to Members of the Police Force" for 1888, in pursuance of chap. 364, Laws of 1885—all aye.

Resolved, That during the months of July and August the meetings of the Board be held on Wednesday of each week, at 12 o'clock noon.

On reading and filing communication from Thomas J. Lynch, it was

Resolved, That the proposal and offer of Mr. Thomas J. Lynch to sell the two lots of land, each 25 by 100 feet, situate in the City of New York on the south side of West Sixty-eighth street, 100 feet east of Tenth avenue, for the sum of \$20,500, be and is hereby accepted for and in behalf of the Mayor, Aldermen and Commonality of the City of New York, as a site for a station house, lodging house and prison for the Police Precinct, subject to the assent of the Comptroller, in pursuance of chapter 542, Laws of 1885, and the approval of the title thereof by the Counsel to the Corporation—all aye.

Judgments—Fines Imposed.

Patrolman John Collins, First Precinct, neglect of duty, one-half day's pay.
" Richard Clarkson, Second Precinct, neglect of duty, one day's pay.
" Alfred Ahrens, Second Precinct, neglect of duty, one day's pay.
" John Polly, Second Precinct, neglect of duty, etc., three days' pay.
" Matthew D. Kelly, Second Precinct, neglect of duty, two days' pay.
" John Buttery, Fourth Precinct, neglect of duty, two days' pay.
" William J. Cunningham, Fourth Precinct, neglect of duty, three days' pay.
" John Hogan, Fourth Precinct, neglect of duty, three days' pay.
" Albert E. Westlorn, Fourth Precinct, neglect of duty, two days' pay.
" Henry Stange, Seventh Precinct, neglect of duty, one-half day's pay.
" Patrick Higgins, Seventh Precinct, neglect of duty, one-half day's pay.
" Thomas F. Manning, Seventh Precinct, neglect of duty, two days' pay.
" Thomas F. Manning, Seventh Precinct, neglect of duty, one-half day's pay.
" Adam H. Scherry, Seventh Precinct, neglect of duty, three days' pay.
" Adam H. Scherry, Seventh Precinct, neglect of duty, two days' pay.
" Edward McCormick, Eighth Precinct, neglect of duty, one-half day's pay.
" Joseph A. Gardiner, Eighth Precinct, neglect of duty, two days' pay.
" John H. Smith, Ninth Precinct, neglect of duty, one-half day's pay.
" William H. Nash, Ninth Precinct, neglect of duty, two days' pay.

Patrolman Louis Schreiber, Ninth Precinct, neglect of duty, one-half day's pay.
" Thomas Donohue, Tenth Precinct, neglect of duty, one-half day's pay.
" George Beller, Tenth Precinct, neglect of duty, one-half day's pay.
" August Briehof, Tenth Precinct, neglect of duty, one-half day's pay.
" August Briehof, Tenth Precinct, neglect of duty, one-half day's pay.
" Daniel J. Haggarty, Tenth Precinct, neglect of duty, one day's pay.
" Gustav Hurdelay, Eleventh Precinct, neglect of duty, one day's pay.
" James Ryan, Eleventh Precinct, neglect of duty, two days' pay.
" Henry Reigl, Thirteenth Precinct, neglect of duty, one-half day's pay.
" Michael McLaughlin, Thirteenth Precinct, neglect of duty, two days' pay.
" Frederick Gillman, Thirteenth Precinct, neglect of duty, one-half day's pay.
" Timothy Golden, Fourteenth Precinct, neglect of duty, one-half day's pay.
" John J. Cassin, Sixteenth Precinct, neglect of duty, three days' pay.
" Frank A. Flynn, Nineteenth Precinct, neglect of duty, one day's pay.
" James A. McCormick, Nineteenth Precinct, neglect of duty, one-half day's pay.
" Frederick Ripple, Nineteenth Precinct, neglect of duty, one-half day's pay.
" Frederick Ripple, Nineteenth Precinct, neglect of duty, one day's pay.
" James Mairs, Nineteenth Precinct, neglect of duty, one-half day's pay.
" William R. Linn, Nineteenth Precinct, neglect of duty, two days' pay.
" George H. Adams, Nineteenth Precinct, neglect of duty, one-half day's pay.
" Philip McGovern, Twentieth Precinct, neglect of duty, two days' pay.
" Patrick Walsh, Twenty-second Precinct, neglect of duty, one-half day's pay.
" James Heenan, Twenty-second Precinct, neglect of duty, three days' pay.
" William E. Daly, Twenty-second Precinct, neglect of duty, one day's pay.
" Thomas F. Dolan, Twenty-third Precinct, neglect of duty, one-half day's pay.
" Daniel J. McIneny, Twenty-third Precinct, neglect of duty, one-half day's pay.
" Andrew Donohue, Twenty-third Precinct, neglect of duty, two days' pay.
" John F. Poole, Twenty-fifth Precinct, violation of rules, etc., ten days' pay.
" James McParlan, Twenty-fifth Precinct, neglect of duty, one day's pay.
" Maurice T. Cagney, Twenty-fifth Precinct, neglect of duty, one day's pay.
" William Jordan, Twenty-fifth Precinct, neglect of duty, one-half day's pay.
" James Doyle, Twenty-sixth Precinct, neglect of duty, one day's pay.
" James Doyle, Twenty-sixth Precinct, neglect of duty, one-half day's pay.
" William Swain, Twenty-sixth Precinct, neglect of duty, one-half day's pay.
" Thomas Dermody, Twenty-seventh Precinct, neglect of duty, two days' pay.
" Thomas Dermody, Twenty-seventh Precinct, neglect of duty, two days' pay.
" Thomas J. Egan, Twenty-seventh Precinct, neglect of duty, one-half day's pay.
" Robert O. Raw, Twenty-seventh Precinct, neglect of duty, three days' pay.
" Frank L. Brutschin, Twenty-ninth Precinct, neglect of duty, one-half day's pay.
" James A. Reilly, Twenty-ninth Precinct, neglect of duty, one day's pay.
" Frank J. Jackson, Thirtieth Precinct, neglect of duty, one-half day's pay.
" Benjamin C. Scheffler, Thirtieth Precinct, neglect of duty, two days' pay.
" John Leonard, Thirtieth Precinct, neglect of duty, two days' pay.
" James McNamee, Thirtieth Precinct, neglect of duty, two days' pay.
" James McNamee, Thirtieth Precinct, neglect of duty, one day's pay.
" Thomas F. Kerns, Thirtieth Precinct, neglect of duty, one-half day's pay.
" Walter J. McGrath, Thirtieth Precinct, neglect of duty, one-half day's pay.
" Albert D. Downing, Thirty-third Precinct, neglect of duty, two days' pay.
" John A. Bromily, Thirty-fourth Precinct, conduct unbecoming an officer, etc., three days' pay.
" John C. Shiffert, Thirty-fifth Precinct, neglect of duty, one day's pay.
" John E. Leonard, Thirty-fifth Precinct, neglect of duty, two days' pay.
" John Dermody, Thirty-fifth Precinct, neglect of duty, one day's pay.
" Henry J. Seymour, Thirty-fifth Precinct, neglect of duty, five days' pay.
" James J. O'Meara, Thirty-fifth Precinct, neglect of duty, one day's pay.
" James J. O'Meara, Thirty-fifth Precinct, neglect of duty, two days' pay.
" James J. O'Meara, Thirty-fifth Precinct, neglect of duty, one day's pay.
" Thomas Gilson, First Precinct, neglect of duty, two days' pay.
" Frank J. Straub, First Precinct, neglect of duty, one day's pay.
" Daniel Tonhill, Second Precinct, neglect of duty, one-half day's pay.
" Daniel Tonhill, Second Precinct, neglect of duty, three days' pay.
" Charles Roxbury, Second Precinct, neglect of duty, three days' pay.
" Christopher Farrell, Fifth Precinct, conduct unbecoming an officer, two days' pay.
" Thomas F. McGovern, Fifth Precinct, neglect of duty, two days' pay.
" Frederick Behr, Eighth Precinct, neglect of duty, one-half day's pay.
" James A. Black, Eighth Precinct, neglect of duty, two days' pay.
" James Greer, Eighth Precinct, neglect of duty, two days' pay.
" Robert R. Reed, Eighth Precinct, neglect of duty, one day's pay.
" John S. Duhme, Ninth Precinct, neglect of duty, one-half day's pay.
" Thomas Perry, Ninth Precinct, neglect of duty, one-half day's pay.
" Michael Healy, Tenth Precinct, conduct unbecoming an officer, ten days' pay.
" Alonzo M. Southard, Twelfth Precinct, neglect of duty, one-half day's pay.
" Joseph F. Collins, Sixteenth Precinct, neglect of duty, fifteen days' pay.
" Joseph H. Reiger, Nineteenth Precinct, neglect of duty, one-half day's pay.
" Joseph H. Reiger, Nineteenth Precinct, neglect of duty, two days' pay.
" John Wolfe, Nineteenth Precinct, neglect of duty, one-half day's pay.
" Sylvanus Rork, Nineteenth Precinct, neglect of duty, one-half day's pay.
" Nicholas Illich, Nineteenth Precinct, neglect of duty, two days' pay.
" John H. Conway, Twenty-second Precinct, neglect of duty, one-half day's pay.
" William G. Neeley, Twenty-third Precinct, neglect of duty, one day's pay.
" William H. Ennis, Twenty-fifth Precinct, neglect of duty, one-half day's pay.
" George Barmstorf, Twenty-seventh Precinct, neglect of duty, one-half day's pay.
" George F. McArdle, Thirtieth Precinct, neglect of duty, one day's pay.
" James T. O'Conner, Thirty-first Precinct, neglect of duty, one-half day's pay.
" John McGinley, Thirty-fifth Precinct, neglect of duty, one-half day's pay.
" John McEwen, First Precinct, neglect of duty, one day's pay.
" Daniel Shaw, Second Precinct, neglect of duty, one-half day's pay.
" Charles McCarthy, Second Precinct, neglect of duty, one-half day's pay.
" George E. Lang, Second Precinct, neglect of duty, three days' pay.
" John J. Baker, Eighth Precinct, neglect of duty, one-half day's pay.
" John J. Burke, Fourteenth Precinct, neglect of duty, one-half day's pay.
" James Smith, Fifteenth Precinct, neglect of duty, three days' pay.
" Patrick Burke, Nineteenth Precinct, neglect of duty, one-half day's pay.
" William F. Boyle, Nineteenth Precinct, neglect of duty, one-half day's pay.
" John B. Smith, Nineteenth Precinct, neglect of duty, two days' pay.
" James A. Carroll, Twenty-second Precinct, neglect of duty, one-half day's pay.
" James F. McNeary, Twenty-sixth Precinct, violation of rules, ten days' pay.
" James F. McNeary, Twenty-sixth Precinct, neglect of duty, three days' pay.

Patrolman James F. McNeary, Twenty-sixth Precinct, neglect of duty, three days' pay.
 " James F. McNeary, Twenty-sixth Precinct, neglect of duty, two days' pay.
 " James F. McNeary, Twenty-sixth Precinct, neglect of duty, one day's pay.
 " James F. McNeary, Twenty-sixth Precinct, neglect of duty, two days' pay.
 " James F. McNeary, Twenty-sixth Precinct, neglect of duty, one day's pay.
 " John R. Knichinsky, Twenty-ninth Precinct, neglect of duty, one day's pay.
 " Martin F. Morrison, Thirty-fifth Precinct, neglect of duty, one-half day's pay.

Reprimands.

Patrolman Seeley J. Brownell, Second Precinct, neglect of duty.
 " William J. Lahey, Second Precinct, neglect of duty.
 " John F. Magner, Sixth Precinct, neglect of duty.
 Captain William Thompson, Eighth Precinct, violation of rules.
 Patrolman James Quinn, Tenth Precinct, violation of rules.
 " Daniel J. Haggarty, Tenth Precinct, neglect of duty.
 " Joseph A. McCarthy, Tenth Precinct, neglect of duty.
 " Charles W. Schmidt, Eleventh Precinct, neglect of duty.
 " Kerin J. Larkin, Twelfth Precinct, neglect of duty.
 " Charles Verriann, Fourteenth Precinct, neglect of duty.
 " Michael Grey, Nineteenth Precinct, neglect of duty.
 " Peter McDermott, Nineteenth Precinct, neglect of duty.
 " John B. Smith, Nineteenth Precinct, neglect of duty.
 " John Sweeny, Twenty-second Precinct, neglect of duty.
 " Byron C. Lewis, Twenty-second Precinct, neglect of duty.
 " Simon P. McDonnell, Twenty-sixth Precinct, violation Rule 508.
 " Eugene Cooper, Twenty-sixth Precinct, neglect of duty.
 " Matthew Horan, Twenty-sixth Precinct, neglect of duty.
 " George F. Bartholomew, Twenty-ninth Precinct, neglect of duty.
 " Redmond P. Keresy, Thirty-first Precinct, neglect of duty.
 " John W. Carroll, Thirty-first Precinct, neglect of duty.
 " Alonzo Howell, Thirty-fifth Precinct, neglect of duty.
 " Dennis A. Nolan, Thirty-fifth Precinct, neglect of duty.

Complaints Dismissed.

Patrolman Henry Harges, Fifth Precinct, neglect of duty.
 " James Crorken, Seventh Precinct, conduct unbecoming an officer.
 " Thomas J. White, Eighth Precinct, conduct unbecoming an officer.
 " William H. Nash, Ninth Precinct, conduct unbecoming an officer.
 " Albert A. Jones, Fifteenth Precinct, neglect of duty.
 " John C. Gilligan, Fifteenth Precinct, conduct unbecoming an officer.
 " John H. Thompson, Nineteenth Precinct, conduct unbecoming an officer.
 " Philip Herrlich, Nineteenth Precinct, neglect of duty.
 " Frederick E. Coyle, Twenty-second Precinct, neglect of duty.
 " John Hill, Twenty-second Precinct, neglect of duty.
 " John Cusack, Twenty-second Precinct, neglect of duty.
 " Owen Duffy, Twenty-second Precinct, neglect of duty.
 " William Walsh, Twenty-seventh Precinct, neglect of duty.
 " Frank Hennessey, Thirtieth Precinct, neglect of duty.
 " William Reid, Thirty-first Precinct, neglect of duty.
 " Henry Schmitz, Thirty-first Precinct, neglect of duty.
 " William Wines, Thirty-fifth Precinct, violation of rules.

