

THE CITY RECORD.

OFFICIAL JOURNAL.

VOL. XXI.

NEW YORK, SATURDAY, JANUARY 7, 1893.

NUMBER 5,979.



HEALTH DEPARTMENT.

Report for the Quarter ending September 30, 1892.

HEALTH DEPARTMENT, No. 301 MOTT STREET,
NEW YORK, November 29, 1892.

Hon. HUGH J. GRANT, Mayor, etc.:

SIR—I have the honor to transmit herewith the report of the Board of Health of the Health Department of the City of New York for the quarter ending September 30, 1892.

Yours, very respectfully,
EMMONS CLARK, Secretary.

WORK PERFORMED BY THE SANITARY BUREAU.

The following is a summary of the operations of the Sanitary Bureau, which is charged with the duty of inspecting and reporting, in proper form, all nuisances or causes of danger to the public health, with the execution of the orders of the Board and with the care of contagious diseases.

The number of inspections and reinspections made by the Sanitary Inspectors and the Sanitary Police was 197,427, classified as follows:

By the Sanitary Inspectors.....	16,125
By the Sanitary Police.....	99,797
By the Division of Contagious Diseases.....	5,026
By the Milk Inspectors.....	27,422
By the Fruit and Food Inspectors.....	25,800
By the Meat and Fish Inspectors.....	15,883
By the Offensive Trades Inspectors.....	7,374
Total.....	197,427

The number of complaints returned was 12,350, classified as follows:

By the Sanitary Inspectors.....	5,462
By the Sanitary Police.....	6,812
By the Fruit and Food Inspectors.....	2
By the Meat and Fish Inspectors.....	3
By the Offensive Trades Inspectors.....	71
Total.....	12,350

The number of complaints received from citizens was 11,794, all of which were referred to the Sanitary Inspectors and the Sanitary Police for investigation and report.

The Sanitary Superintendent, during the same period, under instruction and authority of the Board, granted 1,037 permits to discharge cargoes, under proper vouchers from the Health Officer of the Port; 478 permits to scavengers to empty privies; 41 permits to land rags (in bulk), under bonds, and 160 miscellaneous permits under the Sanitary Code.

The following is a summary of the work performed by the Sanitary Inspectors:

Number of inspections and reinspections made.....	16,125
Number of complaints made.....	5,462

The following premises and locations have been inspected and reported upon by the Sanitary Inspectors, a summary of which is as follows:

Summary of Inspections.

Tenement-houses.....	5,554
Lodging-houses.....	30
Private dwellings.....	831
Other dwellings.....	543
Public buildings.....	8
Other buildings.....	331
Manufactories and workshops.....	319
Stores and warehouses.....	152
Stables.....	556
Offensive trades buildings.....	5
Sunken and vacant lots.....	140
Public highways.....	91
Receiving-basins and public sewers.....	58
Dumps and dumping grounds.....	4
Docks and piers.....	9
Slaughter-houses.....	95
Water courses.....	4
Canals.....	2

Total.....	8,732
Total reinspections.....	7,393

Total inspections and reinspections made..... 16,125

Number of privy vaults ordered abolished.....	142
“ cellars ordered to be made water-tight.....	86

The following is a summary of reports made by Sanitary Inspectors, with the result of inspections:

NATURE OF COMPLAINT.	CAUSE.	NO CAUSE.	TOTAL.	NATURE OF COMPLAINT.	CAUSE.	NO CAUSE.	TOTAL.
Plumbing.....	2,499	653	3,152	Cows, etc.....	14	3	17
Drainage.....	1,074	521	1,595	Fowls.....	32	6	38
Ventilation.....	416	34	470	Filth.....	1,355	636	2,491
Light.....	20	7	27	Sunken and vacant lots.....	91	29	120
Dangerous structures.....	148	1	149	Streets, gutters and sidewalks.....	42	16	58
Stables.....	298	88	386	Sewers and receiving-basins.....	60	9	69
Manure vaults.....	83	..	83	Offensive trades.....	5	..	5
Public highways.....	22	6	28	Dangerous buildings.....	12	4	16
Repairs.....	1,217	61	1,278	Croton water-mains.....	2	1	3
Cellars and basements.....	1,361	213	1,574	Gas and steam mains.....	3	2	5
Privies and water-closets.....	2,574	273	2,847	Dumping grounds.....	..	1	1
Cesspools.....	215	12	227	Wells.....	6	2	8
Chimneys.....	42	34	76				
Croton water.....	103	93	196	Totals.....	12,194	2,725	14,919

Number of inspections and reinspections..... 16,125

Number of inspections on—	
Complaints and reports forwarded for Board's orders.....	5,219
Complaints and reports forwarded to Sanitary Superintendent.....	243
Complaints and negative reports.....	1,578
Miscellaneous.....	1,692

Total..... 8,732

Number of reinspections on—	
Orders forwarded.....	5,557
Miscellaneous.....	1,836

Total..... 7,393

Number of visits to Court.....	62
Number of visits to Department.....	563

The following is a summary of the work performed by the Corps having charge of food and chemicals:

Number of inspections and reinspections made.....	76,479
“ complaints made.....	76
“ analyses made.....	384
“ citizens' complaints received.....	521
“ citizens' complaints held over since last report.....	41
“ complaints made and returned to Sanitary Superintendent.....	76
“ original complaints by inspectors.....	5
“ citizens' complaints returned for orders.....	71
“ citizens' complaints returned as negatives.....	460
“ citizens' complaints under observation.....	31
“ days at Court and Central Office.....	759
“ arrests made.....	105
Number held on bail.....	94
Number of trials at Special and General Sessions.....	57

Amount of fines collected at Court..... \$1,388 00

Number of pounds of milk, fruit and foods, meat and fish, condemned and seized..... 1,536,846

Milk Inspections.

Number of inspections made.....	27,422
“ specimens examined.....	55,049
“ citizens' complaints received.....	16
“ citizens' complaints returned as negatives.....	16
“ days at Court and Central Office.....	266
“ special day inspections.....	28
“ early morning inspections.....	46
“ nights of special work.....	54
“ quarts of adulterated milk destroyed (6,040 pounds).....	3,020
“ days in country or in laboratory.....	127
“ arrests made.....	91
Number held on trial.....	88
Number of trials at Special or General Sessions.....	49

Amount of fines collected at Court..... \$1,350 00

Fruit and Food Inspections.

Number of inspections made.....	25,800
“ citizens' complaints received.....	93
“ citizens' complaints returned for orders.....	2
“ citizens' complaints returned as negatives.....	88
“ citizens' complaints under observation.....	3
“ days at Court or Department.....	187
“ nights of special work.....	1
“ arrests made.....	9
Number held on bail.....	1
Number of trials at Special or General Sessions.....	6

Amount of fines collected at Court..... \$33 00

Number of inspections of commission houses.....	30
“ auction houses.....	299
“ stores.....	8,975
“ licensed vendors.....	7,298
“ vessels.....	232
“ railroad depots.....	295
“ stands.....	8,258
“ markets.....	412
“ ice-house.....	1

Total..... 25,800

Condemned and Seized.	Pounds.
Assorted fruits.....	83,595
Apples.....	29,895
Apricots.....	2,975
Crackers.....	70,000
Beans.....	1,050
Bananas.....	396,082

Condemned and seized.		Pounds.
Raspberries.....	400	
Beets.....	1,880	
Cucumbers.....	2,490	
Cauliflowers.....	3,950	
Cabbage.....	8,620	
Cocoanuts.....	4,600	
Cherries.....	900	
Egg plants.....	1,375	
Figs.....	120	
Grapes.....	15,510	
Green corn.....	575	
Green peas.....	1,800	
Garlic.....	9,225	
Lemons.....	6,060	
Huckleberries.....	1,950	
Melons (water).....	239,788	
Melons (musk).....	42,390	
Mangoes.....	600	
Nuts.....	175	
Cranberries.....	800	
Oranges.....	6,600	
Onions.....	10,825	
Peaches.....	69,040	
Pineapples.....	8,600	
Potatoes.....	73,420	
Plums.....	7,670	
Pears.....	68,785	
Strawberries.....	600	
Tomatoes.....	15,795	
Vegetables.....	4,575	

Total pounds.....1,192,713

Number of pounds of fruit condemned.....	987,133
“ vegetables condemned.....	135,580
“ groceries condemned.....	70,000

Total number of pounds of fruit and food condemned.....1,192,713

Meat and Fish Inspections.

Number of inspections made.....	15,883
“ citizens' complaints received.....	78
“ citizens' complaints returned for orders.....	3
“ citizens' complaints returned as negatives.....	70
“ citizens' complaints under observation.....	9
“ days at Court and Department.....	96
“ arrests made.....	5
Number held on bail.....	5
Number of trials at Special or General Sessions.....	2

Amount of fines collected at Court.....\$5 00

Condemned and Seized.		Pounds.
Beef.....	41,650	
Veal.....	57,339	
Sheep.....	40,040	
Hogs.....	64,400	
Assorted meats.....	1,351	
Poultry.....	46,305	
Game.....	403	
Fish.....	86,605	

Total.....338,093

Number of inspections made of fish stores.....	1,938
“ “ stands.....	2,200
“ “ licensed venders.....	2,448
“ “ commission houses.....	2,600
“ “ butcher shops.....	1,373
“ “ slaughter houses.....	2,946
“ “ packing houses.....	224
“ “ ice houses.....	721
“ “ vessels.....	557
“ “ railroad depots.....	294
“ “ stock yards.....	158
“ “ markets.....	420
“ “ stables.....	2
“ “ restaurants.....	2

Total.....15,883

Work Performed by Assistant Chemists.

Number of analyses made.....	326
“ experimental analyses made.....	58
“ lactometers tested.....	40
“ days at Court or Department.....	89
“ nights of special work.....	7

Summary of Analyses Made.

Buttermilk.....	1	Poison.....	1
Candy.....	2	Suspected cholera.....	1
Canned fish.....	3	Urine.....	2
Cheese.....	1	Water (Croton).....	51
Chloral.....	1	Water (from wells).....	16
Experimental analyses.....	58	Water in cellar.....	5
Medicines (prescriptions).....	4		
Milk (condensed).....	36	Total.....	384
Milk.....	202		

Work Performed in the Inspection of Offensive Trades.

Number of inspections made.....	7,374
“ complaints made.....	71
“ citizens' complaints received.....	334
“ original complaints by Inspectors.....	5
“ citizens' complaints returned for orders.....	66
“ citizens' complaints returned as negatives.....	286
“ citizens' complaints under observation.....	19
“ days at Court or Department.....	121
“ nights at special work.....	25

The reports received from the Inspectors of Offensive Trades, classified as to cause of complaint, are:

Asphalt factories.....	1	Cheese manufactories.....	9
Bakeries.....	20	Calfs' head cleaning establishments.....	2
Blacksmith shops.....	22	Clothes cleaning establishments.....	18
Bone yards.....	38	Carpenter shops.....	9
Boiler factories.....	2	Cattle yards.....	477
Box factories.....	63	Coal yards.....	3
Breweries.....	4	Cold storage warehouses.....	6
Butcher shops.....	20	Cellars.....	77
Bird stores.....	1	Chemical works.....	7
Butter stores.....	10	Dumps (manure).....	8
Candy manufactories.....	1	Dumps (garbage).....	16
Cigar manufactories.....	35	Dumps (earth).....	2
Cabinet manufactories.....	35	Dynamite.....	1
Clothing manufactories.....	12	Dye works.....	16

Drug stores.....	2	Private dwellings.....	158
Distilleries.....	1	Printing houses.....	13
Drug mills.....	8	Provision houses.....	9
Electrical lamps.....	6	Piers.....	210
Excavations.....	68	Planing mills.....	2
Fat-rendering establishments.....	270	Piano factories.....	4
Foundries.....	15	Pickle factories.....	3
Fur-dressing establishments.....	1	Public baths.....	19
Factories.....	80	Restaurants.....	49
Fruit stands.....	2	Rag shops.....	1
Fires.....	8	Round houses.....	102
Fish markets.....	1	Railroads.....	86
Furniture factories.....	5	Railroad depots.....	3
Fertilizer.....	89	Railroad cars.....	5
Gas engines.....	5	Slaughter houses (cattle).....	2,756
Gas houses.....	405	Slaughter houses (chickens).....	3
Gas leaks in mains.....	24	Smoke houses.....	104
Gas leaks in pipes.....	13	Saw mills.....	124
Gas leaks in houses.....	24	Soap manufactories.....	74
Gas holders.....	224	Soda-water manufactories.....	2
Gas trenches.....	59	Stores.....	71
Grocery stores.....	4	Streets.....	13
Grain drying establishments.....	1	Storage warehouses.....	14
Gut-cleaning establishments.....	32	Schools.....	3
Grain elevators.....	2	Spice and coffee mills.....	34
Hair-picking establishments.....	1	Smelting works.....	17
Hide cellars.....	93	Sewers.....	48
Hog yards.....	26	Silver-plating establishments.....	1
Hide-cleaning establishments.....	8	Steam engines (stationary).....	18
Hat stores.....	4	Stables.....	42
Hospitals.....	3	Stone yards.....	42
Hotels.....	9	Steam exhaust pipes.....	9
Ice manufactories.....	37	Steam whistles.....	1
Iron works.....	1	Tenement houses.....	238
Junk shops.....	24	Tanneries.....	2
Kindling-wood factories.....	3	Tripe factories.....	5
Laundries.....	12	Varnish.....	15
Lime kilns.....	27	Water (Croton).....	52
Leather factories.....	3	Water (well).....	11
Liquor stores.....	6	Water tanks.....	25
Milk depots.....	5	Water hydrants.....	6
Markets.....	5	Wire works.....	30
Offices.....	306	Wheelwright shops.....	13
Offal docks.....	2	Water reservoirs.....	1
Oil works.....	1	Water gate-houses.....	1
Oyster saloons.....	1		
Packing houses.....	37	Total.....	7,374