Bureau of Elections.

Whereas, Sections 1850 and 1852 of chapter 410 of the Laws of 1882, as amended by chapter 490 of the Laws of 1887, require the Board of Police annually, in the months of August and September, to select persons to serve as Inspectors of Elections and Poll Clerks in each election district of the City of New York.

Resolved, That lists be received and applications are hereby invited, in accordance with law, until the 10th day of August next, with name, age, residence, occupation, and political faith of proper persons for the positions above-named, and the names of said applicants to be published in the CITY RECORD for public scrutiny.

Resolved, That all applications be referred to the Chief of the Bureau of Elections for inquiry, and report as to the character and qualifications of the persons making such applications, and that the result of such inquiry be submitted to this Board.

Resolved, That in the preparation of such lists for publication the Chief of the Bureau of Elections is hereby directed to omit therefrom the name of any person engaged in any disreputable or unlawful occupation, or who has employment under the Federal, State or City Government, or any of the Departments thereof.

Adjourned.

WM. H. KIPP, Chief Clerk.

DEPARTMENT OF PUBLIC WORKS.

DEPARTMENT OF PUBLIC WORKS.
 COMMISSIONER'S OFFICE, NO. 31 CHAMBERS STREET,
 NEW YORK, June 28, 1889.

In accordance with the provisions of section 51 of chapter 410 of the Laws of 1882, the Department of Public Works makes the following report of its transactions for the week ending June 22, 1889:

Public Moneys Received during the Week.

For Croton water rents.....	\$59,179 09
For penalties on water rents.....	50 55
For tapping Croton pipes.....	215 50
For sewer permits.....	538 32
For restoring and repaving—Special Fund.....	721 00
For redemption of obstructions seized.....	334 25
For vault permits.....	2,944 29
Total.....	\$63,983 00

Permits Issued.

51 permits to tap Croton pipes.
 56 permits to open streets.
 26 permits to make sewer connections.
 45 permits to repair sewer connections.
 187 permits to place building material on streets.
 18 permits—special.
 6 permits to construct street vaults.

Obstructions Removed.

83 obstructions removed from various streets and avenues.

Repairs to Pavements.

9,241 square yards of pavement repaired in various streets and avenues.

Repairing and Cleaning Sewers.

61 receiving-basins and culverts cleaned.
 2,189 lineal feet of sewer cleaned.
 12 lineal feet of sewer rebuilt.
 12 lineal feet of spur-pipe laid.
 4 lineal feet of new curb set.
 2 new basin heads and covers put on.
 1 new basin cover put on.
 2 basins repaired.
 9 manhole heads reset.
 34 square yards of pavement relaid.
 38 square feet of flagging relaid.
 16 square feet of brickwork built.
 108 cubic yards earth excavated and refilled.
 169 cart-loads dirt removed.

Public Lamps.

28 new lamps lighted.
 73 old lamps relighted.
 8 lamps discontinued.
 14 lamp-posts removed.
 25 lamp-posts reset.
 44 lamp-posts straightened.
 3 columns refitted.
 26 columns relaid.

Report of Photometrical Examinations of Illuminating Gas, for the week ending June 22, 1889, made at the Photometrical Rooms of the Department of Public Works.

DATE.	TIME.	Thermometer.	Barometer.	GAS COMPANY.	BURNER.	Pressure as Delivered to Burner.	Consumption of Gas Rate per hour.	Consumption of Candle, Grs. per hour.	ILLUMINATING POWER.	
									Observed.	Corrected.
June 17	2 P.M.	85.	29.81	{ Consolidated, Branch 2.. }	Empire 5 ft.....	.57	5.00	117.0	22.16	21.61
" 18	5 P.M.	81.	30.05	"	"	.54	5.00	117.0	21.10	20.57
" 19	3 P.M.	76.	29.87	"	"	.55	5.00	117.6	20.90	20.48
" 20	5 P.M.	80.	29.93	"	"	.56	5.00	115.8	22.60	21.81
" 21	4 P.M.	82.	29.88	"	"	.57	5.00	120.0	21.40	21.40
" 22	5.30 P.M.	82.	29.91	"	"	.58	5.00	121.2	21.24	21.45
									Average.	21.22
June 17	2.30 P.M.	85.	29.81	{ Consolidated, Branch 1.. }	Bray's Slit Union, 7	.93	5.00	120.6	21.36	21.46
" 18	4.30 P.M.	81.	30.06	"	"	.93	5.00	125.0	21.18	22.24
" 19	3.30 P.M.	76.	29.87	"	"	.94	5.00	117.0	24.80	24.18
" 20	4.30 P.M.	80.	29.93	"	"	.94	5.00	120.0	24.46	24.46
" 21	4.30 P.M.	82.	29.88	"	"	.94	5.00	114.0	25.48	24.21
" 22	5 P.M.	82.	29.81	"	"	.94	5.00	123.0	23.40	23.98
									Average.	23.42
June 17	6 P.M.	83.	29.88	{ Consolidated, Branch 4.. }	Bray's Slit Union, 6	.63	5.00	121.2	23.82	24.06
" 18	5.30 P.M.	78	30.08	"	"	.63	5.00	114.0	24.80	23.56
" 19	6.30 P.M.	76.	29.88	"	"	.63	5.00	120.0	23.82	23.82
" 20	6 P.M.	78.	29.90	"	"	.63	5.00	117.6	24.04	23.56
" 21	10.30 A.M.	79.	30.03	"	"	.64	5.00	121.2	23.20	23.43
" 22	10 A.M.	81.	29.91	"	"	.65	5.00	124.8	22.40	23.29
									Average.	23.62
June 17	5.30 P.M.	83.	29.88	{ Consolidated, Branch 6.. }	Bray's Slit Union, 6	.78	5.00	126.0	27.32	28.68
" 18	6 P.M.	78	30.08	"	"	.78	5.00	115.8	29.10	28.08
" 19	6 P.M.	76.	29.88	"	"	.78	5.00	120.0	28.46	28.46
" 20	6.30 P.M.	78.	29.90	"	"	.78	5.00	118.8	29.04	28.75
" 21	11 A.M.	79.	30.03	"	"	.79	5.00	119.4	29.74	29.59
" 22	9.30 A.M.	81.	29.91	"	"	.78	5.00	121.2	28.64	28.92
									Average.	28.74
June 17	3 P.M.	85.	29.81	{ Consolidated, Branch 3.. }	Bray's Slit Union, 7	.94	5.00	120.0	30.28	30.28
" 18	4 P.M.	81.	30.06	"	"	.94	5.00	124.8	28.02	29.14
" 19	4 P.M.	76.	29.87	"	"	.94	5.00	115.2	30.20	28.99
" 20	4 P.M.	80.	29.93	"	"	.94	5.00	114.0	30.80	29.26
" 21	5 P.M.	82.	29.88	"	"	.95	5.00	118.2	29.16	28.72
" 22	4.30 P.M.	82.	29.91	"	"	.95	5.00	117.0	31.32	30.54
									Average.	29.49
June 17	3.30 P.M.	85.	29.81	N. Y. Mutual...	Bray's Slit Union, 7	.99	5.00	121.2	30.78	31.09
" 18	3.30 P.M.	81.	30.06	"	"	.98	5.00	120.6	29.46	29.61
" 19	4.30 P.M.	76	29.87	"	"	.98	5.00	121.8	28.60	29.03
" 20	3.30 P.M.	80.	29.93	"	"	.99	5.00	118.2	29.94	29.40
" 21	5.30 P.M.	82.	29.88	"	"	.99	5.00	120.0	29.68	29.68
" 22	4 P.M.	82.	29.91	"	"	.99	5.00	120.0	28.22	28.22
									Average.	29.52
June 17	4 P.M.	85.	29.81	Equitable.....	Bray's Slit Union, 7	.99	5.00	123.0	29.70	30.44
" 18	3 P.M.	81.	30.06	"	"	.97	5.00	120.0	28.58	28.58
" 19	5 P.M.	76.	29.87	"	"	.99	5.00	114.0	32.70	31.07
" 20	3 P.M.	80.	29.93	"	"	.99	5.00	118.8	30.94	30.63
" 21	6 P.M.	82.	29.88	"	"	.99	5.00	123.0	30.92	31.69
" 22	3.30 P.M.	82.	29.91	"	"	1.00	5.00	118.2	31.76	31.28
									Average.	30.61

E. G. LOVE, Ph. D., Gas Examiner.

Statement of Laboring Force Employed in the Department of Public Works during the week ending June 22, 1889.

NATURE OF WORK.	MECHANICS.	LABORERS.	TEAMS.	CARTS.
Aqueduct—Repairs and Maintenance and Strengthening.....	34	167	6	7
Supplying Water to Shipping.....	6	..	..	..
Laying Croton Pipes.....	3	12	2	..
Repairing and Renewals of Pipes, Stop-cocks, etc.....	66	132	..	17
Bronx River Works—Maintenance and Repairs.....	2	17	2	..
Repairing and Cleaning Sewers.....	6	51	..	21
Repairs and Renewals of Pavements.....	166	273	4	86
Boulevards, Roads and Avenues, Maintenance of.....	18	79	30	5
Roads, Streets and Avenues.....	2	26	5	..
Totals.....	303	757	49	136
Increase over previous week.....	2	21	..	1
Decrease from previous week.....	..	..	4	..

Requisitions on the Comptroller.

The total amount of requisitions drawn by the Department of Public Works on the Comptroller during the week is \$104,992.69.

THOMAS F. GILROY, Commissioner of Public Works.

APPROVED PAPERS.

Resolved, That permission be and the same is hereby given to the Forty-second Street and Grand Street Ferry Company to erect an open shed on Union Market square, thirty feet front by twenty-five feet deep, for the purpose of keeping and resting relays of horses, in use by said company, during June, July, August and September, each year, as shown on the accompanying diagram, the work to be done at the expense of the company, under the direction of the Commissioner of Public Works; such permission to continue only during the pleasure of the Common Council.

Adopted by the Board of Aldermen, June 18, 1889.
Approved by the Mayor, June 24, 1889.

Resolved, That permission be and the same is hereby given to Frederick Adler to place and keep a watering-trough on the sidewalk, near the curb-line, in front of his premises on the west side Tenth avenue, about sixty feet north of One Hundred and Sixty-eighth street, the work to be done and water supplied at his own expense, under the direction of the Commissioner of Public Works; such permission to continue only during the pleasure of the Common Council.

Adopted by the Board of Aldermen, June 18, 1889.
Approved by the Mayor, June 24, 1889.

Resolved, That permission be and the same is hereby given to Schwager & Dorsch to place and keep a watering-trough on the sidewalk, near the curb-line, in front of premises No. 159 Grand Boulevard, northwest corner of Sixty-seventh street, the work to be done and water supplied at their own expense, under the direction of the Commissioner of Public Works; such permission to continue only during the pleasure of the Common Council.

Adopted by the Board of Aldermen, June 18, 1889.
Approved by the Mayor, June 24, 1889.

Resolved, That permission be and the same is hereby given to Charles Wall to set the curb-stones and flag the sidewalks in front of his premises to No. 346 Brook avenue, the work to be done at his own expense, under the direction of the Commissioners of Public Parks.

Adopted by the Board of Aldermen, June 18, 1889.
Approved by the Mayor, June 24, 1889.

Resolved, That water-pipes be laid in One Hundred and Thirty-sixth street, from Seventh to Eighth avenue, as provided in section 356 of the New York City Consolidation Act of 1882.

Adopted by the Board of Aldermen, May 28, 1889.
Approved by the Mayor, June 10, 1889.

EXECUTIVE DEPARTMENT.

MAYOR'S OFFICE,
NEW YORK, February 1, 1889.

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

HUGH J. GRANT, Mayor.

OFFICIAL DIRECTORY.

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

EXECUTIVE DEPARTMENT

Mayor's Office.

No. 6 City Hall, 10 A. M. to 4 P. M.; Saturdays, 10 A. M. to 12 M.
HUGH J. GRANT, Mayor. THOMAS C. T. CRAIN, Secretary and Chief Clerk.

Mayor's Marshal's Office.

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

COMMISSIONERS OF ACCOUNTS.

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

AQUEDUCT COMMISSIONERS.

Room 209, Stewart Building, 5th floor, 9 A. M. to 5 P. M.
JAMES C. DUANE, President; JOHN C. SHEEHAN, Secretary; A. FTELEY, Chief Engineer; J. C. LULLEY, Auditor.

BOARD OF ARMOY COMMISSIONERS.

THE MAYOR, Chairman; PRESIDENT OF DEPARTMENT OF TAXES AND ASSESSMENTS, Secretary.
Address M. COLEMAN, Staats Zeitung Building, Tryon Row. Office hours, 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.

COMMON COUNCIL.

Office of Clerk of Common Council.

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

City Library.

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

DEPARTMENT OF PUBLIC WORKS.

Commissioner's Office.

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

Bureau of Chief Engineer.

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

Bureau of Water Register.

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

Bureau of Street Improvements.

No. 31 Chambers street, 9 A. M. to 4 P. M.
WM. M. DEAN, Superintendent.

Engineer-in-Charge of Sewers.

No. 31 Chambers street, 9 A. M. to 4 P. M.
HORACE LOOMIS, Engineer-in-Charge.

Bureau of Repairs and Supplies.

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

Bureau of Water Purveyor.

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

Bureau of Lamps and Gas.

No. 31 Chambers street, 9 A. M. to 4 P. M.
STEPHEN MCCORMICK, Superintendent.

Bureau of Streets.

No. 31 Chambers street, 9 A. M. to 4 P. M.
GEO. E. BARCOCK, Superintendent.

Bureau of Incumbrances.

No. 31 Chambers street, 9 A. M. to 4 P. M.
JOHN RICHARDSON, Superintendent.

Keeper of Buildings in City Hall Park.

MARTIN J. KEESSE, City Hall.

FINANCE DEPARTMENT.

Comptroller's Office.

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

Auditing Bureau.

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

Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents.

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

Bureau for the Collection of City Revenue and of Markets.

Nos. 1 and 3 Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.
JAMES DALY, Collector of the City Revenue and Superintendent of Markets.
No money received after 2 P. M.

Bureau for the Collection of Taxes.

No. 37 Chambers street and No. 35 Reade street, Stewart Building, 9 A. M. to 4 P. M.
GEORGE W. MCLEAN, Receiver of Taxes; ALFRED VREDENBURGH, Deputy Receiver of Taxes.
No money received after 2 P. M.

Bureau of the City Chamberlain.

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

Office of the City Paymaster.

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

LAW DEPARTMENT.

Office of the Counsel to the Corporation.

Staats Zeitung Building, third floor, 9 A. M. to 5 P. M. Saturdays, 9 A. M. to 4 P. M.
WILLIAM H. CLARK, Counsel to the Corporation.
ANDREW T. CAMPBELL, Chief Clerk.

Office of the Public Administrator.

No. 49 Beekman street, 9 A. M. to 4 P. M.
CHARLES E. LYDECKER, Public Administrator.

Office of the Corporation Attorney.

No. 49 Beekman street, 9 A. M. to 4 P. M.
LOUIS STECKLER, Corporation Attorney.

POLICE DEPARTMENT.

Central Office.

No. 300 Mulberry street, 9 A. M. to 4 P. M.
President: WILLIAM H. KIPP, Chief Clerk; JOHN J. O'BRIEN, Chief Bureau of Elections.

DEPARTMENT OF CHARITIES AND CORRECTION.

Central Office.

No. 66 Third avenue, corner Eleventh street, 9 A. M. to 4 P. M.
HENRY H. PORTER, President; GEORGE F. BRITTON, Secretary.
Purchasing Agent, FREDERICK A. CUSHMAN. Office hours, 9 A. M. to 4 P. M. Saturdays, 12 M.
Contracts, Proposals and Estimates for Work and Materials for Building, Repairs and Supplies, Bills and Accounts, 9 A. M. to 4 P. M. Saturdays, 12 M. CHARLES BENN, General Bookkeeper.
Out-Door Poor Department. Office hours, 8:30 A. M. to 4:30 P. M. WILLIAM BLAKE, Superintendent. Entrance on Eleventh street.

FIRE DEPARTMENT.

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

Headquarters.

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

Bureau of Chief of Department.

HUGH BONNER, Chief of Department.

Bureau of Inspector of Combustibles.

PETER SEERY, Inspector of Combustibles.

Bureau of Fire Marshal.

JAMES MITCHELL, Fire Marshal.

Bureau of Inspection of Buildings.

THOMAS J. BRADY, Superintendent of Buildings.

Attorney to Department.

WM. L. FINDLEY.

Fire Alarm Telegraph.

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

Repair Shops.

Nos. 128 and 130 West Third street.
JOHN CASTLES, Foreman-in-Charge, 8 A. M. to 5 P. M.

Hospital Stables.

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

HEALTH DEPARTMENT.

No. 301 Mott street, 9 A. M. to 4 P. M.
CHARLES G. WILSON, President; EMMONS CLARK, Secretary.

DEPARTMENT OF PUBLIC PARKS.

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

Office of Topographical Engineer.

Arsenal, Sixty-fourth street and Fifth avenue, 9 A. M. to 5 P. M.

Office of Superintendent of 23d and 24th Wards.

One Hundred and Forty-sixth street and Third avenue, 9 A. M. to 5 P. M.

DEPARTMENT OF DOCKS.

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

DEPARTMENT OF TAXES AND ASSESSMENTS.

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

Office Bureau Collection of Arrears of Personal Taxes.

No. 53 Chambers street, Room 41, 9 A. M. to 4 P. M.
CHARLES S. BEARDSLEY, Attorney; SAMUEL BARRY, Clerk.

DEPARTMENT OF STREET CLEANING.

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

CIVIL SERVICE SUPERVISORY AND EXAMINING BOARDS.

Cooper Union, 9 A. M. to 4 P. M.
JAMES THOMSON, Chairman of the Supervisory Board; GUNTHER K. ACKERMAN, Secretary and Executive Officer.

BOARD OF ESTIMATE AND APPORTIONMENT

Office of Clerk, Staats Zeitung Building, Room 5.
The Mayor, Chairman; CHARLES V. ADEE, Clerk.

BOARD OF ASSESSORS.

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

BOARD OF EXCISE.

No. 54 Bond street, 9 A. M. to 4 P. M.
ALEXANDER MEAKIM, President; GEORGE H. GALE, Secretary and Chief Clerk.

SHERIFF'S OFFICE.

Nos. 3 and 4 New County Court-house, 9 A. M. to 4 P. M.
JAMES A. FLACK, Sheriff; JOHN B. SEXTON, Under Sheriff; JOHN M. TRACY, Order Arrest Clerk.

REGISTER'S OFFICE.

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

COMMISSIONER OF JURORS.

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

COUNTY CLERK'S OFFICE.

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

DISTRICT ATTORNEY'S OFFICE.

Second floor, Brown-stone Building, City Hall Park, 9 A. M. to 4 P. M.
JOHN R. FELLOWS, District Attorney; JAMES McCABE, Chief Clerk.

THE CITY RECORD OFFICE.

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

CORONERS' OFFICE.

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

SUPREME COURT

Second floor, New County Court-house, opens at 10:30 A. M.
CHARLES H. VAN BRUNT, Presiding Justice; EDWARD F. REILLY, Clerk; P. J. SCULLY, Deputy County Clerk. General Term, Room No. 9, WILLIAM LAMB, Jr., Clerk. Special Term, Part I., Room No. 10, HUGH DONNELLY, Clerk. Special Term, Part II., Room No. 18, WILLIAM J. HILL, Clerk. Chambers, Room No. 11, AMBROSE A. McCAULL, Clerk. Circuit, Part I., Room No. 12, WALTER BRADY, Clerk. Circuit, Part II., Room No. 14, JOHN B. MCGOLDRICK, Clerk. Circuit, Part III., Room No. 13, GEORGE F. LYON, Clerk. Circuit, Part IV., Room No. 15, J. LEWIS LYON, Clerk. Judges' Private Chambers, Rooms Nos. 19 and 20, SAMUEL GOLDBERG Librarian.

SUPERIOR COURT.

Third floor, New County Court-house, 11 A. M.
General Term, Room No. 35.
Special Term, Room No. 33.
Chambers, Room No. 33, 10 A. M.
Part I., Room No. 34.
Part II., Room No. 35.
Part III., Room No. 36.
Judges' Private Chambers, Room No. 30.
Naturalization Bureau, Room No. 32.
Clerk's Office, Room No. 31, 9 A. M. to 4 P. M.
JOHN SEDGWICK, Chief Judge; THOMAS BOESE, Chief Clerk.

COURT OF COMMON PLEAS.

Third floor, New County Court-house, 9 A. M. to 4 P. M.
Assignment Bureau, Room No. 23, 9 A. M. to 4 P. M.
Clerk's Office, Room No. 22, 9 A. M. to 4 P. M.
General Term, Room No. 24, 11 o'clock A. M. to adjournment.
Special Term, Room No. 21, 11 o'clock A. M. to adjournment.
Chambers, Room No. 21, 10:30 o'clock A. M. to adjournment.
Part I., Room No. 25, 11 o'clock A. M. to adjournment.
Part II., Room No. 26, 11 o'clock A. M. to adjournment.
Part III., Room No. 27, 11 o'clock A. M. to adjournment.
Naturalization Bureau, Room No. 23, 9 A. M. to 4 P. M.
RICHARD L. LARREMORE, Chief Justice; NATHANIEL JARVIS, Jr., Chief Clerk.

COURT OF GENERAL SESSIONS.

No. 32 Chambers street. Parts I. and II. Court open at 11 o'clock A. M.
FREDERICK SMYTH, Recorder; RANDOLPH B. MARTINE, HENRY A. GILDERLEEVE and RUFUS B. COWING, Judges of the said Court.
Terms, first Monday each month.
JOHN SPARKS, Clerk. Office, Room No. 11, 10 A. M. till 4 P. M.

CITY COURT.

City Hall.

General Term, Room No. 20.
Trial Term, Part I., Room No. 20.
Part II., Room No. 19.
Part III., Room No. 15.
Specia. Term, Chambers, Room No. 21, 10 A. M. to 4 P. M.
Clerk's Office, Room No. 10, City Hall, 9 A. M. to 4 P. M.
DAVID McADAM, Chief Justice; MICHAEL T. DALY, Clerk.

OYER AND TERMINER COURT.

New County Court-house, second floor, southeast corner, Room No. 12. Court opens at 10½ o'clock A. M.
Clerk's Office, Brown-stone Building, City Hall Park, second floor, northwest corner, Room No. 11, 10 A. M. till 4 P. M.

COURT OF SPECIAL SESSIONS.

At Tombs, corner Franklin and Centre streets, daily at 10:30 A. M., excepting Saturday.
Clerk's Office, Tombs.

DISTRICT CIVIL COURTS.

First District—Third, Fifth and Eighth Wards, and all that part of the First Ward lying west of Broadway and Whitehall street, southwest corner of Centre and Chambers streets.
PETER MITCHELL, Justice.
Clerk's Office open from 9 A. M. to 4 P. M.
Second District—Second, Fourth, Sixth and Fourteenth Wards, and all that portion of the First Ward lying south and east of Broadway and Whitehall street, corner of Pearl and Centre streets, 9 A. M. to 4 P. M.
CHARLES M. CLANCY, Justice.

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

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

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

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

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

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

Trial days, Wednesdays, Fridays and Saturdays. Return days, Tuesdays, Thursdays and Saturdays. JOHN JEROLMAN, Justice.

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

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

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

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

ANDREW J. ROGERS, Justice.

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

THOMAS E. MURRAY, Justice.

POLICE COURTS.

Judges—MAURICE J. POWER, J. HENRY FORD, JACOB PATTERSON, JR., JAMES T. KILBRETH, JOHN J. GORMAN, HENRY MURRAY, SOLON B. SMITH, ANDREW J. WHITE, CHARLES WELDE, DANIEL O'REILLY, PATRICK G. DUFFY, DANIEL F. McMAHON, EDW. HOGAN, JOHN COCHRANE, CHARLES N. TANTOR.
GEORGE W. CREGIER, Secretary.
Office of Secretary, Fifth District Police Court, One Hundred and Twenty-fifth street, near Fourth avenue.
First District—Tombs, Centre street.
Second District—Jefferson Market.
Third District—No. 69 Essex street.
Fourth District—Fifty-seventh street, near Lexington avenue.
Fifth District—One Hundred and Twenty-fifth street, near Fourth avenue.
Sixth District—One Hundred and Fifty-eighth street and Third avenue.

THE NORMAL COLLEGE OF THE CITY OF NEW YORK.

SEALED PROPOSALS WILL BE RECEIVED by the Executive Committee of the Normal College, at the Hall of the Board of Education, No. 146 Grand street, until 3 o'clock P. M., on Wednesday, July 10, 1889, for making General Repairs, Painting, etc., and for Sanitary Improvements at the Normal College Buildings.

Plans and specifications may be seen, and blank proposals obtained, at the office of the Superintendent of School Buildings, No. 146 Grand street, third floor.

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

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

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

R. M. GALLAWAY, Chairman,
ARTHUR McMULLIN, Secretary.

Dated NEW YORK, June 27, 1889.

POLICE DEPARTMENT.

POLICE DEPARTMENT—CITY OF NEW YORK,
OFFICE OF THE PROPERTY CLERK (Room No. 9),
No. 300 MULBERRY STREET,
NEW YORK, 1889.

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

JOHN F. HARRIOT,
Property Clerk.

THE COLLEGE OF THE CITY OF NEW YORK.

SEALED PROPOSALS WILL BE RECEIVED by the Executive Committee of the College of the City of New York, at the Hall of the Board of Education, No. 146 Grand street, until 4 o'clock P. M. on Tuesday, July 9, 1889, for making General Repairs and Painting at the College Buildings.

Plans and specifications may be seen, and blank proposals obtained, at the office of the Superintendent of School Buildings, No. 146 Grand street, third floor.

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

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

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

CHARLES L. HOLT,
Chairman.

ARTHUR McMULLIN,
Secretary.

Dated NEW YORK, June 29, 1889.

MUNICIPAL BUILDINGS.

PLANS FOR A MUNICIPAL BUILDING IN THE CITY OF NEW YORK.

NOTICE TO ARCHITECTS.

IN ACCORDANCE WITH THE PROVISIONS of chapter 81 of the Laws of 1889, entitled "An act to provide for the erection of a building for certain purposes relating to the public interests in the City of New York," passed March 27, 1889, the Board of Commissioners thereby constituted will, until the first day of August, 1889, receive plans and specifications for a New Municipal Building, provided for in said statute, to be erected in the City Hall Park, upon the plot of ground east of the City Hall and the New County Court-house.

A diagram showing the ground plan of the proposed building, and instructions to architects, enumerating the requirements in the submission of plans, can be obtained on application at the Comptroller's office.

Four premiums will be awarded, as follows:

For the plans adjudged to be the best, a premium of \$1,500 will be paid; and, in the event of their adoption by the Board of Commissioners, the author will be appointed to the superintendence of the construction of the building, with the fees prescribed by the American Institute of Architects, provided his standing is such as to guarantee a faithful discharge of his duties.

For the plans adjudged to be the second best, a premium of \$1,500 will be paid, and for the plans adjudged to be the third and fourth best, premiums of \$500 each will be paid.

In the examination and judgment of plans the Board will be assisted by a Committee to be appointed by the Mayor, consisting of not more than three competent architects and a civil engineer.

All plans submitted for competition, for which premiums are awarded, shall become the property of the city, and all plans must be filed with the Comptroller on or before the date mentioned. Each plan submitted shall be marked with such assumed designation as the architect may select, provided there shall be filed with the Mayor a sealed envelope, giving the real name of the author of the plans so designated, which shall be opened by the Mayor in the presence of the Board, after the premiums shall have been awarded.

THEO. W. MYERS,
Comptroller,
RICHARD CROKER,
Chairman,
WALTON STORM,
Chairman Finance Committee,
Board of Aldermen,
New York, May 9, 1889.

BOARD OF STREET OPENING AND IMPROVEMENT.

NOTICE IS HEREBY GIVEN THAT THERE will be a regular meeting of the Board of Street Opening and Improvement of the City of New York held in the Mayor's Office, on Friday, July 5, 1889, at 2 o'clock P. M., at which meeting it is proposed to consider unfinished business, and such other matters as may be brought before the Board.

Dated July 2, 1889.