THE FOLLOWING IS A SUMMARY OF THE WORK PERFORMED BY THE SANITARY POLICE:

Number of inspections and reinspections made.....	99,797
“ complaints.....	6,812
“ complaints made and forwarded to the Sanitary Superintendent.....	3,607
“ complaints made and referred to the Sanitary Inspectors.....	297
“ complaints made on complaints of citizens and forwarded to the Sanitary Superintendent.....	3,061
“ complaints made on overcrowding in tenements.....	144

The number of orders received, inspected and reported upon was 16,162, of which number, with 1,179 orders held for reinspection at date of last report, there have been returned to the Sanitary Superintendent—

Orders complied with.....	7,937
“ not complied with.....	6,372
“ held for reinspection, work progressing.....	3,032
“ received from the Division of Contagious Diseases to stop work, close stores and keep premises under observation.....	29
Relieved from observation.....	31
Under observation.....	1
Number of night inspections of tenement apartments to report overcrowding.....	7,234
Number of complaints of overcrowding made and forwarded for orders.....	144
Number of orders issued by the Board to reduce the number of occupants in overcrowded apartments.....	158
Number of orders complied with.....	117
“ orders not complied with.....	22
“ persons removed from overcrowded tenements.....	249
“ letters delivered.....	2,273
“ water-closets ordered in lieu of privy vaults.....	168
“ ash receptacles removed from outside stoop-line.....	2,012
“ scavenger permits collected and forwarded to the Sanitary Superintendent.....	374
“ manure dump inspections.....	256
“ lodging-house inspections.....	141
“ tenement-houses inspected (general inspections).....	28,947
“ tenement-house inspections (under the law, house to house inspections).....	47,996
“ slaughter-houses inspected.....	902
“ stables inspected.....	2,069
“ miscellaneous inspections and reinspections of other than tenement-houses.....	9,986
“ notices served directing burial of persons who died from contagious diseases.....	404
“ of postal cards transmitted to the Department of Street Cleaning.....	26

Nature of Complaints and Violations Reported.

NATURE OF COMPLAINTS AND VIOLATIONS.	COMPLAINTS MADE.	NUISANCES ABATED BY PERSONAL EFFORT.	TOTAL.
Air shafts filthy, not covered or connected with house sewer.....	414	67	481
Areas filthy and dangerous.....	877	116	993
Ash-boxes in violation of Sanitary Code.....	64	2,012	2,076
Balusters and stairs dangerous.....	119	...	119
Cellars filthy.....	2,655	309	2,964
Cellars occupied as a place of dwelling or lodging.....	79	...	79
Cellar doors dangerous.....	11	...	11
Cellars not water-tight.....	14	...	14
Cesspools.....	54	...	54
Chimneys dangerous or obstructed.....	56	...	56
Clothes poles dangerous.....	1	...	1
Cows, no permit.....	4	...	4
Dead animals removed.....	2	...	2
Docks filthy.....	8	13	21
Dogs, in violation of Sanitary Code.....	33	...	33
Drains obstructed or defective.....	116	...	116
Eaves gutters defective or dangerous.....	61	...	61
Fences dangerous.....	14	...	14
Fire-escapes filthy or obstructed.....	19	19	38
Flooring broken, dangerous or filthy.....	439	42	481
Fowls kept, no permit.....	120	1	121

NATURE OF COMPLAINTS AND VIOLATIONS.	COMPLAINTS MADE.	NUISANCES ABATED BY PERSONAL EFFORT.	TOTAL.
Fresh-air inlets obstructed.....	6	241	247
Goats kept, no permit.....	29	...	29
Halls not properly ventilated.....	4	...	4
Hydrants out of repair.....	46	...	46
Ice-boxes defective.....	1	...	1
Ice-boxes not connected with a properly trapped Croton- supplied sink.....	79	...	79
Leaders defective, obstructed or dangerous.....	76	...	76
Manure-vaults in violation of Sanitary Code or no permit..	42	...	42
Pigeons kept, no permit.....	83	...	83
Pumps out of repair.....	10	...	10
Privy accommodations not sufficient.....	7	...	7
Privy-vaults full, offensive, or out of repair.....	426	...	426
Privy-houses filthy or out of repair.....	853	95	948
Premises not connected with street sewer.....	29	...	29
Rags stored in a tenement-house.....	64	...	64
Rabbits kept.....	20	...	20
Receiving-basins full or offensive.....	58	...	58
Roofs leaking or filthy.....	468	11	479
Schools kept in tenement-houses.....	2	...	2
School sinks out of order or neglected.....	462	103	565
Stable yards filthy, not paved, graded or sewer connected..	78	22	100
Stables in tenement-houses.....	2	...	2
Skylights broken.....	56	...	56
Stoops dangerous.....	19	...	19
Soil-pipes obstructed, defective or not ventilated.....	183	...	183
Sinks filthy, defective or not trapped.....	279	...	279
Sidewalks filthy, dangerous or not flagged.....	93	19	112
Street pavements dangerous.....	172	...	172
Streets or gutters filthy or obstructed.....	250	123	373
Supply-pipes obstructed or defective.....	327	...	327
Trees dangerous or obnoxious.....	1	...	1
Tenement-houses overcrowded.....	46	...	46
Urinals not trapped, flushed or sewer connected.....	116	8	124
Vacant lots filthy, dangerous, not fenced or sewer connected	298	5	303
Vault covers or gratings dangerous.....	9	...	9
Water-closets out of repair or filthy.....	646	22	668
Water-closets not trapped or ventilated.....	16	...	16
Water-tanks filthy.....	1,290	83	1,373
Walls and ceilings filthy or out of repair.....	1,960	...	1,960
Waste-pipes obstructed, defective or not ventilated.....	165	...	165
Yards filthy, not properly graded or sewer connected.....	1,497	541	2,038
Yard pavements out of repair.....	229	...	229
Totals.....	15,655	3,858	19,513

The number of dead animals removed from the streets and the quantity of offal, etc., removed from the markets and slaughter-houses, by the contractor, was:

Horses.....	2,979	Dogs from public pound.....	2,227
Mules.....	3	Quarters of beef.....	64
Asses.....	2	Quarters of mutton.....	252
Colts.....	3	Quarters of veal.....	1,096
Cows.....	5	Barrels of poultry.....	227
Steers.....	11	Cases of game.....	20
Calves.....	157	Cases of ham.....	4
Sheep.....	217	Barrels of beef.....	2
Hogs.....	4	Number of sausages.....	18
Cats and dogs.....	5,648		

WORK PERFORMED BY THE DIVISION OF CONTAGIOUS DISEASES.

Contagious Diseases Reported and Referred to the Inspectors.

The number of cases reported during the quarter, and referred to the Inspectors, was:

Cholera-Asiatica.....	8
Typhus fever.....	6
Typhoid fever.....	515
Scarlet fever.....	647
Measles.....	1,538
Diphtheria.....	809
Small-pox.....	101
Total.....	3,624

Other Cases Reported and Referred to Inspectors.

Cerebro-spinal meningitis.....	15
Varicella.....	10
Malarial fever.....	13
Croup.....	87
Tubercular meningitis.....	80
Phthisis.....	922
Pertussis.....	36
Erysipelas.....	3
Total.....	1,184

Summary of Work Performed.

Number of inspections made.....	5,026
“ general and special reports made.....	2,186

Work Performed by the Inspectors of Vaccination.

Number of primary vaccinations performed.....	7,425
“ re-vaccinations performed.....	10,173
Total.....	17,598

Number of visits to sick children.....	6
“ reports forwarded to Chief Inspector.....	175

Work Performed by the Medical Sanitary Inspectors.

Number of cases visited.....	4,973
“ houses inspected.....	4,607
“ inspections of tenements.....	3,923
“ inspections of private houses.....	221
“ inspections of schools and institutions.....	233
“ inspections of hotels.....	13
“ miscellaneous inspections.....	217
“ visits to physicians and undertakers to secure observance of section of code relating to contagious diseases.....	75
“ special diagnoses made.....	1,134
“ school notices sent.....	250
“ visits to Courts and Central Office.....	531
“ days (24 hours), as diagnostician.....	91
“ reports forwarded to Chief Inspector.....	828

Work Performed by the Disinfecting Corps.

Number of houses visited.....	4,765
“ infected rooms fumigated.....	3,162
“ infected and contagious rooms disinfected.....	12,378
“ patients removed to hospital on account of contagious diseases.....	208
“ bodies removed to Morgue on account of contagious diseases.....	15
“ pieces of infected goods removed by Department.....	8,025
“ pieces of infected goods returned by Department.....	5,186
“ pieces of infected goods destroyed.....	1,768
“ pieces of infected goods on hand.....	1,814
“ pieces of infected goods disinfected.....	4,620
Ambulances and other vehicles fumigated.....	429
Number of reports forwarded to Chief Inspector.....	728

Work Performed by the Veterinarian.

Number of cases of contagious diseases in animals visited.....	205
“ inspections made.....	419
“ heads of cattle examined.....	9,082
“ glandered horses destroyed.....	171
“ post mortems held on cattle.....	37

Miscellaneous Work.

Number of animals vaccinated.....	34
“ quill slips collected.....	45,200
“ ivory points collected.....	4,950
“ certificates of vaccination issued.....	10,637
“ prescriptions written.....	485
“ prescriptions filled.....	485
“ reports forwarded to Chief Inspector.....	43

Work Performed by the Summer Corps.

Number of families visited.....	348,318
“ houses visited.....	40,193
“ sick persons prescribed for.....	23,834
“ minor nuisances abated by personal effort.....	7,917
“ circulars distributed.....	60,304
“ tickets of St. John's Guild distributed.....	17,812
“ complaints forwarded to Sanitary Bureau.....	270
“ patients found treated by other physicians.....	6,642
“ revisits made.....	3,177

Cases visited.....	
Diarrhoeal.....	14,170
Dysenteric.....	137
Respiratory.....	3,135
Contagious.....	494
Miscellaneous.....	5,880
Vaccinations performed.....	7,049

Moneys received from the sale of bovine vaccine virus and deposited with the City Chamberlain, \$677.53.

REPORT OF WILLARD PARKER AND RECEPTION HOSPITALS.

General Statement—Willard Parker Hospital.

1892.	MALE.	FEMALE.	NATIVE.	FOREIGN.	TOTAL.	MOTHERS.
Remaining in Hospital, June 30, 1892.....	4	16	19	1	20	..
Admitted.....	29	35	37	27	64	9
Total.....	33	51	56	28	84	9
Discharged.....	26	47	48	25	73	9
Died.....	6	3	8	1	9	..
Total.....	32	50	56	26	82	9
Remaining in Hospital September 30, 1892.....	1	1	..	2	2	..
Total number of cases treated.....						84
“ mothers accompanying.....						9
“ patients and mothers.....						93

REMAINING IN HOSPITAL JUNE 30, 1892.

	CLASS.				MALES.			FEMALES.			Total Males and Females.	Mothers.
	City.	Public Institutions.	Walked In.	Quarantine.	Native.	Foreign.	Total.	Native.	Foreign.	Total.		
Scarlatina.....	3	14	..	..	4	..	4	12	1	13	17	..
Diphtheria.....	1	1	1	..	..	..	..	3	..	3	3	..
Total.....	4	15	1	..	4	..	4	15	1	16	20	..

ADMISSIONS.

Scarlatina.....	8	5	2	3	3	5	8	8	2	10	18	3
Diphtheria.....	11	11	13	..	12	4	16	13	6	19	35	6
Cholera suspects.....	11	..	..	..	1	4	5	..	6	6	11	..
Total.....	30	16	15	3	16	13	29	21	14	35	64	9

DISCHARGES.

	CLASS.				MALES.			FEMALES.			Total Males and Females.	Moflers.
	City.	Public Institutions.	Walked In.	Quarantine.	Native.	Foreign.	Total.	Native.	Foreign.	Total.		
Scarlatina.....	10	19	2	3	7	5	12	19	3	22	34	3
Diphtheria.....	9	11	10	..	6	4	10	15	5	20	30	6
Cholera suspects.....	9	..	..	..	1	3	4	..	5	5	9	..
Total.....	28	30	12	3	14	12	26	34	13	47	73	9

DEATHS.