V. B. LIVINGSTON,
Secretary.

NOTICE IS HEREBY GIVEN, IN ACCORDANCE with the provisions of section 105 of chapter 335 of the Laws of 1873, entitled "An act to reorganize the local government of the City of New York," passed April 30, 1873; chapter 410 of the Laws of 1882; chapter 360 of the Laws of 1883, and chapter 185 of the Laws of 1885, and of all other provisions of law relating thereto:

That the Board of Street Opening and Improvement of the City of New York deem it for the public interest to alter the map or plan of the City of New York by laying out, opening and extending Bethune street, between the lines of Hudson street and Greenwich street, of a uniform width of fifty feet, more particularly bounded and described as follows:

Beginning at a point in the westerly line of Hudson street, distant 99 feet 8 inches northerly from the northerly line of Bank street; thence westerly, distance 125 feet, to a point in the easterly line of Greenwich street, said point being distant 136 feet 3 inches northerly from the northerly line of Bank street, as measured along the easterly line of Greenwich street; thence northerly along said easterly line of Greenwich street, distance 50

feet 2 inches; thence easterly, and parallel to the first course above mentioned, distance 129 feet 5 inches, to the westerly line of Hudson street; thence southerly along said line, distance 50 feet, to the point or place of beginning.

Said street to be fifty feet wide between the lines of Greenwich street and Hudson street.

And that such proposed action of said Board has been duly laid before the Board of Aldermen of the City of New York.

Dated NEW YORK, July 2, 1889.

V. B. LIVINGSTON,
Secretary.

HEALTH DEPARTMENT.

HEALTH DEPARTMENT OF THE CITY OF NEW YORK,
No. 301 MOTT STREET,
NEW YORK, August 2, 1888.

AT A MEETING OF THE BOARD OF HEALTH of the Health Department of the City of New York, held at its office, No. 301 Mott street, August 2, 1888, the following resolution was adopted:

Resolved, That under the power conferred by law upon the Health Department, the following additional section to the Sanitary Code for the security of life and health, be and the same is hereby adopted and declared to form a portion of the Sanitary Code:

Section 219. In every public hospital and dispensary in the City of New York there shall be provided and maintained a suitable room or rooms and place for the temporary isolation of persons infected with contagious disease, who shall immediately be separated from the other persons and other patients at such dispensary or hospital. It shall be the duty of the physician or physicians, of the officers, managers and of every one in charge of a hospital or dispensary, and of every one who has any duty or office in respect to patients in the course of treatment, or persons who apply for treatment or care at a dispensary or hospital, to see that a report is immediately made to the Health Department of the City of New York of every person infected with a contagious disease who comes to their knowledge, and that such person or persons so infected are properly isolated and kept separate from other persons and other patients.

[L. S.] JAMES C. BAYLES,
President.

EMMONS CLARK,
Secretary.

HEALTH DEPARTMENT, No. 301 MOTT STREET,
NEW YORK, January 31, 1888.

AT A MEETING OF THE BOARD OF HEALTH of the Health Department of the City of New York, held at its office, No. 301 Mott street, January 27, 1888, the following resolution was adopted:

Resolved, That section 13 of the Sanitary Code be and is hereby amended so as to read as follows:

SEC. 13. That no owner or lessee of any building, or any part thereof, shall lease or let, or hire out the same or any portion thereof, to be occupied by any person, or allow the same to be occupied, as a place in which, or for any one, to dwell or lodge, except when said buildings or such parts thereof are sufficiently lighted, ventilated, provided and accommodated, and are in all respects in that condition of cleanliness and wholesomeness, for which this Code or any law of this State provides, or in which they or either of them require any such premises to be kept. Nor shall any such person rent, let, hire out, or allow, having power to prevent the same to be used as or for a place of sleeping or residence, any portion or apartment of any building, which apartment or portion has not at least one foot of its height and space above the level of every part of the sidewalk and curbstone of any adjacent street, nor of which the floor is damp by reason of water from the ground, or which is impregnated or penetrated by any offensive gas, smell, or exhalation prejudicial to health. But this section shall not prevent the leasing, renting, or occupancy of cellars or rooms less elevated than aforesaid and as a part of any building rented or let, when they are not let or intended to be occupied or used by any person as a sleeping apartment, or as a principal or sole dwelling apartment.

[L. S.] JAMES C. BAYLES,
President.

EMMONS CLARK,
Secretary.

DEPARTMENT OF DOCKS.

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

TO CONTRACTORS.

(No. 305.)

PROPOSALS FOR ESTIMATES FOR DREDGING THE SLIP BETWEEN PIER, OLD 41, AND PIER, OLD 42, NORTH RIVER.

ESTIMATES FOR DREDGING THE SLIP between Pier, old 41, and Pier, old 42, North river, will be received by the Board of Commissioners at the head of the Department of Docks, at the office of said Department, on Pier "A," foot of Battery place, North river, in the City of New York, until 1 o'clock P. M. of

WEDNESDAY, JULY 17, 1889,

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

One-half of this dredging is to be done on account of the New Jersey Steamboat Company, and the contract for the work will not be awarded unless the price named by the lowest bidder shall be satisfactory to said Company. Such contract, if awarded, will be entered into by the Department of Docks on behalf of the Mayor, Aldermen and Commonality of the City of New York, and by said Company on its own account, the City becoming liable for one-half only of the expense, the other one-half to be borne and paid for to the contractor by said Company.

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, to the City and the New Jersey Steamboat Company severally, in the sum of Sixteen Hundred Dollars.

The Engineer's estimate of the quantity of material necessary to be dredged in order to secure at the premises mentioned the depths below mean low water named in the specifications, is 32,200 cubic yards.

N. B.—Bidders are required to submit their estimates upon the following express conditions, which shall apply to and become a part of every estimate received:

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

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

The work to be done under the contract is to be commenced within five days after the date of the contract,

and the entire work is to be fully completed on or before the twelfth day of September, 1889, 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 has expired, are, by a clause in the contract fixed and liquidated at Fifty Dollars per day.

All the material excavated is to be removed by the Contractor, and deposited in all respects, according to law.

Bidders will state in their estimates a price per cubic yard for doing such dredging 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.

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 connection with any other person making an estimate for the same work, and that it is in all respects fair, and without collusion or fraud; and also, that no member of the Common Council, Head of a Department, Chief of a Bureau, Deputy thereof, or Clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or work to which it relates, or in any portion of the profits thereof; which estimate must be verified by the oath, in writing, of the party making the estimate, that the several matters stated therein are in all respects true. *Where more than one person is interested, it is requisite that the verification be made and subscribed to by all the parties interested.*

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

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

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

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

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

EDWIN A. POST,
JAMES MATTHEWS,
J. SERGEANT CRAM,
Commissioners of the Department of Docks.

Dated NEW YORK, July 3, 1889.

(Work of Construction under New Plan.)

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

TO CONTRACTORS.

(No. 306.)

PROPOSALS FOR ESTIMATES FOR REMOVING THE EXISTING CROSSWALK, EARTH, ETC., FROM THE NEWLY-MADE LAND EXTENDING FROM ABOUT 20 FEET NORTHERLY OF PIER, OLD 29, TO ABOUT THE NORTHERLY SIDE OF PIER, NEW 21, NORTH RIVER, WHICH IS TO BE PAVED AND PREPARING FOR AND PAVING THE SAME WITH GRANITE OR STATEN ISLAND SYENITE BLOCKS, AND LAYING CROSSWALKS.

ESTIMATES FOR REMOVING ALL OF THE existing Crosswalks, Earth, etc., from the newly-made land extending from about 20 feet northerly of Pier, old 29, to about the northerly side of Pier, new 21, North river, and for Paving the same with Granite or Staten Island Syenite Blocks, and for laying Crosswalks, will be received by the Board of Commissioners at the head of the Department of Docks, at the office of said Department, Pier "A," foot of Battery place, North river, in the City of New York, until 1 o'clock P. M. of

MONDAY, JULY 8, 1889,

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

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

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

759 cubic yards of dirt to be removed.
1,070 cubic yards of clean sand to be laid.
631 cubic yards of gravel for joints.
8,977 square yards of paving to be laid.
6,300 square feet of crosswalks to be laid.
38,708 gallons of paving cement.
265 cubic feet of brickwork.
30 square feet of blue-stone, 4" thick.
30 square feet of blue-stone, 5" thick.
95 lineal feet of 12-inch heavy cast-iron pipe.
2,175 pounds of cast-iron for heads of silt basins.
273 square feet of crosswalks to be removed.

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 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 contract, and all the work to be done under the contract is to be fully completed on or before the 15th day of October, and the damages to be paid by the Contractor for each day that the contract, or any part thereof, may be unfulfilled after the time fixed for the fulfillment thereof has expired, are, by a clause in the contract, fixed and liquidated at Fifty Dollars per day.

All the old material to be removed under this contract will be relinquished to the Contractor, and bidders must estimate the value of such material when considering the price for which they will do the work under the contract.

All the material excavated is to be removed by the contractor and deposited in all respects according to law.

Bidders will state in their estimates a price for the whole 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 connection with any other person making an estimate for the same work, and that it is in all respects fair, and without collusion or fraud; and also, that no member of the Common Council, Head of a Department, Chief of a Bureau, Deputy thereof, or Clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or work to which it relates, or in any portion of the profits thereof; which estimate must be verified by the oath, in writing, of the party making the estimate, that the several matters stated therein are in all respects true. *Where more than one person is interested, it is requisite that the verification be made and subscribed to by all the parties interested.*

Each estimate shall be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person or persons making the estimate, they will, 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 on its completion and that which said Corporation may be obliged to pay to the person to whom the contract may be awarded at any subsequent letting; the amount in each case to be calculated upon the estimated amount of the work to be done, 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 retained by the City of New York, as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

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

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

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

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

EDWIN A. POST,
JAMES MATTHEWS,
J. SERGEANT CRAM,
Commissioners of the Department of Docks.
Dated NEW YORK, June 24, 1889.

DEPARTMENT OF DOCKS, PIER "A," NORTH RIVER. TO CONTRACTORS.

(No. 284.)

PROPOSALS FOR ESTIMATES FOR DREDGING AT THE BULKHEAD BETWEEN PERRY STREET AND WEST ELEVENTH STREET, NORTH RIVER.

ESTIMATES FOR DREDGING AT THE BULKHEAD between Perry street and West Eleventh street, on the North river, will be received by the Board of Commissioners at the head of the Department of Docks, at the office of said Department, on Pier "A" foot of Battery place, North river, in the City of New York, until 1 o'clock P. M. of

MONDAY, JULY 8, 1889.

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

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

The Engineer's estimate of the quantities of material necessary to be dredged in order to secure at the premises mentioned the depth of water set opposite thereto in the specifications, is as follows:

Bulkhead between Perry street and West Eleventh street, North river..... 2,000 cubic yards

N. B.—Bidders are required to submit their estimates upon the following express conditions, which shall apply to and become part of every estimate received:

(1.) Bidders must satisfy themselves by personal examination of the location of the proposed dredging, 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 in substantial accordance with the specifications of the contract. No extra compensation, beyond the amount payable for the work before mentioned, which shall be actually performed, at the price therefor per cubic yard, to be specified by the lowest bidder, shall be due or payable for the entire work.

The work to be done under the contract is to be commenced within five days after the date of the contract, and the entire work is to be fully completed on or before the eighth day of August, 1889, 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 has expired, are, by a clause in the contract, fixed and liquidated at Fifty Dollars per day.

All the material excavated is to be removed by the Contractor, and deposited in all respects, according to law.

Bidders will state in their estimates a price per cubic yard, for doing such dredging 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.

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 connection with any other person making an estimate for the same work, and that it is in all respects fair, and without collusion or fraud; and also, that no member of the Common Council, Head of a Department, Chief of a Bureau, Deputy thereof, or Clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or work to which it relates, or in any portion of the profits thereof; which estimate must be verified by the oath, in writing, of the party making the estimate, that the several matters stated therein are in all respects true. *Where more than one person is interested, it is requisite that the verification be made and subscribed to by all the parties interested.*

Each estimate shall be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person or persons making the estimate, they will, 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 in each class, by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of the contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety and otherwise; and that he has offered himself as surety in good faith, and with the intention to execute the bond required by law. The adequacy and sufficiency of the security offered 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 and retained by the City of New York as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

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

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

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

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

EDWIN A. POST,
JAMES MATTHEWS,
J. SERGEANT CRAM,
Commissioners of the Department of Docks.
Dated NEW YORK, June 24, 1889.

BOARD OF EDUCATION.

SEALED PROPOSALS WILL BE RECEIVED by the School Trustees of the Twelfth Ward, at the Hall of the Board of Education, No. 146 Grand street, until 9:30 o'clock A. M. on Wednesday, July 10, 1889, for Altering, etc., Primary School Building No. 23.

Plans and specifications may be seen, and blank proposals obtained, at the office of the Superintendent of School Buildings, No. 146 Grand street, third floor.

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

The parties submitting a proposal, must each write his name and place of residence on said proposal.

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

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

JOHN WHALEN, Chairman,
ANTONIO RASINES, Secretary,
Board of School Trustees, Twelfth Ward.
Dated NEW YORK, June 27, 1889.

SEALED PROPOSALS WILL BE RECEIVED by the School Trustees of the Twenty-second Ward, at the Hall of the Board of Education, No. 146 Grand street, until 9:30 o'clock A. M. on Tuesday, July 9, 1889, for making General Repairs, etc., at Grammar Schools Nos. 17, 28 and 31, and Primary School No. 41.

JAMES R. CUMING, Chairman,
RICHARD S. TREACY, Secretary,
School Trustees, Twenty-second Ward.

Sealed proposals will also be received by the School Trustees of the Twelfth Ward, at the same place, and until 4 o'clock P. M. on the same date, for a New Heating Apparatus for Grammar School Building No. 52.

JOHN WHALEN, Chairman,
ANTONIO RASINES, Secretary,
School Trustees, Twelfth Ward.

Plans and specifications may be seen, and blank proposals obtained, at the office of the Superintendent of School Buildings, No. 146 Grand street, third floor.

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

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

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

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

Dated NEW YORK, June 26, 1889.

JURORS.

NOTICE IN RELATION TO JURORS FOR STATE COURTS.

OFFICE OF THE COMMISSIONER OF JURORS,
ROOM 127, STEWART BUILDING,
CHAMBERS STREET AND BROADWAY,
NEW YORK, June 1, 1889.

APPLICATIONS FOR EXEMPTIONS WILL BE heard here, from 9 to 4 daily, from all persons hitherto liable or recently serving, who have become exempt, and all needed information will be given.

Those who have not answered as to their liability, or proved permanent exemption, will receive a "jury enrollment notice," requiring them to appear before me this year. Whether liable or not, such notices must be answered (in person, if possible, and at this office only, under severe penalties. If exempt, the party must bring proof of exemption; if liable, he must also answer in person, giving full and correct name, residence, etc., etc. No attention paid to letters.

Persons "enrolled" as liable must serve when called or pay their fines. No mere excuse will be allowed or interference permitted. The fines, if unpaid, will be entered as judgments upon the property of the delinquents. All good citizens will aid the course of justice, and secure reliable and respectable juries, and equalize their duty by serving promptly when summoned, allowing their clerks or subordinates to serve, reporting to me any attempt at bribery or evasion, and suggesting names for enrollment. Persons between sixty and seventy years of age, summer absentees, persons temporarily ill, and United States jurors are not exempt.

Every man must attend to his own notice. It is a misdemeanor to give any jury paper to another to answer. It is also punishable by fine or imprisonment to give or receive any present or bribe, directly or indirectly, in relation to a jury service, or to withhold any paper or make any false statement, and every case will be fully prosecuted.

CHARLES REILLY,
Commissioner of Jurors.

NOTICE OF COMMISSIONER OF JURORS IN REGARD TO CLAIMS FOR EX- EMPTION FROM JURY DUTY.

ROOM 127, STEWART BUILDING,
NO. 280 BROADWAY, THIRD FLOOR,
NEW YORK, June 1, 1889.

CLAIMS FOR EXEMPTION FROM JURY duty will be heard by me daily at my office, from 9 A. M. until 4 P. M.

Those entitled to exemption are: Clergymen, lawyers, physicians, surgeons, surgeon-dentists, professors or teachers in a college, academy or public school, licensed pharmacists or druggists, actually engaged in their respective professions and not following any other calling; militiamen, policemen, and firemen; election officers, jury non-residents, and city employees, and United States employees; officers of vessels making regular trips; licensed pilots, actually following that

calling; superintendents, conductors and engineers of a railroad company other than a street railroad company; telegraph operators actually doing duty as such; Grand, Sheriff's, and Civil Court jurors; stationary engineers; and persons physically incapable of performing jury duty by reason of severe sickness, deafness, or other physical disorder.

Those who have not answered as to their liability, or proved permanent exemption, will receive a "jury enrollment notice," requiring them to appear before me this year. Whether liable or not, such notices must be answered (in person, if possible, and at this office only, under severe penalties. If exempt, the party must bring proof of exemption; if liable, he must also answer in person, giving full and correct name, residence, etc., etc. No attention paid to letters.

Persons "enrolled" as liable must serve when called or pay their fines. No mere excuse will be allowed or interference permitted. The fines, if unpaid, will be entered as judgments upon the property of the delinquents.

All good citizens will aid the course of justice, and secure reliable and respectable juries, and equalize their duty by serving promptly when summoned, allowing their clerks or subordinates to serve, reporting to me any attempt at bribery or evasion, and suggesting names for enrollment. Persons between sixty and seventy years of age, summer absentees, persons temporarily ill, and United States jurors are not exempt.

Every man must attend to his own notice. It is a misdemeanor to give any jury paper to another to answer. It is also punishable by fine or imprisonment to give or receive any present or bribe, directly or indirectly, in relation to a jury service, or to withhold any paper or make any false statement, and every case will be fully prosecuted.

CHARLES REILLY,
Commissioner of Jurors.

FIRE DEPARTMENT.

HEADQUARTERS
FIRE DEPARTMENT, CITY OF NEW YORK,
157 AND 159 EAST SIXTY-SEVENTH STREET,
NEW YORK, June 18, 1889.

TO CONTRACTORS.

SEALED PROPOSALS FOR FURNISHING THE materials and labor, and doing the work required for constructing and erecting a building on the north side of West Ninety-ninth street between Ninth and Tenth avenues, for a Hospital and Training Stable for this Department, will be received by the Board of Commissioners at the head of the Fire Department, at the office of said Department, Nos. 157 and 159 East Sixty-seventh street, in the City of New York, until 10 o'clock A. M. Wednesday, July 3, 1889, at which time and place they will be publicly opened by the head of said Department and read.

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

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

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

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

The work is to be completed and delivered within one hundred and fifty (150) days after the execution of the contract.

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 twenty (20) dollars.

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

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

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

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

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders of the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, upon its being so awarded, become bound as sureties for its faithful performance in the sum of thirteen thousand (\$13,000) dollars; and that if he shall omit or refuse to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled on its completion and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting; the amount in each case to be calculated upon the estimated amount of the work, by which the bids are tested.

The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of this contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety, or otherwise; and that he has offered himself as a surety in good faith and with the intention to execute the bond required by law. The adequacy and sufficiency of the security offered is to be approved by the Comptroller of the City of New York before the award is made and prior to the signing of the contract.

No estimate will be 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 six hundred and fifty (650) 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 and retained by the City of New York as liquidated damages for such neglect or refusal, but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

Should the person or persons to whom the contract may be awarded neglect or refuse to accept the contract within five days after written notice that the same has been awarded to him or their bid or proposal, or if he or

they accept but do not execute the contract and give the proper security, he or they shall be considered as having abandoned it and as in default to the Corporation, and the contract will be readvertised and relet as provided by law.

S. HOWLAND ROBBINS,
ANTHONY EICKHOFF,
Commissioners.

HEADQUARTERS
FIRE DEPARTMENT, CITY OF NEW YORK,
157 AND 159 EAST SIXTY-SEVENTH STREET,
NEW YORK, June 18, 1889.

TO CONTRACTORS.

SEALED PROPOSALS FOR FURNISHING THE materials and labor, and doing the work required for constructing and erecting a building on the south side of West One Hundred and Thirtieth street, 60 feet west of Tenth avenue, for an engine company in this Department, will be received by the Board of Commissioners at the head of the Fire Department, at the office of said Department, Nos. 157 and 159 East Sixty-seventh street, in the City of New York, until 10 o'clock A. M. Wednesday, July 3, 1889, at which time and place they will be publicly opened by the head of said Department and read.

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

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

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

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

The work is to be completed and delivered within one hundred and fifty (150) days after the execution of the contract.

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 twenty (20) dollars.

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

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

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

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

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders of the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, upon its being so awarded, become bound as sureties for its faithful performance, in the sum of ten thousand (\$10,000) dollars; and that if he shall omit or refuse to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled on its completion, and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting; the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of this contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety, or otherwise; and that he has offered himself as a surety in good faith and with the intention to execute the bond required by law. The adequacy and sufficiency of the security offered is to be approved by the Comptroller of the City of New York before the award is made and prior to the signing of the contract.

No estimate will be 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 five hundred (500) 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 and retained by the City of New York as liquidated damages for such neglect or refusal, but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

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

S. HOWLAND ROBBINS,
ANTHONY EICKHOFF,
Commissioners.

HEADQUARTERS
FIRE DEPARTMENT, CITY OF NEW YORK,
157 AND 159 EAST SIXTY-SEVENTH STREET,
NEW YORK, June 18, 1889.

TO CONTRACTORS.

SEALED PROPOSALS FOR FURNISHING THE materials and labor, and doing the work required for constructing and erecting a building at No. 432 West Thirty-sixth street, for a Hook and Ladder Company for this Department, will be received by the Board of Commissioners at the head of the Fire Department, at the office of said Department, Nos. 157 and 159 East Sixty-seventh street, in the City of New York, until 10 o'clock A. M. Wednesday, July 3, 1889, at which time and place they will be publicly opened by the head of said Department and read.

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

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

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

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

The work is to be completed and delivered within one hundred and fifty (150) days after the execution of the contract.

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 twenty (20) dollars.

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

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

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

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

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders of the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as sureties for its faithful performance in the sum of nine thousand (\$9,000) dollars; and that if he shall omit or refuse to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled on its completion, and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting; the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of this contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety or otherwise; and that he has offered himself as a surety in good faith and with the intention to execute the bond required by law. The adequacy and sufficiency of the security offered is to be approved by the Comptroller of the City of New York before the award is made and prior to the signing of the contract.

No estimate will be 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 four hundred and fifty (\$450) 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 and retained by the City of New York, as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

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

S. HOWLAND ROBBINS,
ANTHONY EICKHOFF,
Commissioners.

DEPARTMENT OF STREET CLEANING.

NOTICE.

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

J. S. COLEMAN,
Commissioner of Street Cleaning

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION,
No. 66 THIRD AVENUE,
NEW YORK, July 2, 1889.

THE UNDERSIGNED WILL SELL AT PUBLIC auction, for account of the Commissioners of Public Charities and Correction, at their office, No. 66 Third Avenue, on Monday, July 15, 1889, at 11 o'clock A. M., the following, viz:

35,000 pounds Mixed Rags, more or less.
65,000 pounds Mixed Iron, more or less.
500 pounds Old Brass, more or less.
85 Iron-bound Barrels, more or less.
150 Syrup Barrels, more or less.
25,000 pounds Grease, more or less.

—to be delivered at the foot of East Twenty-sixth street, and to be paid for as follows:

Twenty-five per cent. of estimated value to be paid on day of sale, and the remainder on delivery.

R. E. CLEARY,
Storekeeper.

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

TO CONTRACTORS.

PROPOSALS FOR GROCERIES, CROCKERY, DRY GOODS, LUMBER, ETC.

SEALED BIDS OR ESTIMATES FOR FURNISHING

GROCERIES, ETC.

4,000 pounds Dairy Butter, sample on exhibition Thursday, July 11, 1889.
2,000 pounds Cheese.
2,000 pounds Evaporated Apples.
4,000 pounds Barley, price to include packages.

2,000 pounds Maracaibo Coffee, roasted.
3,000 pounds Rio Coffee roasted.
2,000 pounds Wheaten Grits, price to include packages.
8,000 pounds Rice.
2,500 pounds Coffee Sugar.
15,000 pounds Brown Sugar.
1,500 pounds Corn Loaf Sugar.
500 pounds Corn Starch, one pound packages.
1,200 pounds Laundry Starch, 40-pound boxes.
500 pounds Whole Pepper sifted.
100 barrels Crackers.
4,220 dozen Fresh Eggs.
20 dozen Worcestershire Sauce.
1,000 bushels Oats, 32 pounds net per bushel.
60 bags Coarse Meal, 100 pounds net each.
595 barrels good sound White Potatoes, to weigh 172 pounds net per barrel.
50 barrels prime Red or Yellow Onions, 150 pounds net per barrel.
100 barrels prime Carrots, 130 pounds net per barrel.
100 barrels prime Russia Turnips, 135 pounds net per barrel.
1,600 heads prime good-sized Cabbage, to be delivered in crates or barrels.
60 pieces prime quality City Cured Bacon, to average about 6 pounds each.
50 prime quality City Cured Smoked Hams, to average about 14 pounds each.
25 prime quality City Cured Smoked Tongues, to average about 6 pounds each.
10 tubs prime quality kettle rendered Leaf Lard, 50 pounds each.
30 barrels first quality Sal Soda, about 340 pounds per barrel.
15 barrels Standard White Kerosene Oil, 150° test.

CROCKERY, DRY-GOODS, ETC.

3 gross Tumblers.
3 gross Saucers.
200 packs Pins.
100 pieces Crinoline.

HARDWARE, TIN, ETC.

1 dozen Handled Axes.
50 dozen Tin Dinner Plates.
25 gross Table Spoons.
10 gross Tea Spoons.
54 boxes first quality I. C. Roofing Tin, 14 x 20.
450 pounds first quality Solder.
50 dozen Cotton Mops.
12 dozen Window Brushes.
12 dozen Sash Tools, 6s and 8s.
200 sides first quality Waxed Upper Leather, to average about 17 feet.

LUMBER.

100 pieces first quality Spruce Plank, 1 1/4".
2,000 square feet first quality merchantable White Pine Shelving, 3/4" x 14", dressed two sides.
1,000 feet, first quality White Pine Flooring Boards, 1" x 6", tongued and grooved, dressed one side.
150 feet, first quality clear Shelving, 3/4" x 8", dressed two sides.
150 feet, first quality clear Shelving, 3/4" x 10", dressed two sides.
150 feet, first quality clear Shelving, 3/4" x 12", dressed two sides.
150 feet, first quality clear Shelving, 3/4" x 15", dressed two sides.
150 feet, first quality clear Georgia Yellow Pine, 3/4" x 8", dressed two sides.
150 feet, first quality clear Georgia Yellow Pine, 3/4" x 14", dressed two sides.
25 feet, first quality clear Georgia Yellow Pine, 1 1/4" x 10", dressed two sides.
25 feet, first quality clear Georgia Yellow Pine, 1 1/4" x 12", dressed two sides.

All lumber to be delivered at Blackwell's Island.

—will be received at the office of the Department of Public Charities and Correction, in the City of New York, until 9.30 o'clock A. M. of Friday, July 12, 1889. The person or persons making any bid or estimate shall furnish the same in a sealed envelope, indorsed "Bid or Estimate for Groceries, Crockery, Dry Goods, Lumber, etc.," with his or their name or names, and the date of presentation, to the head of said Department, at the said office, on or before the day and hour above named, at which time and place the bids or estimates received will be publicly opened by the President of said Department and read.

THE BOARD OF PUBLIC CHARITIES AND CORRECTION 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 1882.

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

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

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

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

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

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as his sureties for its faithful performance; and that if he shall omit or refuse to execute the same, they 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 State or National banks of the City of New York, drawn to the order of the Comptroller, or money, to the amount of five per centum of the amount of the security required for the faithful performance of the contract. Such check or money must not be inclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited and retained by the City of New York, as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

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

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

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

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

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

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

Dated New York, June 29, 1889.

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

TO CONTRACTORS.

PROPOSALS FOR MATERIALS AND WORK REQUIRED FOR THE LAUNDRY AND KITCHEN PLANT, PLUMBING AND STEAM HEATING, ETC., IN THE ADDITION TO THE WORKHOUSE, BLACKWELL'S ISLAND, TO BE USED AS DINING-ROOM, KITCHEN AND WASH-HOUSE.