Scarlatina.....	1	..	..	..	..	..	1	..	1	1	..
Diphtheria.....	3	1	4	..	6	..	6	1	1	2	8
Total.....	4	1	4	..	6	..	6	2	1	3	9

REMAINING IN HOSPITAL SEPTEMBER 30, 1892.

Cholera suspects.....	2	I	I	..	I	I	2	..
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RECAPITULATION OF REPORT FOR QUARTER ENDING SEPTEMBER 30, 1892.

	REMAINING IN HOSPITAL JUNE 30, 1892.		ADMITTED DURING THE QUARTER.		DISCHARGED DURING THE QUARTER.		DIED DURING THE QUARTER.		REMAINING IN HOSPITAL SEPTEMBER 30, 1892.				
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Native.	Foreign.	Total.
Scarlatina.....	4	13	8	10	12	22	..	1	..	..	..	..	..
Diphtheria .....	..	3	16	19	10	20	6	2	..	..	..	..	..
Cholera suspects.....	..	..	5	6	4	5	..	..	1	1	..	2	2
Total.....	4	16	29	35	26	47	6	3	1	1	..	2	2

SCARLATINA.

	REMAINING IN HOSPITAL JUNE 30, 1892.			ADMITTED DURING THE QUARTER.			DISCHARGED DURING THE QUARTER.			DIED DURING THE QUARTER.			REMAINING IN HOSPITAL SEPTEMBER 30, 1892.			Mortality per cent.
	Native.	Foreign.	Total.	Native.	Foreign.	Total.	Native.	Foreign.	Total.	Native.	Foreign.	Total.	Native.	Foreign.	Total.	
Under 5 years.....	7	..	7	2	3	5	8	3	11	1	..	1	..	..	..	8.3
5 years and under 16 years.....	9	1	10	9	4	13	18	5	23	..	..	..	..	..	..	....
Total.....	16	1	17	11	7	18	26	8	34	1	..	1	..	..	..	2.8

DIPHTHERIA.

	REMAINING IN HOSPITAL JUNE 30, 1892.			ADMITTED DURING THE QUARTER.			DISCHARGED DURING THE QUARTER.			DIED DURING THE QUARTER.			REMAINING IN HOSPITAL SEPTEMBER 30, 1892.			Mortality per cent.
	Native.	Foreign.	Total.	Native.	Foreign.	Total.	Native.	Foreign.	Total.	Native.	Foreign.	Total.	Native.	Foreign.	Total.	
Under 5 years.....	2	..	2	17	1	18	12	1	13	7	..	7	..	..	..	35.
5 years and under 16 years.....	1	..	1	5	1	6	6	1	7	..	..	..	..	..	..	....
16 years to 21 years.....	..	..	..	3	3	6	3	3	6	..	..	..	..	..	..	....
Over 21 years.....	..	..	..	..	5	5	..	4	4	..	1	1	..	..	..	20.
Total.....	3	..	3	25	10	35	21	9	30	7	1	8	..	..	..	21.

CHOLERA SUSPECTS.

	REMAINING IN HOSPITAL JUNE 30, 1892.			ADMITTED DURING THE QUARTER.			DISCHARGED DURING THE QUARTER.			DIED DURING THE QUARTER.			REMAINING IN HOSPITAL SEPTEMBER 30, 1892.			Mortality per cent.
	Native.	Foreign.	Total.	Native.	Foreign.	Total.	Native.	Foreign.	Total.	Native.	Foreign.	Total.	Native.	Foreign.	Total.	
Under 5 years.....
5 years and under 16 years.....
16 years to 21 years.....	1	3	4	1	3	4	..	..	..	..	..	..	..
Over 21 years.....	7	7	7	..	5	5	..	..	..	..	2	2	..
Total.....	1	10	11	1	8	9	..	..	..	..	2	2	..

Total number of cases treated—Scarlatina.....	35	Mortality per centum.....	2.8
“ Diphtheria.....	38	“ “.....	21.
“ Cholera suspects.....	11	“ “.....	.....

Comparative Statement for Scarlatina and Diphtheria from October, 1885, to September 30, 1892.

YEAR.	QUARTER.	SCARLATINA.	DIPHTHERIA.	TOTAL.	YEARLY TOTAL.
1885	4th	18	7	25	25
	1st	28	1	44	
	2d	27	11	38	
1886	3d	3	25	28	161
	4th	6	45	51	
	1st	38	34	72	
	2d	21	34	55	
1887	3d	21	51	72	342
	4th	62	81	143	
	1st	48	63	111	
	2d	69	83	152	
1888	3d	48	41	89	483
	4th	65	71	136	
	1st	83	134	217	
	2d	75	123	198	
1889	3d	17	54	71	588
	4th	30	72	102	
	1st	55	67	122	
	2d	38	57	95	
1890	3d	20	42	62	447
	4th	42	126	168	
	1st	79	70	149	
	2d	83	66	149	
1891	3d	61	58	119	593
	4th	81	95	176	
	1st	68	94	162	
	2d	54	73	127	
1892	3d	18	35	53	....
Total .....	.....	1,258	1,778	2,686	....

General Statement.

RECEPTION HOSPITAL.

1893.	MALES.	FEMALES.	NATIVE.	FOREIGN.	TOTAL.	MOTHERS.
Remaining in Hospital June 30, 1892.....	1	..	..	1.	1	..
Admitted.....	127	86	82	131	213	53
Total.....	128	86	82	132	214	53
Discharged.....	8	1	1	8	9	4
Transferred.....	116	83	79	120	199	48
Died.....	2	2	1	3	4	..
Total.....	125	86	81	131	212	52
Remaining in Hospital September 30, 1892.....	2	..	1	1	2	1

REMAINING IN HOSPITAL JUNE 30, 1892.

	CLASS.			MALES.			FEMALES.			Total Males and Females.	
	City.	Public Institutions.	Quarantine.	Native.	Foreign.	Total.	Native.	Foreign.	Total.	Total Males and Females.	Mothers.
Observation.....	I	..	I	I	..	..	..	I	..

ADMISSIONS.

Variola.....	68	5	2	23	24	47	18	10	28	75	15
Scarlatina.....	19	5	..	8	7	15	5	4	9	24	3
Scarlatina and Measles.....	..	1	1	..	1	1	1	..	1	2	..
Measles.....	18	19	46	6	37	43	12	28	40	83	27
Measles and Diphtheria.....	1	..	..	1	..	1	..	..	..	1	..
Measles and Croup.....	1	..	..	..	..	..	1	..	1	1	..
Pertussis.....	1	..	..	1	..	1	..	..	..	1	..
Pertussis and Diphtheria.....	1	..	..	1	..	1	..	..	..	1	1
Diphtheria.....	1	..	..	1	..	1	..	..	..	1	..
Typhus Fever.....	..	1	5	..	2	2	..	4	4	6	2
Observation.....	12	5	1	3	12	15	1	2	3	18	5
Total.....	122	36	55	44	83	127	38	48	86	213	53

DISCHARGES.

Variola .....	..	..	..	..	..	..	..	..	..	..	I
Scarlatina .....	..	..	..	..	..	..	..	..	..	..	I
Measles.....	I	..	..	..	..	..	..	I	I	I	..
Diphtheria and Pertussis.....	I	..	..	I	..	I	..	..	..	I	I
No case.....	2	4	I	..	7	7	..	..	..	7	I
Total.....	4	4	I	I	7	8	..	I	I	9	4

TRANSFERRED TO NORTH BROTHER ISLAND.

	CLASS.			MALES.			FEMALES.			Total Males and Females.	Mothers.
	City.	Public Institutions.	Quarantine.	Native.	Foreign.	Total.	Native.	Foreign.	Total.		
Variola	65	5	2	22	24	46	18	8	26	72	14
Scarlatina	19	5	..	8	7	15	5	4	9	24	2
Scarlatina and Measles .....	..	1	1	..	1	1	..	..	1	2	..
Measles	17	19	46	6	37	43	12	27	39	82	27
Measles and Diphtheria	1	..	..	1	..	1	..	..	1	1	..
Measles and Croup	1	..	..	..	..	..	1	..	1	1	..
Pertussis	1	..	..	1	..	1	..	..	1	1	..
Diphtheria	1	..	..	1	..	1	..	..	1	1	..
Typhus fever .....	..	1	5	..	2	2	..	4	4	6	2
Observation .....	..	..	..	..	..	..	..	..	..	..	..
Variola	1	..	..	1	..	1	..	..	1	1	..
Scarlatina	1	1	..	..	1	1	1	..	1	2	..
Measles .....	..	..	1	..	1	1	..	..	1	1	3
Total	107	32	55	40	73	113	38	43	81	194	48

TRANSFERRED TO WILLARD PARKER HOSPITAL.

Observation	5	1	2	3	..	2	2	5	..
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DEATHS.

Variola	3	1	..	1	..	2	2	3	..
Cholera, Asiatica	1	1	1	1	..
Total	4	1	1	2	..	2	2	4	..

Dead bodies received during the quarter

REMAINING IN HOSPITAL SEPTEMBER 30, 1892.

Observation	2	1	1	2	2	1
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RECAPITULATION OF REPORT FOR QUARTER ENDING SEPTEMBER 30, 1892.

	REMAINING IN HOSPITAL JUNE 30, 1892.		ADMITTED DURING THE QUARTER.		DISCHARGED DURING THE QUARTER.		TRANSFERRED DURING THE QUARTER.		DIED DURING THE QUARTER.		REMAINING IN HOSPITAL SEPTEMBER 30, 1892.					Mothers.
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Native.	Foreign.	Total.	
Variola	47	28	..	..	46	26	1	2	..	..	..	..	..	..
Scarlatina	15	9	..	..	15	9	..	..	..	..	..	..	..	..
Scarlatina and Measles	1	1	..	..	1	1	..	..	..	..	..	..	..	..
Measles	43	40	..	1	43	39	..	..	..	..	..	..	..	..
Measles and Diphtheria	1	..	..	..	1	..	..	..	..	..	..	..	..	..
Measles and Croup	1	..	..	..	1	..	..	..	..	..	..	..	..
Pertussis	1	..	..	..	1	..	..	..	..	..	..	..	..	..
Pertussis and Diphtheria	1	..	1	..	..	..	..	..	..	..	..	..	..	..
Diphtheria	1	..	..	..	1	..	..	..	..	..	..	..	..	..
Typhus Fever	2	4	..	..	2	4	..	..	..	..	..	..	..	..
Observation	1	..	15	3	..	..	3*	2*	..	2	..	1	1	1	2	1
Observation, Variola	1	..	..	..	..	..	..	..	..	..
Observation, Scarlatina	1	1	..	..	..	..	..	..	..	..
Observation, Measles	1	..	..	..	..	..	..	..	..	..
Observation, Cholera Asiatica	1	..	..	..	..	..	..	..	..
Observation, No case	7	..	..	..	..	..	..	..	..	..	..	..
Total	1	..	127	86	8	1	116	83	2	2	2	..	1	1	2	1

* To Willard Parker Hospital.

RIVERSIDE HOSPITAL, NORTH BROTHER ISLAND.
SMALL-POX.

CLASSES.	City.	Quarantine.	Public Hospitals.	Other Places.	Male.	Female.	White.	Colored.	Native.	Foreign.	Total.
Remaining June 30, 1892	13	2	4	1	14	6	15	5	12	8	20
Admitted	73	5	11	1	58	32	84	6	51	39	90
Total treated	86	7	15	2	72	38	99	11	63	47	110
Died	15	1	2	..	14	4	16	2	15	3	18
Discharged	58	6	12	1	48	29	69	8	40	37	77
Remaining September 30, 1892	13	..	1	1	10	5	14	1	8	7	15

Mortality, 16.4 per cent.

LEPROSY.

CLASSES.	City.	Quarantine.	Public Hospitals.	Other Places.	Male.	Female.	White.	Colored.	Native.	Foreign.	Total.
Remaining June 30, 1892	1	..	..	..	1	..	..	1	..	1	1
Admitted .....	..	..	..	..	..	..	..	..	..	..	..
Total treated	1	..	..	..	1	..	..	1	..	1	1
Died .....	..	..	..	..	..	..	..	..	..	..	..
Discharged .....	..	..	..	..	..	..	..	..	..	..	..
Remaining September 30, 1892	1	..	1	..	1	..	..	1	..	1	1

Mortality, 0 per cent.

SCARLET FEVER.

Remaining June 30, 1892	15	1	2	5	13	10	23	..	11	12	23
Admitted	19	1	10	5	20	15	35	..	16	19	35
Total treated	34	2	12	10	33	25	58	..	27	31	58
Died	3	..	..	..	..	3	3	..	1	2	3
Discharged	20	2	6	7	21	14	35	..	17	18	35
Remaining September 30, 1892	11	..	6	3	12	8	20	..	9	11	20

Mortality, 5.2 per cent.

SCARLET FEVER AND MEASLES.