SEALED BIDS OR ESTIMATES FOR THE aforesaid work and materials, in accordance with the specifications and plans, will be received at the office of the Department of Public Charities and Correction, No. 66 Third Avenue, in the City of New York, until 9.30 o'clock A. M. of Friday, July 12, 1889. The person or persons making any bid or estimate shall furnish the same in a sealed envelope, indorsed "Bid or Estimate for Laundry and Kitchen Plant, Workhouse, Blackwell's Island," and with his or their name or names, and the date of presentation, to the head of said Department, at the said office, on or before the day and hour above named, at which time and place the bids or estimates received will be publicly opened by the President of said Department and read.

THE BOARD OF PUBLIC CHARITIES AND CORRECTION 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 1882.

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

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

Any bidder for this contract must be known to be engaged in and well prepared for the business, and must have satisfactory testimonials to that effect; and the person or persons to whom the contract may be awarded will be required to give security for the performance of the contract by his or their bond, with two sufficient sureties, each in the penal amount of FIVE THOUSAND (\$5,000) DOLLARS.

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

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as his 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, 1880, if the contract shall be awarded to the person or persons for whom he consents to become surety. The adequacy and sufficiency of this security shall, in addition to the justification and acknowledgment, be approved by the Comptroller of the City of New York.

No bid or estimate will be received or considered unless accompanied by either a certified check upon one of the State or National banks of the City of New York,

drawn to the order of the Comptroller, or money, to the amount of five per centum of the amount of the security required for the faithful performance of the contract. Such check or money must 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 and retained by the City of New York, as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

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

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

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

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

Dated New York, June 29, 1889.

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

TO CONTRACTORS.

FOR MATERIALS AND WORKMANSHIP REQUIRED FOR COVERING WITH TIN MANSARD ROOF, AND REPAIRING AND REPAINTING ALL OF THE EXTERIOR OF THE DEPARTMENT BUILDING, THIRD AVENUE AND ELEVENTH STREET, NEW YORK CITY.

SEALED BIDS OR ESTIMATES FOR THE aforesaid work and materials, in accordance with the specifications and plans, will be received at the office of the Department of Public Charities and Correction, No. 66 Third Avenue, in the City of New York, until 9.30 o'clock A. M. Wednesday, July 10, 1889. The person or persons making any bid or estimate shall furnish the same in a sealed envelope, indorsed, "Bid or Estimate for covering roof with Tin, Painting, etc., Building, Third Avenue and Eleventh street," and with his or their name or names, and the date of presentation, to the head of said Department, at the said office, on or before the day and hour above named, at which time and place the bids or estimates received will be publicly opened by the President of said Department and read.

THE BOARD OF PUBLIC CHARITIES AND CORRECTION 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 1882.

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

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

Any bidder for this contract must be known to be engaged in and well prepared for the business, and must have satisfactory testimonials to that effect, and the person or persons to whom the contract may be awarded will be required to give security for the performance of the contract by his or their bond, with two sufficient sureties, each in the penal amount of ONE THOUSAND (\$1,000) DOLLARS.

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

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as his sureties for its faithful performance; and that if he shall omit or refuse to execute the same, they shall pay to the Corporation any difference between the sum to which he would be entitled on its completion, and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting; the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of this contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety or otherwise; and that he has offered himself as a surety in good faith and with the intention to execute the bond required by section 12 of chapter 7 of the Revised Ordinances of the City of New York, 1880, if the contract shall be awarded to the person or persons for whom he consents to become surety. The adequacy and sufficiency of this security shall, in addition to the justification and acknowledgment, be approved by the Comptroller of the City of New York.

No bid or estimate will be received or considered unless accompanied by either a certified check upon one of the State or National Banks of the City of New York, drawn to the order of the Comptroller, or money to the amount of five per centum of the amount of the security required for the faithful performance of the contract. Such check or money must 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 estimates can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited and retained by the City of New York, as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

In the matter of the application of the Board of Education by the Counsel to the Corporation of the City of New York, relative to acquiring title by the Mayor, Aldermen and Commonalty of the City of New York, to certain lands in the block bounded by First and Second streets and First and Second avenues, in the Seventeenth Ward of said city, duly selected and approved by said Board as a site for school purposes, under and in pursuance of the provisions of chapter 191 of the Laws of 1888.

WE, THE UNDERSIGNED, COMMISSIONERS of Estimate in the above-entitled matter, appointed pursuant to the provisions of chapter 191 of the Laws of 1888, hereby give notice to the owner or owners, lessee or lessees, parties and persons, respectively entitled to or interested in the lands, tenements, hereditaments and premises, title to which is sought to be acquired in this proceeding, and to all others whom it may concern, to wit:

First—That we have completed our estimate of the loss and damage to the respective owners, lessees, parties and persons interested in the lands or premises affected by this proceeding, or having any interest therein, and have filed a true report or transcript of such estimate in the office of the Board of Education for the inspection of whomsoever it may concern.

Second—That all parties or persons whose rights may be affected by the said estimate and who may object to the same or any part thereof, may within thirty days after the first publication of this notice file their objections to such estimate in writing with us at our office, Room No. 17, on the second floor of No. 45 William street, in the said city, as provided by section 4 of chapter 191 of the Laws of 1888, and that we, the said Commissioners, will hear parties so objecting at our said office on the 22d day of August, 1889, at 2 o'clock P. M., and upon such subsequent days as may be found necessary.

Third—That our report herein will be presented to the Supreme Court of the State of New York at a Special Term thereof, to be held at Chambers in the County Court-house in the City of New York, on the 5th day of September, 1889, at the opening of the Court on that day, and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Dated New York, June 22, 1889.

GEORGE F. LANGBEIN,
HORATIO HENRIQUES,
MICHAEL J. MULQUEEN,
Commissioners.

LAMONT McLOUGHLIN, Clerk.

In the matter of the application of the Board of Education by the Counsel to the Corporation of the City of New York, relative to acquiring title by the Mayor, Aldermen and Commonalty of the City of New York, to certain lands at the northwest corner of Ninety-third street and Tenth avenue, in the Twelfth Ward of said city, duly selected and approved by said Board as a site for school purposes, under and in pursuance of the provisions of chapter 191 of the Laws of 1888.

WE, THE UNDERSIGNED, COMMISSIONERS of Estimate in the above-entitled matter, appointed pursuant to the provisions of chapter 191 of the Laws of 1888, hereby give notice to the owner or owners, lessee or lessees, parties and persons, respectively entitled to or interested in the lands, tenements, hereditaments and premises, title to which is sought to be acquired in this proceeding, and to all others whom it may concern, to wit:

First—That we have completed our estimate of the loss and damage to the respective owners, lessees, parties and persons interested in the lands or premises affected by this proceeding, or having any interest therein, and have filed a true report or transcript of such estimate in the office of the Board of Education for the inspection of whomsoever it may concern.

Second—That all parties or persons whose rights may be affected by the said estimate and who may object to the same or any part thereof, may within thirty days after the first publication of this notice, file their objections to such estimate in writing with us at our office, Room No. 17, on the second floor of No. 45 William street, in the said city, as provided by section 4 of chapter 191 of the Laws of 1888, and that we, the said Commissioners, will hear parties so objecting at our said office on the twenty-second day of July, 1889, at 2 o'clock P. M., and upon such subsequent days as may be found necessary.

Third—That our report herein will be presented to the Supreme Court of the State of New York at a Special Term thereof, to be held at Chambers in the County Court-house in the City of New York, on the 25th day of July, 1889, at the opening of the Court on that day, and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Dated New York, June 12, 1889.

GILBERT M. SPEIR, JR.,
DENIS A. SPELLISSY,
CHARLES M. CLANCY,
Commissioners.

LAMONT McLOUGHLIN, Clerk.

In the matter of the application of the Board of Education by the Counsel to the Corporation of the City of New York, relative to acquiring title by the Mayor, Aldermen and Commonalty of the City of New York, to certain lands on the northerly side of Fourth street, near First avenue, in the Seventeenth Ward of said city, duly selected and approved by said Board as a site for school purposes, under and in pursuance of the provisions of chapter 191 of the Laws of 1888.

WE, THE UNDERSIGNED, COMMISSIONERS of Estimate in the above-entitled matter, appointed pursuant to the provisions of chapter 191 of the Laws of 1888, hereby give notice to the owner or owners, lessee or lessees, parties and persons, respectively entitled to or interested in the lands, tenements, hereditaments and premises, title to which is sought to be acquired in this proceeding, and to all others whom it may concern, to wit:

First—That we have completed our estimate of the loss and damage to the respective owners, lessees, parties and persons interested in the lands or premises affected by this proceeding, or having any interest therein, and have filed a true report or transcript of such estimate in the office of the Board of Education for the inspection of whomsoever it may concern.

Second—That all parties or persons whose rights may be affected by the said estimate and who may object to the same or any part thereof, may within thirty days after the first publication of this notice, file their objections to such estimate in writing with us at our office, Room No. 17, on the second floor of No. 45 William street, in the said city, as provided by section 4 of chapter 191 of the Laws of 1888, and that we, the said Commissioners, will hear parties so objecting at our said office on the 8th day of July, 1889, at 2 o'clock P. M., and upon such subsequent days as may be found necessary.

Third—That our report herein will be presented to the Supreme Court of the State of New York at a special term thereof, to be held at Chambers in the County Court-house in the City of New York, on the 18th day of July, 1889, at the opening of the Court on that day, and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Dated New York, May 27, 1889.

GEORGE F. LANGBEIN,
HORATIO HENRIQUES,
MICHAEL J. MULQUEEN,
Commissioners.

LAMONT McLOUGHLIN, Clerk.

In the matter of the application of the Department of Public Works, for and on behalf of the Mayor, Aldermen and Commonalty of the City of New York, relative to the opening of ONE HUNDRED AND SIXTIETH STREET, between Kingsbridge road and Eleventh avenue.

WE, THE UNDERSIGNED, COMMISSIONERS of Estimate and Assessment in the above-entitled matter, hereby give notice to all persons interested in this proceeding or in any of the lands affected thereby, and to all others whom it may concern:

That it is our intention to present our supplemental or amended report herein to the Supreme Court of the State of New York for confirmation, at a Special Term thereof, to be held at the Chambers thereof in the County Court-house, in the City Hall in the City of New York, on the 3d day of July, 1889, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon; that an abstract of our amended estimate and assessment, together with our maps and all the affidavits, estimates and other documents used by us in making our supplemental or amended report, have been deposited in the office of the Department of Public Works in the City of New York, there to remain until the 20th day of June, 1889; that all persons interested in this proceeding or in any of the lands affected thereby and who may be opposed to the same do present their objections in writing, duly verified, to us at our office, No. 200 Broadway (fifth floor), in the said city, on or before the 20th day of June, 1889, and that we, the said Commissioners, will hear parties so objecting within the ten week days next after the said 20th day of June, 1889, and for that purpose will be in attendance at our said office on each of said ten days at 4 o'clock P. M.; that the said area assessed for benefit in this proceeding has been extended by us so as to embrace, in addition to the land heretofore assessed, all the land included within the following described limits:

First—Beginning at a point the northeasterly corner of One Hundred and Sixtieth street and Kingsbridge road, running thence easterly along the northerly line of One Hundred and Sixtieth street, distance 90 feet; thence northerly, distance 55 feet 3 3/4 inches; thence westerly and parallel with One Hundred and Sixtieth street, distance 55 feet 1 1/2 inches, to the easterly line of Kingsbridge road; thence southerly along said line, distance 55 feet 8 3/4 inches, to the point or place of beginning.

Second—Beginning at a point the southeasterly corner of One Hundred and Sixtieth street and Kingsbridge road, running thence easterly along the southerly line of One Hundred and Sixtieth street, distance 120 feet 4 1/2 inches; thence southerly and at right angles to One Hundred and Sixtieth street, distance 100 feet; thence westerly and parallel with One Hundred and Sixtieth street, distance 93 feet 8 1/2 inches, to the easterly line of Kingsbridge road; thence northerly along said line, distance 101 feet 8 1/2 inches, to the point or place of beginning, as such area is shown upon our benefit map deposited as aforesaid.

JOHN WHALEN,
J. DANA JONES,
EDWARD HOGAN,
Commissioners.

Dated New York, May 10, 1889.

In the matter of the application of the Board of Education by the Counsel to the Corporation of the City of New York, relative to acquiring title by the Mayor, Aldermen and Commonalty of the City of New York, to certain lands at the northeast corner of Mulberry and Bayard streets, in the Sixth Ward of said city, duly selected and approved by said Board as a site for school purposes, under and in pursuance of the provisions of chapter 191 of the Laws of 1888.

WE, THE UNDERSIGNED, COMMISSIONERS of Estimate in the above-entitled matter, appointed pursuant to the provisions of chapter 191 of the Laws of 1888, hereby give notice to the owner or owners, lessee or lessees, parties and persons, respectively entitled to or interested in the lands, tenements, hereditaments and premises, title to which is sought to be acquired in this proceeding, and to all others whom it may concern, to wit:

First—That we have completed our estimate of the loss and damage to the respective owners, lessees, parties and persons interested in the lands or premises affected by this proceeding, or having any interest therein, and have filed a true report or transcript of such estimate in the office of the Board of Education for the inspection of whomsoever it may concern.

Second—That all parties or persons whose rights may be affected by the said estimate and who may object to the same or any part thereof, may within thirty days after the first publication of this notice file their objections to such estimate in writing with us at our office, Room No. 17, on the second floor of No. 45 William street, in the said city, as provided by section 4 of chapter 191 of the Laws of 1888, and that we, the said Commissioners, will hear parties so objecting at our said office on the 17th day of July, 1889, at 2 o'clock P. M., and upon such subsequent days as may be found necessary.

Third—That our report herein will be presented to the Supreme Court of the State of New York at a special term thereof, to be held at Chambers in the County Court-house in the City of New York, on the 25th day of July, 1889, at the opening of the Court on that day, and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Dated New York, June 11, 1889.

JOHN E. WARD,
WINTHROP PARKER,
JAMES H. WOOD,
Commissioners.

LAMONT McLOUGHLIN, Clerk.

CORPORATION NOTICE.

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

List 3020, No. 1. Sewers in Seventy-second street, between Hudson river and Eleventh avenue, with branch in Riverside avenue, between Seventy-second and Seventy-sixth streets.

List 3021, No. 2. Sewer and appurtenances in One Hundred and Thirty-eighth street, between St. Ann's and Trinity avenues.

List 3022, No. 3. Sewer in Seventy-seventh street, between Riverside and West End avenues.

List 3023, No. 4. Sewer in Eighty-eighth street, between West End avenue and Boulevard.

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

No. 1. Both sides of Seventy-second street, from Hudson river to Eleventh avenue; east side of Riverside avenue, from Seventy-second to Seventy-sixth street; both sides of Seventy-third, Seventy-fourth, Seventy-fifth and south side of Seventy-sixth streets, from Riverside to Eleventh avenue, and west side of Eleventh avenue, from Seventy-fifth to Seventy-sixth street.

No. 2. Both sides of One Hundred and Thirty-eighth street, from St. Ann's to Trinity avenue.

No. 3. Both sides of Seventy-seventh street, from Riverside to West End avenue.

No. 4. Both sides of Eighty-eighth street, from West End avenue to the Boulevard.

All persons whose interests are affected by the above-named assessments, and who are opposed to the same, or either of them, are requested to present their objections in writing to the Chairman of the Board of Assessors, at their office, No. 27 Chambers street, within thirty days from the date of this notice.

The above-described lists will be transmitted, as provided by law, to the Board of Revision and Correction of Assessments for confirmation on the 3d day of August, 1889.

EDWARD GILON, Chairman,
PATRICK M. HAVERTY,
CHARLES E. WENDT,
EDWARD CAHILL,
Board of Assessors.

OFFICE OF THE BOARD OF ASSESSORS,
No. 27 CHAMBERS STREET,
NEW YORK, July 2, 1889.

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

List 2999, No. 1. Laying a crosswalk across the Boulevard, at the northerly side of Eighty-fourth street.

List 3009, No. 2. Laying a crosswalk across Avenue A, at the southerly side of Eightieth street.

List 3012, No. 3. Laying a crosswalk across the Western Boulevard, at the northerly side of Eighty-second street.

List 3013, No. 4. Laying crosswalks across Seventh avenue, at the northerly and southerly sides of One Hundred and Twenty-second street.

List 3014, No. 5. Laying crosswalks across Pleasant avenue, at the northerly and southerly sides of One Hundred and Twenty-first street.

List 3015, No. 6. Laying a crosswalk across the Western Boulevard, at the southerly side of Seventy-fifth street.

List 3016, No. 7. Laying a crosswalk across the Western Boulevard, at the southerly side of Seventy-ninth street.

List 3017, No. 8. Laying a crosswalk across the Western Boulevard, at the northerly side of Eighty-third street.

List 3019, No. 9. Laying crosswalks across the Western Boulevard, at the northerly and southerly sides of One Hundred and Twenty-ninth street.

List 3031, No. 10. Sewer in Lexington avenue, between Seventy-fourth and Seventy-fifth streets.

List 3033, No. 11. Extension of sewer in Ninetieth street, between Ninth and Tenth avenues, from end of present sewer.

List 3037, No. 12. Laying crosswalks across Pleasant avenue, at the northerly and southerly sides of One Hundred and Twenty-second street.

List 3040, No. 13. Laying a crosswalk across One Hundred and Twenty-fourth street, at the easterly side of Seventh avenue.

List 3041, No. 14. Fencing vacant lots on the south side of Seventy-seventh street, between Madison and Park avenues.

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

No. 1. To the extent of half the block from the northerly side of Eighty-fourth street and the Boulevard.

No. 2. To the extent of half the block from the southerly side of Eightieth street and Avenue A.

No. 3. To the extent of half the block from the northerly side of Eighty-second street and the Boulevard.

No. 4. To the extent of half the block from the northerly and southerly sides of One Hundred and Twenty-second street and Seventh avenue.

No. 5. To the extent of half the block from the northerly and southerly sides of One Hundred and Twenty-first street and Pleasant avenue.

No. 6. To the extent of half the block from the southerly side of Seventy-fifth street and Western Boulevard.

No. 7. To the extent of half the block, from the southerly side of Seventy-ninth street and the Western Boulevard.

No. 8. To the extent of half the block, from the northerly side of Eighty-third street and the Western Boulevard.

No. 9. To the extent of half the block, from the northerly and southerly sides of One Hundred and Twenty-ninth street and the Western Boulevard.

No. 10. Both sides of Lexington avenue, from Seventy-fourth to Seventy-fifth street.

No. 11. South side of Ninetieth street, extending westerly from Ninth avenue about 150 feet.

No. 12. To the extent of half the block, from the northerly and southerly sides of One Hundred and Twenty-second street and Pleasant avenue.

No. 13. To the extent of half the block, from the easterly side of Seventh avenue and One Hundred and Twenty-fourth street.

No. 14. South side of Seventy-seventh street, commencing about 81 feet westerly from Park avenue and extending westerly about 75 feet.

All persons whose interests are affected by the above-named assessments, and who are opposed to the same, or either of them, are requested to present their objections in writing to the Chairman of the Board of Assessors, at their office, No. 27 Chambers street, within thirty days from the date of this notice.

The above-described lists will be transmitted, as provided by law, to the Board of Revision and Correction of Assessments for confirmation, on the 26th day of July, 1889.

EDWARD GILON, Chairman,
PATRICK M. HAVERTY,
CHAS. E. WENDT,
EDWARD CAHILL,
Board of Assessors.

OFFICE OF THE BOARD OF ASSESSORS,
No. 27 CHAMBERS STREET,
NEW YORK, June 25, 1889.

DEPARTMENT OF TAXES AND ASSESSMENTS.

DEPARTMENT OF TAXES AND ASSESSMENTS,
COMMISSIONER'S OFFICE,
NEW YORK, July 1, 1889.

PUBLIC NOTICE IS HEREBY GIVEN BY THE Commissioners of Taxes and Assessments that the assessment rolls of real and personal estate in said city, for the year 1889, have been finally completed and have been delivered to the Board of Aldermen of said city, and that such assessment rolls will remain open to public inspection, in the office of the Clerk of said Board of Aldermen, for a period of fifteen days from the date of this notice.

MICHAEL COLEMAN,
THOMAS L. FEITNER,
EDWARD L. PARRIS,
Commissioners of Taxes and Assessments.

FINANCE DEPARTMENT.

ESSEX MARKET CELLARS SALE AT PUBLIC AUCTION.

LEASES OF MARKET CELLARS AT ESSEX Market will be sold at Public Auction to the highest bidder, for the term of four years and nine months, from the first day of August, 1889, at the office of the Comptroller of the City, Stewart Building, No. 280 Broadway, at 12 o'clock, noon, on Thursday, July 11, 1889, as follows:

Cellars, Essex Market Building, Nos. 1 to 10, inclusive.

TERMS AND CONDITIONS OF SALE. The highest bidder will be required to pay the auctioneer's fee, and deposit with the Comptroller at the time and place of sale, twenty-five per cent. of the amount of the annual rent bid, to be credited on account of the first quarter's rent, or forfeited to the City if the bidder refuses to execute the lease when notified that it is ready for execution. He will also be required to give a bond in double the amount of the annual rent bid, with two sufficient sureties, to be approved by the Comptroller, conditioned for the payment of the rent, quarterly in advance, and for the performance and fulfillment of the covenants and terms of the lease.

No bid will be accepted from, nor will the lease be 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, nor will any such person be received as surety on the lease.

No alterations shall be made in the premises, except with the consent of the Comptroller, and all alterations and repairs made are to be made at the expense of the lessee. The lease will be in the usual form of leases of like property, a copy of which may be seen at the Bureau for the Collection of City Revenue and of Markets, Finance Department (Room No. 1, Stewart Building, corner of Chambers street and Broadway).

Each lease will contain, in addition to other terms, a covenant or condition that the lease shall be annulled and the term ended whenever the Board of Commissioners of the Sinking Fund shall resolve that the premises are required for the use of the Corporation or any department, board or officer thereof, and the Comptroller shall give to the lessee or his agent ninety days' notice of the adoption of such resolution.

The right to reject any bid is reserved.
By direction of the Commissioners of the Sinking Fund.

THEO. W. MYERS,
Comptroller.

CITY OF NEW YORK—FINANCE DEPARTMENT,
COMPTROLLER'S OFFICE, July 1, 1889.

CITY OF NEW YORK,
FINANCE DEPARTMENT,
COMPTROLLER'S OFFICE,
June 25, 1889.

NOTICE TO PROPERTY-OWNERS

IN PURSUANCE OF SECTION 997 OF THE "New York City Consolidation Act of 1882," the Comptroller of the City of New York hereby gives public notice to all persons, owners of property affected by the assessment list for the widening of Fifth avenue, between One Hundred and Ninth and One Hundred and Tenth streets, and 100 feet north of One Hundred and Tenth street, which was confirmed by the Supreme Court March 7, 1889, and entered on the 13th day of June, 1889, in the Record of Titles of Assessments, kept in the "Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents," that unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessment, interest will be collected thereon, as provided in section 998 of said "New York City Consolidation Act of 1882."

Section 998 of the said act provides that, "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment, to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated from the date of such entry to the date of payment."

The above assessment is payable to the Collector of Assessments and Clerk of Arrears, at the "Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents," Room 31, Stewart Building, between the hours of 9 A. M. and 2 P. M., and all payments made thereon, on or before August 19, 1889, will be exempt from interest as above provided, and after that date will be subject to a charge of interest at the rate of seven per cent. per annum from the date of entry in the Record of Titles of Assessments in said Bureau to the date of payment.

THEODORE W. MYERS,
Comptroller.

REAL ESTATE RECORDS.

THE ATTENTION OF LAWYERS, REAL Estate Owners, Monetary Institutions engaged in making loans upon real estate, and all who are interested in providing themselves with facilities for reducing the cost of examinations and searches, is invited to these Official Indices of Records, containing all recorded transfers of real estate in the City of New York from 1653 to 1887, prepared under the direction of the Commissioners of Records.

Grants, grantees, suits in equity, insolvents' and Sheriff's sales in 61 volumes, full bound, price \$100 00
The same in 25 volumes, half bound 50 00
Complete sets, folded, ready for binding 15 00
Records of Judgments, 25 volumes, bound 10 00
Orders should be addressed to "Mr. Stephen Angell, Room 23, Stewart Building."

THEODORE W. MYERS,
Comptroller.

DEPARTMENT OF PUBLIC WORKS.

DEPARTMENT OF PUBLIC WORKS,
COMMISSIONER'S OFFICE,
ROOM 6, NO. 31 CHAMBERS ST.,
NEW YORK, June 27, 1889.

TO CONTRACTORS.

BIDS OR ESTIMATES, INCLOSED IN A SEALED envelope, with the title of the work and the name of the bidder indorsed thereon, also the number of the work as in the advertisement, will be received at this office until 12 o'clock M. Friday, July 13, 1889, at which place and hour they will be publicly opened by the head of the Department.

No. 1. FOR SEWER IN NINETY-SECOND STREET, between West End avenue and Boulevard.

No. 2. FOR SEWER IN NINETY-SIXTH STREET, between Eighth avenue and summit west of Eighth avenue, WITH ALTERNATION AND IMPROVEMENT TO CURVE AT NINETY-SIXTH STREET AND EIGHTH AVENUE.

No. 3. FOR SEWER IN ONE HUNDRED AND SECOND STREET, between Harlem river and First avenue.

No. 4. FOR SEWER IN ONE HUNDRED AND SEVENTH STREET, between Manhattan and Eighth avenues.

No. 5. FOR SEWER IN ONE HUNDRED AND FORTIETH STREET, between Boulevard and Hamilton place.

No. 6. FOR REGULATING AND GRADING ONE HUNDRED AND FORTY-SEVENTH STREET, from the Boulevard westerly a distance of 500 feet, and SETTING CURBSTONES AND FLAGGING SIDEWALKS THEREIN.

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

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

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

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

THE COMMISSIONER OF PUBLIC WORKS RESERVES THE RIGHT TO REJECT ALL BIDS RECEIVED FOR ANY PARTICULAR WORK IF HE DEEMS IT FOR THE BEST INTERESTS OF THE CITY.

Blank forms of bid or estimate, the proper envelopes in which to inclose the same, the specifications and agreements, and any further information desired, can be obtained at Room 5 and 9, No. 31 Chambers street.

THOMAS F. GILROY,
Commissioner of Public Works.

DEPARTMENT OF PUBLIC WORKS,
COMMISSIONER'S OFFICE,
ROOM 6, NO. 31 CHAMBERS STREET,
NEW YORK, June 24, 1889.

TO CONTRACTORS.

BIDS OR ESTIMATES, INCLOSED IN A sealed envelope, with the title of the work and the name of the bidder indorsed thereon, also the number of the work as in the advertisement, will be received at this office until 12 o'clock M. Tuesday, July 9, 1889, at which place and hour they will be publicly opened by the head of the Department.

No. 1. FOR SEWER IN FRONT STREET, between Fletcher street and Burling Slip.

No. 2. FOR SEWER IN FRONT STREET, between Dover street and Peck Slip.

No. 3. FOR SEWER IN SIXTY-FIFTH STREET, between Avenue A and First avenue, with alteration and improvement to curve at Sixty-fifth street and Avenue A.

No. 4. FOR SEWER IN NINETY-FOURTH STREET, between First and Second avenues.

No. 5. FOR ALTERATION AND IMPROVEMENT TO SEWER IN ONE HUNDRED AND TWENTY-NINTH STREET, between Boulevard and second manhole east of Broadway.

No. 6. FOR SEWER IN ONE HUNDRED AND FIFTY-THIRD STREET, between Tenth avenue and summit west of Tenth avenue, with alteration and improvement to curve at One Hundred and Fifty-third street and Tenth avenue.

No. 7. FOR SEWERS IN WEST STREET, between Jay and Desbrosses streets, connecting with sewer to be constructed by the Department of Docks through Pier No. 39; also between Canal and Desbrosses streets, with alteration and improvement to existing sewers in Watts, Desbrosses, Vestry, Hubert, Beach, North Moore, Franklin and Harrison streets.

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

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

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

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

THE COMMISSIONER OF PUBLIC WORKS RESERVES THE RIGHT TO REJECT ALL BIDS RECEIVED FOR ANY PARTICULAR WORK IF HE DEEMS IT FOR THE BEST INTERESTS OF THE CITY.

Blank forms of bid or estimate, the proper envelopes in which to inclose the same, the specifications and agreements, and any further information desired, can be obtained at Room 5, No. 31 Chambers street.

THOS. F. GILROY,
Commissioner of Public Works.