Remaining June 30, 1892	4	11	1	4	11	9	20	..	8	12	20
Admitted	2	7	..	2	6	5	11	..	4	7	11
Total treated	6	18	1	6	17	14	31	..	12	19	31
Died	2	8	..	..	6	4	10	..	2	8	10
Discharged	4	10	1	5	11	9	20	..	9	11	20
Remaining September 30, 1892 .....	..	..	..	1	..	1	1	..	1	..	1

Mortality, 32.3 per cent.

MEASLES.

Remaining June 30, 1892	6	31	6	7	18	32	50	..	11	39	50
Admitted	20	47	12	10	47	42	88	1	26	63	89
Total treated	26	78	18	17	65	74	138	1	37	102	139
Died	1	7	2	2	6	6	12	..	5	7	12
Discharged	23	71	16	14	58	66	123	1	32	92	124
Remaining September 30, 1892	2	..	..	1	1	2	3	..	..	3	3

Mortality, 8.6 per cent.

WHOOPIING COUGH.

Remaining June 30, 1892 .....	..	..	..	..	..	..	..	..	..	..	..
Admitted	1	..	..	..	1	..	1	..	1	..	1
Total treated	1	..	..	..	1	..	1	..	1	..	1
Died .....	..	..	..	..	..	..	..	..	..	..	..
Discharged	1	..	..	..	1	..	1	..	1	..	1
Remaining September 30, 1892 .....	..	..	..	..	..	..	..	..	..	..	..

Mortality, 0 per cent.

TYPHUS FEVER.

Remaining June 30, 1892 .....	..	1	2	..	3	..	3	..	..	3	3
Admitted .....	..	4	1	..	1	4	5	..	..	5	5
Total treated .....	..	5	3	..	4	4	8	..	..	8	8
Died .....	..	..	..	..	..	..	..	..	..	..	..
Discharged .....	..	5	3	..	4	4	8	..	..	8	8
Remaining September 30, 1892 .....	..	..	..	..	..	..	..	..	..	..	..

Mortality, 0 per cent.

DIPHTHERIA.

Remaining June 30, 1892 .....	..	..	..	..	..	..	..	..	..	..	..
Admitted	3	..	5	2	8	2	10	..	9	1	10
Total treated	3	..	5	2	8	2	10	..	9	1	10
Died .....	..	..	..	..	..	..	..	..	..	..	..
Discharged	1	..	2	2	3	2	5	..	4	1	5
Remaining September 30, 1892	2	..	3	..	5	..	5	..	5	..	5

Mortality, 0 per cent.

TOTAL CASES TREATED.

CLASSES.	City.	Quarantine.	Public Hospitals.	Other Places.	Male.	Female.	White.	Colored.	Native.	Foreign.	Total.
Remaining June 30, 1892.....	39	46	15	17	60	57	111	6	42	75	117
Admitted.....	118	64	39	20	141	100	234	7	107	134	241
Total treated.....	157	110	54	37	201	157	345	13	149	209	358
Died.....	21	16	4	2	26	17	41	2	23	20	43
Discharged.....	107	94	40	29	146	124	261	9	103	167	270
Remaining September 30, 1892.....	29	..	10	6	29	16	43	2	23	22	45

Mortality 12.01 per cent.

MOTHERS AND CHILDREN ACCOMPANYING.

Remaining June 30, 1892.....	..	15	..	3	..	18	18	..	3	15	18
Admitted.....	21	28	1	1	4	47	51	..	6	45	51
Total treated.....	21	43	1	4	4	65	69	..	9	60	69
Died.....	..	..	..	..	..	..	..	..	..	..	..
Discharged.....	17	43	1	4	4	61	65	..	9	56	65
Remaining September 30, 1892.....	4	..	..	..	..	4	4	..	..	4	4

Average daily census for quarter—

Patients.....	71.91
Help.....	58.98

Total..... 130.89

Number of dead bodies received, 8.

Total number of trips made by steamboat "Franklin Edson," 156.

RECAPITULATION OF REPORT.

	REMAINING JUNE 30, 1892.			ADMITTED.			TOTAL TREATED.			DIED.			DISCHARGED.			REMAINING SEPTEMBER 30, 1892.		
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
Small-Pox.....	14	6	20	58	32	90	72	38	110	14	4	18	48	29	77	10	5	15
Leprosy.....	1	..	1	..	..	..	1	..	1	..	..	..	..	..	..	1	..	1
Scarlet Fever.....	13	10	23	20	15	35	33	25	58	3	3	21	14	35	12	8	20	20
Scarlet Fever and Measles.	11	9	20	6	5	11	17	14	31	6	4	10	11	9	20	..	1	1
Measles.....	18	32	50	47	42	89	65	74	139	6	6	12	58	66	124	1	2	3
Typhus Fever.....	3	..	3	1	4	5	4	4	8	..	..	..	4	4	8	..	..	..
Whooping Cough.....	..	..	..	1	..	1	1	..	1	..	..	..	1	..	1	..	..	..
Diphtheria.....	..	..	..	8	2	10	8	2	10	..	..	..	3	2	5	5	..	5
Total by Sexes.....	60	57	117	141	100	241	201	157	358	26	17	43	146	124	270	29	16	45

HEALTH DEPARTMENT—CITY OF NEW YORK,
DIVISION OF CONTAGIOUS DISEASES,
September 30, 1892.

CYRUS EDSON, M. D., Sanitary Superintendent:

SIR—I have the honor to report as follows in regard to the cases of small-pox which have occurred in New York City during the quarter ending this date:

On July 7 two men were reported ill with small-pox at the New York Hospital, who had contracted the disease from a case which was sent from there to Reception Hospital June 24.

Although vaccination was performed at that time by the authorities of the hospital on all unprotected persons in the building, many of the vaccinations, owing probably to the extreme hot weather at that time of the year, were not successful.

At the time of the re-occurrence of the disease in the hospital general vaccination was performed there by an Inspector from this Department. Thereafter one case only developed, which was removed to the Reception Hospital on the 15th day of July.

Late in the evening on July 24 the police reported a case of small-pox at No. 530½ Broome street, near Thompson street. An Inspector was immediately sent there and found four children ill with small-pox from one to three weeks' duration. Strenuous efforts were made on the part of the occupants of the house to prevent the Inspector from seeing these cases. Two days later another case developed in the same house. From this source of contagion eighteen other cases occurred in the neighborhood.

There were many obstacles to overcome in connection with these cases: First, the objection of many of the people to vaccination, and second, a greater dread of the hospital than of the disease. They would do everything in their power to conceal the fact that any of their friends, relatives or neighbors were ill with small-pox.

July 15 a case of small-pox was reported at No. 25 Pitt street. Upon search and investigation on the part of the Inspector four children were found in the same family suffering from the disease, and were at once removed to the Reception Hospital, the rooms fumigated, the bedding taken to Sixteenth street and disinfected with steam. The residents in this neighborhood were thoroughly vaccinated. The only case of small-pox which developed here thereafter, happened on August 4 in the same house.

During the months of July and August five cases were received from Quarantine and transferred to Riverside Hospital.

August 31 Rox Malle and his two children were found in the rear house of No. 237 West Forty-sixth street by a member of the Summer Corps during his investigation among the sick poor of the city. These children had been ill over a week, and had not been attended by a physician. The usual course of action as regards disinfection, vaccination and fumigation was taken, and no other case developed.

September 3 Philip Alt was removed to the hospital from No. 329 West Sixty-seventh street, where he had been sick for two weeks, the attending physician having failed to recognize the nature of the case. The following day our Inspector found three other cases of small-pox in the neighborhood. The residents in that locality were all vaccinated, and only one more case developed.

September 6 cases were reported in the "Annexed" District of the city, and, up to this date ten cases have occurred there in different localities.

Vaccination is now being offered throughout that portion of the city, which will doubtless cause a cessation of the disease there.

The following is a tabulated summary of cases that have occurred:

Total Number of Cases.

	MALE.	FEMALE.
Under 5 years of age.....	14	14
From 5 to 15 years of age.....	4	8
From 15 to 25 years of age.....	13	6
From 25 to 45 years of age.....	28	11
Over 45 years of age.....	6	1
Total.....	65	40

Total Number of Deaths.

	MALE.	FEMALE.
Under 5 years of age.....	6	4
From 5 to 15 years of age.....	1	1
From 15 to 25 years of age.....	3	1
From 25 to 45 years of age.....	4	2
Over 45 years of age.....	3	..
Total.....	17	8

Respectfully submitted.

CHARLES F. ROBERTS, M. D., Chief Inspector.

HEALTH DEPARTMENT, CITY OF NEW YORK,
DIVISION OF CONTAGIOUS DISEASES,
September 30, 1892.

CYRUS EDSON, M. D., Sanitary Superintendent:

SIR—I have the honor to report as follows in regard to the cases of typhus fever that have occurred in this city during the quarter ending September 30, 1892.

On July 15 Mary Robbinowitch was received from Quarantine, having arrived on the steamship "Nevada," and on the following day Haecka and Naomi Norman were received from the same steamer.

Nachma Goldstein was found ill with typhus fever at Quarantine July 18, having arrived on the steamship "Tasmania," and was removed to Riverside Hospital.

The only case that occurred in the city proper during this quarter was on July 18, when the Superintendent of Mt. Sinai Hospital reported that there was a suspicious case in their isolating ward.

Upon investigation by the Medical Sanitary Inspector it was found that Harris Mainin, of No. 57 Suffolk street, was ill with typhus fever.

He was removed to the Reception Hospital, and then transferred to North Brother Island, All the bedding and clothing in the room which he occupied in the isolating ward at Mt. Sinai Hospital, and also in his apartment at No. 57 Suffolk street, were removed to the disinfecting station in East Sixteenth street and cremated.

The ward of hospital and rooms in Suffolk street were thoroughly disinfected and fumigated.

The premises at No. 57 Suffolk street were placed under quarantine for a period of three weeks, and all the children in house were excluded from school. The house was visited by a Medical Sanitary Inspector every second day, and thorough investigation of all families failed to reveal any other case of this disease.

The following is a tabulated statement of the cases that have occurred:

Typhus Fever.

No.	DATE OF ADMISSION.	NAME.	AGE.	SEX.	COLOR.	CIVIL CONDITION.	NATIVITY.	OCCUPATION.	RESIDENCE.	RESULT.	DATE OF DISCHARGE.
219	July 15	Mary Robbinowitch.....	20	Female.....	White.....	Single.....	Russia.....	.....	Steamship "Nevada".....	Discharged.....	August 17
220	" 16	Haecka Norman.....	18	".....	".....	".....	".....	.....	".....	".....	" 17
221	" 16	Naomi Norman.....	15	".....	".....	".....	".....	.....	".....	".....	" 10
222	" 18	Nachma Goldstein.....	20	".....	".....	".....	Poland.....	.....	" "Tasmania".....	".....	" 17
223	" 18	Harris Mainin.....	22	Male.....	".....	".....	Russia.....	Lithographer.....	Mt. Sinai Hospital; No. 57 Suffolk street.....	".....	" 8

Respectfully submitted.

CHARLES F. ROBERTS, M. D., Chief Inspector.

HEALTH DEPARTMENT—CITY OF NEW YORK,
DIVISION OF CONTAGIOUS DISEASES,
September 30, 1892.

CYRUS EDSON, M.D., Sanitary Superintendent:

SIR—I have the honor to submit the following report respecting the cases of "Cholera Asiatica" that have occurred in the City of New York for the quarter ending September 30, 1892.

The fact that an epidemic of cholera had occurred in Russia, and that it was slowly making its way through Western Europe, together with the report of its development in other portions of the Continent, made it necessary for all interested in the preservation of the health of our city to be on the alert for the appearance of this disease in our midst.

The first case reported in this city was brought to the notice of the Board on the evening of September 5, and was followed during the month by nine other cases.

The clinical histories of these patients, the investigation of the source of the disease, the sanitary surroundings in every case, and the measures adopted to limit the spread of the disease form the subdivisions of this report.

CLINICAL HISTORIES.

Case I.

Charles McAvoy, reported September 5, aged 32 years, born in Ireland, eight years in the United States, employed as a plasterer's helper, residing on the third floor of No. 879 Tenth avenue, a five-story brown stone tenement, occupied by ten families, with a census of 38 persons.

Since January first of this year he had been indulging in alcoholic stimulants to great excess, intoxicated a greater part of the time, and unable to work on that account.

About three weeks prior to the beginning of this attack he had discontinued the use of stimulants, and had been steadily and constantly at work as a hod carrier, but during this time he seemed to be suffering from lack of the stimulation in which he had ordinarily indulged.

For a day or two previous to September 5, 1892, he had a slight painless diarrhoea, which, however, did not prevent him from working, but on that night the diarrhoea increased. He returned from his work, ate a hurried supper, and was heard frequently going to the water-closet, the diarrhoea evidently having increased in severity.

The following morning he arose feeling very weak, but went to his work as usual, he returned home about ten o'clock with a very violent diarrhoea, muscular debility and tremors. At 2.30 P.M. Dr. Robert Deshon was called to attend him. During the afternoon he vomited once, but after two o'clock had no diarrhoea.