DEPARTMENT OF PUBLIC WORKS,
COMMISSIONER'S OFFICE,
ROOM 6, NO. 31 CHAMBERS STREET,
NEW YORK, June 19, 1889.

TO CONTRACTORS.

BIDS OR ESTIMATES, INCLOSED IN A sealed envelope, with the title of the work and the name of the bidder indorsed thereon, also the number of the work as in the advertisement, will be received at this office until 12 o'clock M. Friday, July 12, 1889, at which place and hour they will be publicly opened by the head of the Department.

No. 1. FOR BUILDING A STORAGE RESERVOIR ON THE MUSCOOT BRANCH OF THE CROTON RIVER, IN THE TOWN OF SOMERS, WESTCHESTER COUNTY, NEAR AMAWALK.

No. 2. FOR REPAIRS TO SEWER IN THIRTEENTH STREET, between Broadway and Fourth avenue, and in FOURTH AVENUE, between Thirteenth and Fourteenth streets.

Each estimate must contain the name and place of residence of the person making the same, the names of all persons interested with him therein, and if no other person be so interested, it shall distinctly state that fact. That it is made without any connection with any other person making an estimate for the same work, and is in all respects fair and without collusion or fraud. That no member of the Common Council, head of a department, Chief of a Bureau, Deputy thereof, or Clerk therein, or other officer of the Corporation, is directly or indirectly interested in the estimate or in the work to which it relates or in the profits thereof.

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

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

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

THE COMMISSIONER OF PUBLIC WORKS RESERVES THE RIGHT TO REJECT ALL BIDS RECEIVED FOR ANY PARTICULAR WORK IF HE DEEMS IT FOR THE BEST INTERESTS OF THE CITY.

Blank forms of bid or estimate, the proper envelopes in which to inclose the same, the specifications and agreements, and any further information desired, can be obtained at Rooms 5 and 9, No. 31 Chambers street.

THOMAS F. GILROY,
Commissioner of Public Works.

REGULATIONS ESTABLISHING A SCALE OF WATER RENTS AND RULES GOVERNING THE USE OF WATER, FOR THE CITY OF NEW YORK, BY ORDER OF JOHN NEWTON, COMMISSIONER OF PUBLIC WORKS.

UNDER CHAPTER 410, LAWS 1882, SECTIONS 350, 351, 352 AND 353, and as amended by chapter 559, Laws 1887, as follows:

"The commissioner of public works shall, from time to time, establish scales of rents for the supplying of water, which rents shall be collected in the manner now provided by law, and which shall be apportioned to different classes of buildings in said city in reference to their dimensions, values, exposure to fires, ordinary uses for dwellings, stores, shops, private stables and other common purposes, number of families or occupants, or consumption of water, as near as may be practicable, and modify, alter, amend and increase such scale from time to time, and extend it to other descriptions of buildings and establishments. All extra charges for water shall be deemed to be included in the regular rents, and shall become a charge and lien upon the buildings upon which they are respectively imposed, and, if not paid, shall be returned as arrears to the clerk of arrears. Such regular rents, including the extra charges above mentioned, shall be collected from the owners or occupants of all such buildings respectively, which shall be situated upon lots adjoining any street or avenue in said city in which the distributing water-pipes are or may be laid, and from which they can be supplied with water. Said rents, including the extra charges aforesaid, shall become a charge and lien upon such houses and lots, respectively, as herein provided, but no charge whatever shall be made against any building in which a water-meter may have been, or shall be placed as provided in this act. In all such cases the charge for water shall be determined only by the quantity of water actually used as shown by said meters. * * * * *

"The said commissioner of public works is hereby authorized to prescribe a penalty not exceeding the sum of five dollars for each offense, for permitting water to be wasted, and for any violation of such reasonable rules as he may, from time to time, prescribe for the prevention of the waste of water; such fines shall be added to the regular water rents."

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

Croton Water Rates for Buildings from 16 to 50 feet, all others not specified subject to Special Rates

FRONT WIDTH.	1 Story.	2 Stories.	3 Stories.	4 Stories.	5 Stories.
16 feet and under.	\$4 00	\$5 00	\$6 00	\$7 00	\$8 00
16 to 18 feet....	5 00	6 00	7 00	8 00	9 00
18 to 20 feet....	6 00	7 00	8 00	9 00	10 00
20 to 22 feet....	7 00	8 00	9 00	10 00	11 00
22 to 24 feet....	8 00	9 00	10 00	11 00	12 00
24 to 26 feet....	9 00	10 00	11 00	12 00	13 00
26 to 28 feet....	10 00	11 00	12 00	13 00	14 00
28 to 30 feet....	11 00	12 00	13 00	14 00	15 00
30 to 32 feet....	12 00	13 00	14 00	15 00	16 00
32 to 34 feet....	13 00	14 00	15 00	16 00	17 00
34 to 36 feet....	14 00	15 00	16 00	17 00	18 00

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

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

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

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

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

BARBER SHOPS shall be charged from five to twenty dollars per annum each in the discretion of the Commissioner of Public Works; an additional charge of five dollars per annum shall be made for each bathtub therein.

BATHING TUBS in private houses, beyond one, shall be charged at three dollars per annum each, and five dollars per annum each in public houses, boarding-houses, and bathing establishments. Combination stationary wash-tubs, having a movable division in the centre and capable of use for bathing, shall be charged the same as bathing tubs.

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

COWS.—For each and every cow, one dollar per annum. DINING SALOONS shall be charged an annual rate of from five to twenty dollars, in the discretion of the Commissioner of Public Works.

FISH STANDS (retail) shall be charged five dollars per annum each.

For all stables not metered, the rates shall be as follows: HORSES, PRIVATE.—For two horses there shall be charged six dollars per annum; and for each additional horse, two dollars.

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

HORSE TROUGHS.—For each trough, and for each half barrel or tub on sidewalk or street, twenty dollars per annum; each trough is to be fitted with a proper ball-cock to prevent waste.

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

LAUNDRIES shall be charged from eight to twenty dollars per annum, in the discretion of the Commissioner of Public Works.

LIQUOR AND LAGER BEER SALOONS shall be charged an annual rate of ten dollars each. An additional charge of five dollars per annum shall be made for each tap or wash-box.

PHOTOGRAPH GALLERIES shall be charged an annual rate of from five to twenty dollars, in the discretion of the Commissioner of Public Works.

PRINTING OFFICES, when not metered, shall be charged at such rates as may be determined by the Commissioner of Public Works.

SODA, MINERAL WATER AND ROOT BEER FOUNTAINS shall be charged five dollars per annum each.

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

WATER-CLOSETS AND URINALS.—To each building on a lot one water-closet having sewer connection is allowed without charge; each additional water-closet or urinal will be charged as hereinafter stated. All closets connected in any manner with sewer shall be charged two dollars for each seat per annum, whether in a building or on any other portion of the premises. Urinals shall be charged two dollars per annum each.

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

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

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

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

Cistern answering this description can be seen at this Department.

METERS.

Under the provisions of section 352, Consolidated Act 1882, water-meters, of approved pattern, shall be hereafter placed on the pipes supplying all stores, workshops, hotels, manufactories, public edifices, at wharves, ferry-houses, stables, and in all places where water is furnished for business consumption, except private dwellings.

It is provided by section 352, Laws of 1882, that "all expenses of meters, their connections and setting, water rates, and other lawful charges for the supply of Croton water, shall be a lien upon the premises where such water is supplied, as now provided by law." * * *

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

Water measured by meter, ten cents per one hundred cubic feet.

Rate Without Meters.

PER DAY, GALLONS.	PER 100 GALLONS, RATE.	PER ANNUM, AMOUNT.
25	05	\$3 75
50	05	7 50
60	05	9 00
70	05	10 50
80	05	12 00
90	05	13 50
100	05	15 00
150	05	22 50
200	05	30 00
250	04 1/2	33 75
300	04	36 00
350	03 1/2	36 75
400	03 1/2	42 00
500	03 1/2	52 50
600	03 1/2	63 00
700	03 1/2	73 50
800	03 1/2	84 00
900	03 1/2	94 50
1,000	03 1/2	105 00
1,500	02 1/2	135 00
2,000	02 1/2	150 00
2,500	02 1/2	180 00
3,000	02 1/2	225 00
3,500	02 1/2	280 00
4,000	02 1/2	303 75
4,500	02 1/2	333 50
5,000	02 1/2	363 00
6,000	02	420 00
7,000	02	480 00
8,000	02	540 00
9,000	02	600 00
10,000	02	660 00

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

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

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

HYDRANTS, HOSE, TROUGHS, FOUNTAINS, ETC., ETC.

No owner or tenant will be allowed to supply water to another person or persons.

All persons taking water from the City must keep their own service-pipes, street tap, and all fixtures connected therewith, in good repair, protected from frost, at their own risk and expense, and shall prevent all waste of water.

The use of hose to wash coaches, omnibuses, wagons, railway cars or other vehicles or horses, cannot be permitted.

No horse-troughs or horse-watering fixtures will be permitted in the street or on the sidewalk, except upon a license or permit taken out for that purpose. All licenses or permits must be annually renewed on the first of May. Such fixtures must be kept in good order and the water not allowed to drip or waste by overrunning the sidewalk or street, or to become dangerous in winter by freezing in and about such troughs or fixtures.

No hydrant will be permitted on the sidewalk or in the front area, and any hydrant standing in a yard or alley, attached to any dwelling or building, must not be left running when not in actual use, and if the drip or waste from such hydrant freezes and becomes dangerous in winter, the supply will be shut off in addition to the penalty of five dollars imposed.

Taps at wash-basins, water-closets, baths and urinals must not be left running, under the penalty of five dollars for each offense, which will be strictly enforced.

Fountains or jets in hotels, porter-houses, eating-saloons, confectioneries or other buildings are strictly prohibited.

The use of hose for washing sidewalks, stoops, areas, house-fronts, yards, court-yards, gardens, and about stables, is prohibited. Where premises are provided with wells, special permits will be issued for the use of hose, in order that the police or inspectors of this department may understand that the permission is not for the use of Croton water.

Opening fire-hydrants to fill hand sprinklers or other vessels will not be allowed.

The penalty for a violation of any of the preceding rules and regulations will be five dollars for each offense, and if not paid when imposed will become a lien on the premises in like manner as all other charges for unpaid water rates. By order,

JOHN NEWTON,
Commissioner of Public Works.

DEPARTMENT OF PUBLIC WORKS,
COMMISSIONER'S OFFICE,
NO. 31 CHAMBERS STREET,
NEW YORK, June 21, 1887.

PUBLIC NOTICE AS TO WATER RATES.

PUBLIC NOTICE IS HEREBY GIVEN THAT in compliance with the provisions of chapter 559, Laws of 1887, amending sections 350 and 351 of the New York City Consolidated Act of 1882, passed June 9, 1887, the following changes are made in charging and collecting water rents:

1st. All extra charges for water incurred from and after June 9, 1887, shall be treated, collected and returned in arrears in the same manner as regular rents have heretofore been treated.

2d. In every building where a water meter or meters are now, or shall hereafter be in use, the charge for water by meter measurement shall be the only charge against such building, or such part thereof as is supplied through meter.

3d. The returns of arrears of water rents, including the year 1887, shall be made as heretofore on the confirmation of the tax levy by the Board of Aldermen, and shall include all charges and penalties of every nature.

4th. A penalty of five dollars (\$5) is hereby established, and will be imposed in each and every case where the rules and regulations of the Department prohibiting the use of water through hose, or in any other wasteful manner, are violated, and such penalties will be entered on the books of the Bureau against the respective buildings or property, and, if not collected, be returned in arrears in like manner as other charges for water.

5th. Charges for so-called extra water rents of every nature, imposed or incurred prior to June 9, 1887, will be canceled or record on the books of the Department.

D. LOWBER SMITH,

Deputy and Acting Commissioner of Public Works.

DEPARTMENT OF PUBLIC WORKS,
COMMISSIONER'S OFFICE,
NO. 31 CHAMBERS STREET,
NEW YORK, November 10, 1886.

NOTICE TO CROTON WATER CONSUMERS.

NUMEROUS APPLICATIONS HAVE BEEN made to this Department by citizens claiming reductions or rebates on bills for water supplied through meters, on the alleged ground of leakage caused by defective plumbing and worn-out service pipes, or by willful waste of water by tenants allowing the faucets to be turned on in full force in water-closets, sinks, etc., without the knowledge or consent of the owners of the premises.

The main object of the use of water-meters is to enable this Department to detect and check the useless and unwarrantable waste of an element so valuable and essential to the health and comfort of all the citizens, and this object can only be accomplished by enforcing payment for the water wasted.

Under the law all charges for water supplied through meters are a lien against the respective premises, and the law therefore holds the owner of the premises responsible for the amount of water used or wasted.

Notice is therefore given to all householders that, in all further applications for reduction of water rents, no allowance will be made on account of waste of water occurring through leaks, from defective service pipes or plumbing, or wasteful use of water by tenants or occupants of buildings, though such leakage or waste may have occurred without the knowledge or consent of the owners of the buildings.

House-owners are further notified that whenever their premises become vacant, and are likely to remain vacant, they must notify this Department in writing, and that unless this requirement is complied with no deductions in extra water rents will be allowed for any portion of one year.

JOHN NEWTON,
Commissioner of Public Works.

GRANTS OF LANDS UNDER WATER.

THE OWNERS OF LANDS IN THE CITY OF New York, which were formerly under water, and which were granted by the City of New York, are notified that nearly all of the grants of such lands contain covenants, on the part of the grantees, and their successors and assigns, to maintain and keep in repair the adjacent streets. The condition of many of these streets is such as to make it necessary that they should be repaired and repaved, and that the obligation resting upon the present owners of adjacent lots to do this work should now be enforced. Many of such owners have requested that such covenants be commuted, and wholly released, upon the payment by them of a certain sum per lot.

The matter will shortly be presented to the Commissioners of the Sinking Fund for their consideration, and the adjustment of the basis of commutation, and application for releases should therefore be made at once.

They may be sent to the undersigned.

Dated New York City, August 7, 1888.

JOHN NEWTON,
Commissioner of Public Works.

THE CITY RECORD.

THE CITY RECORD IS PUBLISHED DAILY, Sundays and legal holidays excepted, at No. 2 City Hall, New York City. Price, single copy, 3 cents annual subscription, by mail, \$0.30.

WILLIAM G. McLAUGHLIN,
Supervisor.