He complained constantly of the severity of the cramps in his abdomen and limbs; his axillary temperature was 100½ degrees Fahrenheit.

Dr. Deshon again saw him at half-past eight o'clock in the evening, when his axillary temperature was 97½ degrees Fahrenheit. He then presented all the symptoms of collapse.

Dr. Henry F. Robinson was called in consultation at 9.15 P.M. At that time he was in a state of stupor and died at 9.30 P.M.

The case was reported to the Health Department on September 5 at 9.25 P.M., and was immediately visited by Medical Sanitary Inspector Blauvelt and a specimen of the discharges procured for bacteriological examination. The body was placed in a metallic casket and buried.

Case II.

Peter Callahan, reported September 10, aged 30 years, born in Ireland, four months in the United States, employed as a stableman at the corner of Grand and Cherry streets, residing on the third floor of No. 319 East Forty-seventh street, a brick tenement of four stories, occupied by nine families, with a census of forty-two persons.

Since arrival in this country the patient had not been in good health, and at times was unable to follow his occupation.

On the night of Monday, September 5, he was attacked with diarrhoea, vomiting and cramps in his limbs, and during the night had four watery discharges. On Tuesday the vomiting and diarrhoea were much more frequent, probably ten to twelve times during the day.

Both the vomitus and fecal discharges were of a thin, yellowish character, very offensive and copious.

At noon the following day, i.e., Wednesday, September 7, there was complete cessation of the symptoms mentioned, but entire suppression of the urine occurred.

On Thursday, September 8, there was no return of the vomiting or cramps, but suppression of the urine still continued.

On Friday, September 9, the situation was unchanged, and he died on Saturday at 8 A.M.

He was attended by Dr. Burton, of No. 223 East Forty-eighth street, and Dr. Gillespie, of No. 319 East Fifty-fifth street.

The case was reported to the Health Department and was visited by Medical Sanitary Inspector Doty, who reported the case to this Division as suspicious of "Cholera Asiatica." The premises were thoroughly disinfected by the Health Department. The body was placed in a metallic casket and buried.

Cases III and IV.

William Wiegmann, aged 52 years, born in Germany, thirty years in the United States, employed as a gut cleaner; and Sophia Wiegmann (his wife), aged 63 years, also born in Germany, thirty-two years in the United States, both residing on the fourth floor of No. 768 Eleventh avenue, a four-story brick tenement, occupied by four families, with a census of sixteen persons. (Reported Sunday, September 11, at 10.45 A.M.)

William Wiegmann was taken ill September 3 with vomiting and diarrhoea. The following day, being somewhat improved in health he went to Athenia, near Paterson, N.J., for a visit. He there grew worse and returned to this city September 6, when he was attended by Dr. Fruitnight of No. 161 West Fifty-seventh street, but the diarrhoea continued and he died on September 10 at 5 A.M.

Sophia Wiegmann, his wife, was taken ill on the night of the 10th of September, the day on which her husband died, with watery diarrhoea and vomiting, and during the night she had frequent movements, each being of rice-water appearance and consistency. Dr. Fruitnight was called in the morning and found her in a state of collapse. He called Dr. J. Lewis Smith and Dr. Charles E. Young in consultation, and they, regarding the case as suspicious of "Asiatic Cholera," notified the Health Department.

During the afternoon she rallied a little in response to the treatment, but only for a short time, and died on September 11 at 4 P.M.

The cases were visited by Medical Sanitary Inspector Dillingham, who procured specimens of the fecal discharges and forwarded them to the bacteriological laboratory for investigation.

Both bodies were subsequently removed to the Reception Hospital, at the foot of East Sixteenth street, and subjected to post-mortem examinations, and additional specimens for bacteriological research were obtained. The bodies were placed in metallic caskets and buried.

Case V.

Minnie Levinger, reported on September 11, aged 20 months, born in the United States, residing on the third floor of No. 411 East Forty-sixth street, a four-story brick tenement, occupied by ten families, with a census of forty-one persons.

On Saturday, September 10, Minnie Levinger, from being apparently in her usual good health, was taken ill, at 8 P.M., with profuse vomiting and watery diarrhoea, and was attended by Dr. Hasslock, of No. 932 Second avenue, at 10 P.M. She died at 4 A.M. on September 11.

The body was removed to the Reception Hospital where, after a post-mortem examination, it was placed in a metallic casket and buried.

Cases VI. and VII.

Charlotte Beck, aged 31 years, born in Germany, thirty years in the United States, and Charles Beck (her husband), aged 35 years, born in Germany, thirty years in the United States, marketman, both residing on the top floor of No. 1764 Second avenue, a five-story brick tenement, occupied by twenty families, with a census of forty-five persons. (Reported September 13 at 8 A.M.)

The first-mentioned case was visited by Medical Sanitary Inspector Doty, and the following clinical history obtained:

She was attacked at 7 P.M., September 12, with profuse diarrhoeal discharges and vomiting, followed at 11 P.M. by severe cramps of limbs and abdomen. This condition lasted the entire night, and in the morning Dr. E. Vandergoltz, of No. 193 Second avenue attended her. She died at 1.05 P.M.

The body was removed to the Reception Hospital, and, after a post-mortem examination had been made, and specimens for bacteriological research obtained, was placed in a metallic casket and buried.

In the investigation of this case by the Medical Sanitary Inspectors of the Department, it was ascertained that Charles Beck, on the night of September 5, drank freely of lager beer and whiskey, and ate cold meats and salad, to celebrate a birthday anniversary.

About 6 P.M. of that day he was seized with a painless diarrhoea, and between that hour and 5 A.M. the next morning had five or six watery movements. He went to his work as usual, but vomited freely during the morning and returned to his home at 2 P.M. From Tuesday afternoon till Friday night he suffered constantly with profuse watery discharges from the bowels and with vomiting, had cramps in the limbs and abdomen, was extremely prostrated and unable to work. On Satur-

day he was much improved, and on Sunday seemed to have entirely recovered, but was still very weak. He was attended during his illness constantly and assiduously by his wife.

Case VIII.

John Knox, reported on September 18, at 7 P.M., aged 41 years, born in Ireland, a fireman on the Allan Line Steamer "State of Nevada," lying at the foot of West Twenty-first street. She sailed from Glasgow on September 3, 1892, cleared Quarantine September 17, had 55 immigrants, 107 second-class and 115 first-class passengers, all Irish and Scotch.

The patient had been on the ship all summer, had not been ill on the voyage, went ashore on September 17 about 7 P.M., returning at 9 P.M., was taken ill at 4.30 A.M., September 18, with diarrhoea, slight vomiting and cramps in limbs and abdomen, and was attended by Dr. Russell, the ship's surgeon. He had four watery fecal discharges from 8 to 12 A.M. when the diarrhoea and vomiting ceased. He died at 7.30 P.M.

The body was wrapped in sheets, saturated in bi-chloride solution, placed in a coffin and taken to the Reception Hospital at the foot of East Sixteenth street, where a post-mortem examination was made and specimens for bacteriological investigation obtained.

The body was placed in a metallic casket and buried.

Case IX.

Louis Weinhagen, reported September 19, at 5 P.M., aged 33 years, born in Germany, seven years in the United States, coachman by occupation, residing on the second floor of the rear house at No. 14 First street.

He came from Bay Shore, Long Island, on September 8, where he had been living during the summer, in the employ of Mr. Schlemmer, and since his return to the city had been unemployed.

He had been suffering two or three days with diarrhoea, vomiting, cramps in abdomen and limbs, but was not confined to his bed until the morning of September 18.

He was not attended by a physician, but the case was reported to the Health Department by the occupants of the premises, and was visited by Medical Sanitary Inspector Benedict, who ordered his immediate removal to the Reception Hospital, where he was treated.

He died September 23, at 6 A.M.

A post-mortem examination was made and specimens procured for bacteriological research. The body was placed in a metallic casket and buried.

Case X.

Joseph Miller, reported September 29, at 4 A.M., aged 47 years, born in Germany, ten years in the United States, marketman by occupation, residing on the first floor of No. 255 West Twenty-ninth street.

The patient was attacked at 6 P.M. on September 28, with watery discharges, the first colored brown and the rest rice water in character; there was no pain in the abdomen, but there were cramps in the legs; he was not attended by a physician.

He died in a state of collapse on September 29, at 2.30 P.M.

The body was removed to the Reception Hospital, post-mortem examination performed, and specimens taken for bacteriological research. The body was placed in a metallic casket and buried.

RESULT OF SANITARY INSPECTION OF PREMISES WHERE CHOLERA EXISTED.

The sanitary condition of the premises as regards plumbing, etc., was thoroughly investigated by the Lay Sanitary Inspectors, with the following results:

Case I.

No. 879 Tenth avenue—The following sanitary defects were found: Water-closets and traps of sinks and bath-tubs were faulty, and water-closet on top floor was not properly flushed.

An order of the Health Department was made on the owner of the premises to have these defects remedied.

Case II.

No. 318 East Forty-seventh street—No sanitary defects were found at premises.

Cases III. and IV.

No. 768 Eleventh avenue—No sanitary defects were found.

Case V.

No. 411 East Forty-sixth street—No sanitary defects were found.

Cases VI. and VII.

No. 1764 Second avenue—No sanitary defects were found.

Case VIII.

Steamship "State of Nevada" was found in good sanitary condition.

Case IX.

No. 14 First street—Sanitary defects were found in regard to some of the waste-pipes and water-closets in the house, and an order from the Department was made rectifying the same, and that the walls and ceilings be cleaned and whitewashed.

Case X.

No. 255 West Twenty-ninth street—No sanitary defects were found.

STUDY OF ETIOLOGY.

Case I.

Charles McAvoy, No. 879 Tenth avenue. McAvoy was an unmarried man and lived with Mrs. Ellen McCarthy, with whom there were also boarding the following:

Mary McCarthy, living at home.

Patrick Conroy, employed in the stable at No. 36 West Fifty-seventh street.

Ellen Duffy, employed during the day in housework for Mrs. McCarthy.

Thomas McGuire, bartender in the saloon at the corner of West Forty-ninth street and Tenth avenue.

Thomas Currie, Inspector of Sewers.

William Burns, carpenter.

Owen McPhillips, plasterer.

Patrick Holland, clerk in butter store on the east side of Tenth avenue, between Fifty-third and Fifty-fourth streets.

Thorough investigation has failed to show any illness among the above-mentioned persons living in that family.

For some weeks before the attack of cholera, McAvoy had been in the employ of Michael Power, a boss plasterer, and had been engaged in carrying mortar on the tenth floor of Have-meyer's building, corner of Cortlandt and Church streets.

Since the time he had discontinued the use of alcoholic stimulants he had remained home at evenings and Sundays.

Mrs. McCarthy received no visitors, and careful investigation failed to show any contact with persons, baggage, or goods of any kind from an infected source.

McAvoy ate breakfast and dinner at home and carried for his noon meal a lunch consisting of bread and cold meat, which was prepared at home.

According to the statement of some of his fellow workmen, he was in the habit of visiting a saloon at the corner of Cortlandt and Church streets for beer and free lunch.

Case II.

Peter Callahan lived with his sister, Mrs. McCallan, at No. 318 East Forty-seventh street. The family consisted of the following six persons:

Peter Callahan, helper in stable.

Mrs. McCallan, housewife.

Ann McCallan, Mary McCallan and John McCallan, children, attending the Cathedral school but at the time of illness at home for vacation.

James Callahan, who had been an employee of the brewery on East Forty-seventh street but at the time of the illness was idle.

The family ate all their meals at home, with the exception of the patient, who took to his work a lunch prepared at home.

The family made and received no visits, and careful investigation failed to trace any connection with foreign persons or goods. No one in the family or house, with the exception of the patient, has been ill since August.

Callahan was engaged as helper in the car stable at the foot of Cherry street, near the East river, for three weeks previous to his illness. His work was irregular—some days having several hours' employment, other days none. His duty was to sift sand, carry tracks, and do other laborer's work.

No immigrants have been or are employed in the stable, and no cases of diarrhoeal disease have been known to exist among the regular employees there for the last two months.

Cases III and IV.

William and Sophia Wiegmann of No. 768 Eleventh avenue.

The family consisted of the following six persons:

William Wiegmann, employed in Enser's tripe factory in cleaning the entrails and preparing pigs' feet for pickle.

Sophia Wiegmann, employed at home as housewife.

William Wiegmann, Jr., employed in Decker's piano factory in West Thirty-fifth street, near Eighth avenue, until a few days prior to his father's death.

Henry Wiegmann, employed in Steck's piano factory in West Forty-eighth street, near Tenth avenue.

Frank Wiegmann, employed in Bent's piano factory in West Fifty-second street.

Dora Wiegmann, busy at home helping her mother.

William Wiegmann went to his work about 4 A. M., came home at 7 A. M. to his breakfast, which he ate apart from the rest of the family, again for his dinner at noon, and at about 7 P. M., for his supper, another meal at which he was usually alone. He sometimes drank beer, but was never intoxicated.

The entire family ate at home except the oldest son, who took a lunch prepared at home.

The patient's habits are said to have been cleanly; he always removed the clothing that he wore while engaged in his work and came home in a clean suit; he never ate any raw meat, but always insisted on having it well done.

He had made no visits and received none for a couple of months before his illness, and no goods from a distance had come to the house, and in general no contact with person or baggage from an infected source could be discovered.

William Wiegmann and his wife went to Paterson by train, reaching there about noon Saturday, September 3, and walked the three miles to Windhorst's house in Athenia. There they both stayed, with one exception, till the afternoon of the next day, when they walked back to Paterson and took the 5.45 train to New York. The exception referred to is that Wiegmann took a walk Saturday of about a mile to see the neighborhood, but did not make any calls. Wiegmann's bowels were somewhat loose, but whenever need pressed he went out to the privy and did not have any stools in the house.

The Windhorst family consists of father, mother, son and daughter. They occupy the whole of a two-story wooden house, situated in the middle of a four-acre lot. They have had no servant and have not had any visitors except the Wiegmanns. During the summer, too, they made no visits, all men and women, being busily engaged on the place in market gardening. The produce was driven in three times a week by the son and carried to dealer. There is only one house close by, and that is about 300 feet away, but there is some intercourse between the families. It was learned, however, that this neighbor's family consisted during September of four persons, father, mother, baby and servant. All these had lived there for months, and there were no lodgers or visitors. This family also was busy in market gardening. There has been no illness in either family, and none in the neighborhood. The Windhorsts do not know any persons who have recently come from Europe. They keep a cow and raise much of their own food.

The market gardeners through that part of Athenia are mostly Germans, and are in the habit of employing help, whenever necessary, for from a week to a month at a time, and get this help from some intelligence office on Greenwich or Washington street, New York. The men and women who go out as help are usually Germans or Poles, and frequently freshly arrived immigrants.

Dr. Leal, Chief Inspector of the Paterson Board of Health, says that no deaths from suspicious diarrhoeal troubles came to his knowledge, either in Paterson or adjacent districts, during September. There are two slaughter-houses there which do a small business in killing hogs and sheep, but not cattle. There is a colony of Poles (some Jews) on one of the streets in the city, and among them are frequently recent immigrants. Dr. Leal says that the State Board of Health sent word that three immigrants from infected ships left Quarantine with Paterson for their destination. He did his best to find them, but failed, and thinks they probably did not come to Paterson.

At the news of Wiegmann's death, the Health Board quarantined Windhorst's house and disinfected it, paying special attention to the privy. The Board did the same to the house of Mrs. Van Doehl, who attended the funeral of the Wiegmanns. Mrs. Van Doehl is the daughter of Mrs. Windhorst, and lives about a mile away from her in Athenia.

At the time of Wiegmann's visit there was a large pile of manure freshly deposited in the yard back of the house. This was brought on a canal-boat (the yard borders on the Morris and Essex Canal) and was obtained from Thomas Daw of No. 314 West Fortieth street, New York, who makes a business of supplying manure. There is a rumor, which has been denied, that this manure contained offal from New York slaughter-houses.

The Paterson Health Board knows of only one recent immigrant who visited near the Windhorsts'. This person was a woman who came over in the "Van Dam," and spent some time at a house a mile away from the Windhorsts'. No connection was traced between the houses.

Case V.

Minnie Levinger, No. 411 East Forty-sixth street.

The family consists of the following eight persons:

The father, Adolph Levinger, employed in a slaughter-house.

The mother, Lena Levinger, employed at home as housewife.

The oldest daughter, a domestic employed on Seventy-second street, but not at home for two weeks before the child's illness.

Fred. Levinger and Benjamin Levinger, in East Forty-second Street Grammar School.

John Levinger and Joe Levinger, in the East Forty-sixth street Primary School.

Minnie Levinger, the patient, weaned at eight months, and eating everything at the family table.

Levinger was employed by Schwarzschild & Sulzberger in sweeping the blood running from the cut throats of slaughtered animals along a gutter to a pipe which discharges into a box in the cellar. This work did not require him to touch the meat of the animals. He reported in the morning for duty at the time the killing began, from two to six o'clock, and worked until the killing was over for the day. He came home for all meals, and washed his hands and face before coming home. While at work he wore a special blouse and trousers, which were changed at night for a clean pair.

An accurate census of all the employees of Schwarzschild & Sulzberger was taken from the books of the house, and all the families were visited by an Inspector. There were 391 in number, consisting of 1,896 persons, and no evidence of diarrhoeal disease was found.

He belonged to the E. O. B. R. Lodge, which meets every two weeks at No. 128 Columbia street, and he attended the last meeting eight or ten days before the illness.

He had one brother living in the lower part of the city, but sees him only at the lodge.

Mrs. Levinger had no friends and made no visits.

One possible source of foreign infection was found in this case: on August 25, Mrs. Spitzer, living on the first floor of the same house as Levinger, visited Ellis Island and brought four girls home with her who had come in the steamer "Friesland" from Antwerp. They were to board with her until they could procure situations as servants. Not having sleeping accommodations for all of them, she sent two, Lena and Sarah Kohut, up-stairs with their baggage to Mrs. Levinger, and there these two opened their baggage, lived, ate and slept. They remained there two days, and then left with all their things.

Before crossing the ocean they had been in Vienna and Leitnich, near Hollick. None of the girls and none of the families with whom they subsequently lived have been taken ill.

Levinger's personal habits are good, and he rarely drinks, and never eats raw meat, although he likes his meat rare.

The entire family ate at home, and their food was brought from all the provision and grocery stores in the neighborhood, wherever the prices happened to be low.

They never ate fish, pork, mutton or turnips, and of fruit they ate only apples.

No illness can be traced in the house or among the men who composed the gang with whom Levinger worked.

Cases VI. and VII.

The family consists of the following three persons:

Charles Beck, driver for Pearsall, wholesale butcher, Fulton Market.

Charlotte Beck, employed at home as housewife.

Baby Beck, a minor.

Mr. Beck goes to work at from two to four in the morning, eats breakfast and dinner at the Fulton Market, in saloon under Pearsall's store. He takes supper at home.

He drinks beer regularly, but is never intoxicated.

The birthday party referred to in the clinical history was given by the saloon-keeper Proesbel in the saloon corner of Ninety-second street and Second avenue, and the supper consisted of beer, cold beer, ham and beef, with lobster, chicken and potato salad; no bologna, no corned beef, no wine and no whiskey.

No one else of those at the party has presented any symptoms of diarrhoeal disease.

Case VIII.

The most thorough investigation has failed to find any facts in regard to this case further than those given in the clinical history.

Case IX.

When Weinhausen came from Bay Shore with Mr. Schlemmer's horses, he left them with Merriam, on East Eighty-third street, and thereafter he spent his time at the house on First street, rooming at Room No. 11, on the second floor, with Michael Bauer, and having money enough to support himself, he did not look for work. He did not go out evenings, but was about the house most of the time, and ate there regularly. He was, however, a greedy eater.

The house occupied is one of a group of five houses opening on First street, and also on Extra place. They are leased and conducted as lodging and boarding houses by Mrs. Gunther, who lives on the premises with her family, consisting of four persons, and three employees. The total number of lodgers in these premises at the time Weinhausen was attacked, was one hundred and eighty-two, although the capacity of the house when all the rooms were occupied was two hundred and twenty-five.

Only male boarders or lodgers are received, who occupy the different rooms in the house.

The first floor of No. 4 Extra place is used as a dining-room in common. The tables there have a seating capacity for about sixty persons at one time. Everything there seemed designed to spread infection, but no one else suffered, and careful investigation failed to show any contact with foreign infection among the persons or baggage of the occupants of the premises.

Case X.

Joseph Miller, No. 255 West Twenty-ninth street.

The family consisted of the following four persons:

Joseph Miller, employed in New Market, East One Hundred and Third street and First avenue.

Sophia Miller, employed at home as housewife.

Charles Miller and Joe Miller, at Thirtieth Street Grammar School.

Miller went to work between one and two in the morning, breakfasted and lunched in the neighborhood of New Market, probably at the restaurant on east side of First avenue between One Hundred and Third and One Hundred and Fourth streets, returned home between four and five P. M., and dined at home. His work consisted in selling vegetables and fruit (but no meat) from a sidewalk stand.

Evenings were usually spent at home, but he belonged to the American Legion of Honor, and had attended a meeting of the lodge a week before his illness.

He had one sister in the city, but had not visited her for two months.

His wife, Sophia Miller, visits frequently her brother, at No. 447 West Twenty-eighth street, and occasionally a friend, Böller, on West Seventeenth street, between Ninth and Tenth avenues.

The boys go to Sunday school on West Thirtieth street, between Seventh and Eighth avenues.

No other visits were made by the family, and no visits received.

It is to be noted that all the family except John Miller ate all their meals at home; that John Miller drank beer occasionally, but never to excess; and that he liked his meat well done, and never ate bologna.

Action Taken by the Health Department.

During the months of July and August the following general orders were issued by this Division:

HEALTH DEPARTMENT—CITY OF NEW YORK,
DIVISION OF CONTAGIOUS DISEASES,
July 25, 1892.

To the Medical Sanitary Inspectors and Disinfectors:

The following is the course of action that must be taken by you in case a person is reported ill with Asiatic Cholera in this city:

1st. When the report of a case is received the Inspector must obtain and place in a sterilized bottle, capped with tinfoil and enclosed in a tin box, a portion of the discharges of the person suspected or suffering with the disease, and convey it to the Chief Inspector immediately. (Bottles as described can at all times be obtained from the chemist of the Board.)

2d. As soon as the diagnosis of cholera has been made the patient must be removed to a reception hospital.

3d. Immediate members of family of sick person, and all who dwell on same floor and obtain water from the same source, i. e., faucet or pump in hall, must be segregated and quarantined for observation for a period of not more than fourteen days, and before the quarantine is raised, all clothing and effects belonging to them must be disinfected, both by fumigation with sulphurous acid gas and by washing in strong antiseptic solution.

4th. All water-closets, school sinks, etc., must be closed until they have been thoroughly scrubbed with a solution of mercuric chloride (1-500) and the hoppers or other receptacles and pipes flushed freely with a strong antiseptic solution.

5th. Water faucets and basins throughout the house must be scrubbed with strong antiseptic solution, and waste-pipes flushed with the same before further use is permitted.

6th. The apartments used by patient and family, and those living with patient, must be rendered thoroughly aseptic.

(a) By fumigation with sulphur (3 pounds to 1,000 cubic feet).

(b) By thoroughly scrubbing of all woodwork with solution of mercuric chloride (1-500) and ceilings and walls washed with antiseptic solution. After six hours of fumigation rooms must be freely aired and repainted, papered and calcimined or whitewashed.

7th. Textile fabrics, including upholstered furniture, bedding, carpets, etc., must be removed in rubber bags after fumigation to disinfecting station, where they must be subjected to dry or moist heat of 230 degrees Fahrenheit for at least two hours. All articles that cannot thus be treated must be burned. Frames of chairs, beds and tables must be scrubbed with a strong antiseptic solution.

8th. A careful description of every person in the house must be taken, and none allowed to change residence without a permit from the Board of Health until fourteen days after the occurrence of the last case.

9th. The house must be visited at least twice daily by the Medical Sanitary Inspector, and all persons carefully examined.

10th. In transporting patients to the hospitals an attendant must be at hand to catch all discharges in a solution of mercuric chloride (1-500). (The bottoms and sides of the ambulances are made water-tight, and hard rubber basins and jars for containing the solution are provided.)

11th. Ambulances and their appurtenances must be made aseptic by fumigation and washing with an antiseptic solution after the removal of each case before entering the city for new cases.

12th. Each ambulance will be provided with two rubber air beds, one of which must be kept at the disinfection station. After the transportation of the case, the bed on which it has been transported must be replaced by the one at the station, and must immediately be made aseptic by washing with antiseptic solution. A sufficient number of blankets will be provided to allow a fresh set for each case. Blankets must be kept at the disinfection station, and must be thoroughly fumigated and subjected to dry heat after being used.

13th. Articles of food and drink coming from the same places as the articles used by the sick, should be confiscated under section 42, Sanitary Code.

CHARLES F. ROBERTS, M. D., Chief Inspector.

HEALTH DEPARTMENT—CITY OF NEW YORK,
DIVISION OF CONTAGIOUS DISEASES,
August 10, 1892.

DIRECTIONS FOR CARE OF SUSPECTED PREMISES.

Record the name and age of every person in the house, and the occupation and place of business of every person employed.

Watch for any diarrhoeal cases, prescribe for them and keep them in bed or in their rooms.

If there are any diarrhoeal cases, have the water-closets disinfected immediately after use, if within premises. If the water-closet is in the yard, have it disinfected twice daily.

Keep every room in the house in the best sanitary condition possible; allow no refuse, garbage, slop water or offensive material to remain in rooms, halls, cellar or yards.

Have every person wash his hands with soap and clean his nails before eating.

Look after ventilation of all the rooms, especially the bedrooms.

Cause all garbage, vegetable refuse, and old bones to be burned in the stove while the fire is brisk.

Allow no family to move from the premises without a special permit from the Chief Inspector. See that all discharges from bowels and all vomitus of sick persons are received in vessels containing disinfecting fluid, and thoroughly disinfected before they are deposited into water-closets or privy.

Have all soiled bedding, sheets, pillow cases, blankets, handkerchiefs or rags removed at once and put into a pail or tub with disinfecting fluid, boiling hot, and afterwards boiled for half an hour.

See that no drinking vessels and no other vessels used by patients are used without being thoroughly cleansed by boiling soap suds.

One Inspector must be always on duty at the premises until relieved by his successor.

CHARLES F. ROBERTS, M. D., Chief Inspector.

HEALTH DEPARTMENT—CITY OF NEW YORK,
DIVISION OF CONTAGIOUS DISEASES,
August 12, 1892.

SPECIAL QUARANTINE DIRECTIONS IN CASES OF CHOLERA.

When a house has been ordered under quarantine by the Board, all members of the family must be confined strictly to their apartments. No one is to be allowed to enter the apartments, and no one of the family permitted to leave their rooms on any excuse except that of need to go to the water-closet.

The water-closet must be disinfected and well flushed immediately after use.

All purchases of food supplies by the family must be made under the supervision of the Inspector or Policeman, and all goods received must be delivered outside of the door of the apartment, or on the dumb-waiter, if there is one.

Parties unable to purchase necessary food will be supplied by the Inspector on duty or by the Policeman.

CHARLES F. ROBERTS, M. D., Chief Inspector.

During the early part of September a stable was constructed on the river front, south of East Sixteenth street, to be used exclusively by the ambulance service connected with cholera in this city.

Four ambulances, specially designed for this service, were purchased. They were lined with rubber cloth, with the following equipment:

Two mattresses; two pillows—these were covered with rubber sheeting so they could not be infected, and could be readily rendered aseptic; two heavy woolen blankets; two canvas bags, 6 feet in length by 24 inches wide, provided with a drawing-string for the purpose of encasing the patient while being removed to the vehicle; two canvas bags, 3 feet in length and 15 inches wide, for the removal of soiled and infected bed linen, clothing, etc.; two bed pans; two emesis basins; one 2-gallon demijohn, containing a solution of bichloride of mercury (1-500); twenty pounds of sulphur; one pound of bichloride of mercury; three india-rubber suits; three india-rubber coats; three pairs india-rubber shoes; three pairs india-rubber gloves.

Four Drivers and four Helpers are constantly on duty, two being detailed in relays every 24 hours.

The Summer Corps of fifty Physicians, as well as sixteen additional ones, were transferred for service in the investigation and care of cholera cases. These, with the regular Inspectorial Corps of this Division, operated in the following manner:

The six Diagnosticians were on duty at all times.

The Special Corps were detailed as follows:

Three were stationed at Central Office to act as Ambulance Physicians; three were stationed at Central Office to answer telephone calls; six were stationed at Central Office to answer emergency calls, in order to establish the quarantine of the houses without delay. The remainder were ordered to make house to house inspection, searching for diarrhoeal cases, and to investigate all cases where death from diarrhoeal diseases had occurred, and also those who had visited the city dispensaries for treatment of diseases of a like character.

When a case suspicious of cholera was reported to this Division, the Diagnostician was immediately sent, provided with a sterilized bottle placed in a wooden casing, prepared by the Bacteriologist of the Department, and a bottle of antiseptic solution to render the same aseptic, subsequent to the placing in it of a specimen of the vomit or diarrhoeal discharge. If this specimen was procured, it was forwarded immediately to the laboratory of the Department. The ambulance was then ordered to be in readiness to start at once.

Upon a report being received from the Diagnostician that the case was, in his opinion, suffering from, or dead of, the disease, the following line of action was taken:

If the patient was dead a coffin was placed in the ambulance.

The ambulance, with the Driver and Helper, was notified by telephone to proceed immediately to the house, and the Ambulance Physician and the Physician to establish quarantine started from the Central Office at the same time.

The Captain in charge of the precinct where the case occurred was notified by police telegram to detail a police officer for duty under the control of the Physician in charge of the quarantine.

Upon arriving at the house the Driver, Helper and Ambulance Physician clothed themselves in their rubber suits before entering the apartment.

The patient was placed in the large canvas bag, with a drawing string around his neck, and removed from his rooms directly to the ambulance, the Physician in attendance carrying the emesis basin to receive any vomitus. The patient was placed in the ambulance and removed to the Reception Hospital, accompanied by the Physician and Driver. If the patient had succumbed to the disease the body was wrapped in a sheet thoroughly saturated with a bichloride solution (1-500), placed in the coffin and removed to the autopsy room at the Reception Hospital.

The Helper remained at the house with the Quarantine Physician, prepared a large quantity of the solution of bichloride of mercury, and proceeded to disinfect the premises, under the direction of the Physician, in the following manner:

All bedding, clothing, carpets, and all textile fabrics in the room where the patient had been were saturated with a disinfecting solution; soiled bedding and infected clothing were placed in canvas bags, the carpets taken from the floor, and then removed in a wagon provided for the transportation of infected goods to the Disinfecting Station at the foot of East Sixteenth street and cremated.

The walls, floors and wooden furniture in apartment, the floors, subbase of halls, the floors, subbase, balusters, handrails of stairways, the door knobs, faucets of water-pipes, the seats and floors of water-closets, were all thoroughly scrubbed with hand brushes saturated with a disinfecting solution. The water-closet bowls and pipes were thoroughly flushed with a solution of carbolic acid or milk of lime.

The room or rooms which had been occupied by the patient were fumigated (after the crack of doorways and windows were made air-tight, having paper pasted over them) with burning sulphur (3 pounds to the 1,000 cubic feet). After this action had been taken the apartment was placed under strict quarantine, a police officer stationed in the hall on that floor, who allowed no one to enter or leave the apartment. Whenever it was necessary for any of the quarantined family to visit the water-closet they were accompanied by the Physician in charge of the quarantine, and reconducted as quickly as possible to their rooms. The Quarantine Physician then made a complete census of the occupants of the house—names, ages, occupation and where employed—and sent postal cards to principals, notifying them to exclude from their schools all children residing in that house. He allowed no family to remove their goods from the house without a permit from the Chief Inspector. He kept surveillance over the water-closets, noting any of the occupants who visited the same more than twice in twenty-four hours.

All supplies for the family were purchased and paid for by the Quarantine Physician, who made a report of the condition of affairs every eight hours by telephone to the Central Office.

This strict quarantine was maintained for seven days from the time the case or body was removed. Then all the persons under quarantine were required to bathe and dress themselves in clothing which had been disinfected by the Department, and the clothing they had worn was left in the rooms, and they were required to leave the apartment.

The rooms were again scrubbed with disinfectant solution and the apartment thoroughly fumigated with sulphur (3 pounds to the 1,000 cubic feet).

For the next seven days the premises were visited by the Quarantine Physician once every twelve hours, and report made by telephone to the Central Office.

Case VII.

At the premises No. 14 First street, consisting of a group of lodging-houses and restaurant attached, occupied by one hundred and eighty-two men, working in as many different portions of the city, and the patient having been ill there for four or five days before his removal, the conditions for the spread of the disease were rendered so favorable that further precautions were deemed necessary.

The day following his removal to the hospital, all the rooms and halls in the two rear houses received the same treatment as regards disinfection and fumigation as described for an infected room, all being vacant during the day while the occupants were at work.

Several dozen bath tubs were procured, and when the occupants returned home from work they were required to take a bath in a disinfecting solution, wrap themselves in a blanket from their apartment, which had been disinfected and fumigated, and return to their room, leaving the clothes they had worn to be disinfected that night, and to be returned to them the following morning. On the next day the same course of action was taken in the three front houses.

Every person upon leaving the restaurant was obliged to take four ounces of lemonade, containing eight drops of aromatic sulphuric acid, lemon juice and sugar.

That no secondary cases have occurred after the premises have been taken in charge by the Health Department, is undoubtedly due to the active and vigorous measures taken by the members of the corps attached to this division.

The following is a tabulated statement of the cases that have occurred:

Cases of Asiatic Cholera for the Quarter ending September 30, 1892.

No.	DATE OF REPORT.	NAME.	AGE.	SEX.	COLOR.	CIVIL CONDITION.	NATIVITY.	TIME IN THE UNITED STATES.	OCCUPATION.	RESIDENCE.	RESULT.	DATE OF DISCHARGE.
1	Sept. 6	Charles McAvoy.....	32	Male.....	White.....	Single.....	Ireland.....	8½ years.....	Laborer.....	No. 879 Tenth avenue.....	Died at residence.....	Sept. 6
2	" 10	Peter Callahan.....	30	"	"	"	"	4 months.....	Stableman.....	318 East Forty-seventh street....	"	" 10
3	" 11	William Wiegmann..	52	"	"	Married.....	Germany....	30 years.....	Butcher.....	768 Eleventh avenue.....	"	" 10
4	" 11	Sophia Wiegmann....	63	Female.....	"	"	"	32 years.....	Housewife.....	768 "	"	" 11
5	" 12	Minnie Levinger....	20 mo.	Male.....	"	Single.....	United States	Life.....	Minor.....	411 East Forty-sixth street.....	"	" 11
6	" 13	Charles Beck.....	35	"	"	Married.....	Germany....	32 years.....	Butcher.....	1764 Second avenue.....	Recovered	" 11
7	" 13	Charlotte Beck.....	31	Female.....	"	"	"	30 years.....	Housewife.....	1764 "	Died at residence.....	" 13
8	" 18	John Knox.....	31	Male.....	"	"	Ireland.....	3 days.....	Sailor.....	Steamship "Nevada".....	Died on steamer.....	" 18
9	" 19	Lewis Weinhausen...	56	"	"	"	Germany....	7 years.....	Coachman.....	14 First street.....	Died at Reception Hospital.	" 23
10	" 29	Joseph Miller.....	45	"	"	"	"	10 years.....	Potato dealer.....	255 West Twenty-ninth street....	Died at residence.....	" 29

Respectfully submitted,

CHAS. F. ROBERTS, M. D., Chief Inspector.

REPORT OF BUREAU OF RECORDS.

	1892.	1891.	1890.	1889.	1888.
Number of deaths in the City of New York during the quarter ending September 30.....	12,181	11,140	10,468	10,491	10,815
Death-rate for quarter, estimated on average population for quarter.....	26.55	26.41	25.57	26.60	28.24

QUARTER ENDING SEPTEMBER 30, 1892.	Certificates Received and Tabulated.	Increase over Previous Quarter.	Decrease from Previous Quarter.	Annual rate per 1,000 Population, Estimated at 1,635,335.	Burial Permits Issued.	Transit Permits Issued.	Coroners' Cases.	Searches Made.	Transcripts Issued.
Marriages	3,507	....	612	7.64	....	....	....	410	211
Births	12,433	743	....	27.10	....	....	....	395	186
Deaths	12,263	794	....	26.73	12,263	252	1,492	2,385	2,184
Still-births	902	....	13	1.97	902	....	....	....	....

Actual number of deaths in institutions during quarter ending September 30, 1892.....	2,522
" " tenements-houses during quarter ending September 30, 1892....	8,323
" " dwellings during quarter ending September 30, 1892.....	1,085
" " hotels during quarter ending September 30, 1892.....	71
" " rivers, streets, etc., during quarter ending September 30, 1892..	180

The deaths for the quarter were 12,181, a larger number than occurred during the third quarter of any year since the organization of the Health Department. The increase of more than 1,000 over 1891 and nearly 2,000 over either of the four preceding years was entirely due to the excessive death-rate of July, when the extreme heat ran up the deaths to the unprecedented number of 5,544, a larger monthly total than the hitherto unequalled totals of January, 1890 (4,745), and April, 1891 (5,048), when the epidemic of influenza raged fiercest.

The increase of 1,283 over July, 1891, is only accounted for in a minor degree by the increase of deaths from diarrhoeal diseases, to which we naturally look for the explanation of an increased death-rate during the summer months. The deaths from diarrhoeal diseases in July, 1891, were 1,233, and in July, 1892, 1,635, a difference of only 402. Sunstroke caused 252 deaths in July, 1892, and only 5 in July, 1891. There was an increase of 170 in the deaths from diseases of the digestive organs (553 against 383), and the other items of increase are pretty widely distributed through the entire list of diseases.

The excessive death-rate of July was followed by lower rates for August and September, so that the increase of 1,283 over the previous year was diminished to an increase of only 1,041 for the quarter.

As compared with the five-year average, most of the zymotic diseases showed a decreased death-rate, e. g.: Diphtheria, .58, against .75; typhoid fever, .35, against .38; scarlet fever, .17, against .32; whooping-cough, .31, against .35; measles alone, which was very prevalent early in the year (not beginning to decline until toward the end of May), showing a considerable increase, .34 against .24. The death-rates from other principal causes were as follows: Phthisis, 2.52, against 3.08; pneumonia, 1.77, against 1.43, a marked increase; acute inflammations of the digestive organs, 1.71, against 1.92, and sunstroke, .63, against .19.

The deaths of children under 5 years of age numbered 6,200, against 5,756 for the corresponding quarter of 1891, representing a death-rate (estimated upon the total population), of 13.51, against a five-year average of 14.01. The heat seems to have been proportionately more fatal to the aged than to the very young, for the deaths of persons 65 years of age and upwards were about 20 per cent. more than in the third quarter of 1891 (964 against 800), while the deaths of children under 1 year increased only about 8 per cent. (4,348 against 4,022), and of those under 5 about the same (6,200 against 5,756).

The third quarter of 1892 was further signalized by the death of nine persons within the city limits from Asiatic cholera, the first attributed to this cause since 1867.

The marriages and births reported show a considerable decrease from the number reported for the third quarter of 1891, being, respectively, 3,507 and 12,433 against 3,633 and 13,708.

Deaths from Zymotic and Certain other Preventable Diseases, by Wards, for Quarter ending September 30, 1892.

WARDS.	AREA IN ACRES.	Cerebro-spinal Meningitis.	Diphtheria.	Typhoid Fever.	Erysipelas.	Malarial Fever.	Measles.	Scarlet Fever.	Small-pox.	Whooping Cough.	Diarrhoeal Diseases.	Asiatic Cholera.	Rheumatism.	Phthisis.	Bronchitis.	Croup.	Pneumonia.	Puerperal Diseases.	Alcoholism.	Bright's Disease and Nephritis.	Influenza.	All Causes.	In Institutions not Redistributed.	In Institutions Redistributed.	Total in Institutions.
First	154	..	2	7	..	..	8	1	..	2	24	..	1	22	4	1	16	1	3	11	..	162	30	36	66
Second	81	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	6	..	1	1
Third	95	..	1	1	..	..	..	1	..	..	1	..	..	5	..	..	2	..	..	1	..	30	14	1	15
Fourth	83	1	..	3	2	1	3	..	..	1	48	..	1	25	8	2	23	1	2	16	..	225	..	46	46
Fifth	168	..	2	2	..	..	..	2	..	1	24	..	1	9	1	2	9	1	1	8	..	119	..	17	17
Sixth	86	..	4	1	..	1	7	..	1	1	29	..	1	17	9	..	17	2	..	7	..	157	5	26	31
Seventh	198	4	1	6	2	..	7	3	..	4	103	..	2	42	10	4	43	2	4	23	..	451	17	60	77
Eighth	183	..	4	4	..	1	6	2	15	9	93	..	..	41	9	3	26	5	4	21	..	386	..	60	60
Ninth	322	2	7	3	1	2	5	2	..	7	99	..	4	44	6	3	27	1	2	27	..	452	23	62	85
Tenth	110	..	8	9	1	..	6	3	..	4	88	..	..	38	5	7	45	5	4	11	..	410	..	103	103
Eleventh	196	1	11	6	2	2	7	6	1	10	143	..	..	62	12	14	61	4	4	17	..	636	10	66	76
Twelfth	5,504.13	19	57	19	5	12	19	6	1	35	510	1	7	161	41	30	124	10	13	72	1	2,029	170	185	355
Thirteenth	107	1	5	..	1	..	6	..	2	4	61	..	..	15	6	2	31	1	..	9	..	282	..	34	34
Fourteenth	96	1	3	3	1	1	4	..	1	..	51	..	..	18	26	3	28	2	..	9	..	265	..	41	41
Fifteenth	198	..	3	..	..	1	2	..	..	..	20	..	..	17	3	2	4	..	6	10	..	141	..	40	40
Sixteenth	348.77	2	6	4	..	2	..	1	1	3	59	..	..	31	5	1	20	1	2	25	..	332	7	54	61
Seventeenth	331	2	12	13	..	..	3	3	..	6	138	1	2	82	11	3	43	8	6	36	..	682	5	126	131
Eighteenth	449.89	3	8	6	2	3	4	1	..	..	82	1	..	46	15	2	29	1	7	25	..	437	20	71	91
Nineteenth	1,480.60	7	59	22	2	6	26	7	..	13	443	2	..	202	31	17	110	13	13	85	..	1,876	472	177	649
Twentieth	444	4	19	7	1	6	15	5	..	16	158	1	1	63	14	9	36	8	12	48	..	745	15	110	125
Twenty-first	411	4	5	12	1	1	5	2	..	5	82	..	..	48	10	5	24	2	21	34	..	517	63	84	147
Twenty-second	1,529.42	7	35	21	4	4	8	19	2	16	256	3	2	118	28	7	76	3	7	57	..	1,244	30	153	183
Twenty-third	4,267.023	4	13	9	..	4	14	11	2	1	124	..	1	45	11	6	15	3	3	20	..	495	36	27	63
Twenty-fourth	8,050.323	..	..	4	..	3	..	2	..	3	22	..	1	7	5	1	1	2	..	5	..	102	21	4	25
Total	24,893.156	62	265	162	25	50	155	77	26	141	2,658	9	24	1,158	270	124	810	76	115	577	1	12,181	938	1,584	2,522

* Deaths in institutions redistributed according to residence, where residence was known.

Particulars Regarding Births, Deaths, Marriages and Still-births for Quarter ending September 30, 1892.

.	TOTAL.	WHITE.		COLORED.		NATIVE PARENTS.		FOREIGN PARENTS.		PARENTAGE OF MIXED NATIVITIES.		PARENTAGE UNKNOWN OR NOT STATED.		SINGLE.		MARRIED.		WIDOWED.		NOT STATED.		NON-RESIDENTS.	The Returns of Births, Marriages and Still-births are Incomplete.											
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.		MONTH OF UTERO-GESTATION.											
																							1	2	3	4	5	6	7	8	9	10	Not Stated.	
Marriages.....	3,607	3,559	3,560	48	47	....	....	....	....	....	....	....	....	3,131	3,207	....	....	476	400	....	....	....	1	2	3	4	5	6	7	8	9	10	Not Stated.
Births.....	12,433	6,335	5,951	69	78	1,554	1,478	3,761	3,539	968	925	121	87	....	....	....	....	....	....	....	....	....	..	3	14	44	74	125	126	134	376	4	2
Deaths.....	12,263	6,523	5,479	145	116	1,185	966	4,146	3,520	867	777	470	332	4,594	3,642	1,539	1,165	450	771	85	17	129	..	3	14	44	74	125	126	134	376	4	2	
Still-births.....	*902	499	367	14	14	120	89	291	215	60	42	42	35	....	....	....	....	....	....	....	....	....	..	3	14	44	74	125	126	134	376	4	2

* Sex undetermined, 8.

Deaths by Certain Diseases, According to Nativity of Deceased, of Parents of Deceased, and Color, for Quarter Ending September 30, 1892.

CAUSE OF DEATH.	PLACE OF BIRTH OF DECEASED.														PLACE OF BIRTH OF PARENTS OF DECEASED.														Total.	Colored.			
	Austro-Hungary.	Bohemia.	British America.	England.	France.	Germany.	Ireland.	Italy.	Poland.	Russia.	Scotland.	Switzerland.	United States.	Other Nationalities.	Unknown Nationality.	Austro-Hungary.	Bohemia.	British America.	England.	France.	Germany.	Ireland.	Italy.	Poland.	Russia.	Scotland.	Switzerland.	United States.			Other Nationalities.	Mixed Nationalities.	Unknown Nationality.
Total—All Causes.....	68	66	56	164	70	1,099	1,621	194	26	169	58	42	8,098	194	256	208	167	43	197	86	2,191	3,040	625	73	507	88	56	2,136	349	1,636	779	12,181	261
Diphtheria.....	..	..	1	1	..	5	3	1	..	1	..	..	249	2	2	2	1	..	1	2	65	49	10	1	11	2	..	57	6	54	4	265	2
Measles.....	..	1	..	..	1	1	..	3	..	8	..	..	121	6	14	4	2	1	..	3	14	19	19	1	8	..	1	19	3	31	30	155	1
Scarlatina.....	2	1	..	..	..	1	2	..	1	4	1	1	58	6	..	2	1	..	1	..	5	15	1	2	7	1	1	14	5	18	4	77	..
Diarrhoeal Diseases.....	7	4	1	9	6	65	117	16	1	9	4	2	2,346	12	59	50	49	3	33	15	428	454	159	20	134	9	6	599	76	506	117	2,658	62
Cancer.....	1	5	3	11	5	67	64	7	..	9	1	4	70	9	..	1	4	1	12	3	71	74	7	..	9	1	4	38	8	10	13	256	3
Insanity.....	1	..	..	2	1	5	23	..	2	2	1	1	19	2	..	1	..	..	2	..	8	25	..	2	1	1	..	10	2	3	4	59	..
Heart Diseases.....	9	4	3	12	6	126	108	7	2	8	4	4	183	9	..	7	4	1	11	7	145	149	7	2	10	3	5	73	10	30	21	485	15
Phthisis.....	13	17	17	30	8	157	257	34	3	30	8	7	529	46	2	13	21	9	20	3	236	472	35	2	29	11	8	120	39	75	65	1,158	43
Pneumonia.....	6	3	4	4	5	60	92	11	3	17	1	3	573	12	16	24	8	5	3	8	112	179	78	9	67	2	4	118	34	114	45	810	14
Cirrhosis of Liver and Hep- atitis.....	..	..	2	4	2	26	28	3	..	..	1	..	34	3	..	..	..	2	4	2	29	41	3	..	..	..	9	2	5	6	103	..	
Bright's Disease and Ne- phritis.....	4	6	5	19	5	95	203	9	..	2	4	4	208	9	4	5	8	2	16	5	118	255	10	..	2	6	5	58	8	34	45	577	14
Old age.....	..	4	2	3	1	21	51	2	..	..	2	..	43	1	..	..	4	1	3	1	22	54	2	..	2	..	30	1	4	6	130	3	
Alcoholism.....	..	1	2	8	2	11	41	..	..	2	1	..	42	5	..	..	1	1	5	2	13	56	..	..	2	..	..	17	5	3	10	115	..
Sunstroke.....	1	5	1	7	3	57	116	3	2	1	6	2	64	9	13	1	4	..	5	2	64	131	3	2	..	6	2	12	5	13	40	290	2
Homicide.....	..	1	..	..	..	..	2	3	1	..	..	..	2	1	..	..	1	..	..	..	2	2	2	..	..	..	1	..	....	2	10	1	
Suicide.....	1	1	..	2	1	36	5	..	..	2	..	..	19	3	4	1	1	..	1	1	39	6	1	..	2	..	6	3	2	11	74	..	
Inanition, Atrophy, Maras- mus.....	1	1	..	..	..	1	..	..	..	..	..	..	422	1	91	11	8	1	4	2	55	50	11	2	15	1	2	113	7	102	133	517	5
Other Causes.....	22	12	15	52	24	365	509	95	11	74	24	14	3,116	58	51	26	50	16	76	30	765	1,009	277	30	210	43	18	842	135	632	223	4,442	96
Died in institutions.....	25	10	25	59	32	323	608	65	11	66	14	14	1,003	92	175	24	7	14	57	26	338	793	58	10	90	16	10	260	83	152	584	2,522	62

*Comparative Table of Mortality from the Principal Causes of Death in the Third Quarter of the Year 1892, with the Corresponding Quarter of the Preceding Five Years.

CAUSES OF DEATH.	THIRD QUARTER, 1892.				1887.	1888.	1889.	1890.	1891.	Total for Five Years Preceding 1892.	Average for Five Years Preceding 1892.	Average Death-rate for same Period on Average Population.	Death-rate for Third Quarter 1892, Average Population.
	July.	August.	September.	Total.									
Total, all causes.....	5,544	3,510	3,127	12,181	10,918	10,815	10,491	10,468	11,140	53,832	10,766.4	27.18	26.55
Cerebro-spinal Meningitis.....	27	20	15	62	48	26	29	34	44	181	36.2	.09	.14
Diphtheria.....	106	76	83	265	400	331	249	224	277	1,481	296.2	.75	.58
Enteric Fever.....	52	53	57	162	137	159	159	144	150	749	149.8	.38	.35
Erysipelas.....	8	6	11	25	15	17	16	18	13	79	15.8	.04	.05
Malarial Fevers.....	17	12	21	50	111	72	76	51	67	377	75.4	.19	.11
Measles.....	98	32	25	155	42	177	29	128	100	476	95.2	.24	.34
Scarlatina.....	33	20	24	77	84	229	51	53	224	641	128.2	.32	.17
Small-pox.....	7	14	5	26	16	2	....	....	....	18	3.6	.01	.06
Whooping-cough.....	52	58	31	141	71	233	159	168	60	691	138.2	.35	.31
Yellow Fever.....	....	....	....	....	....	1	....	....	....	1	.2	.0005	....
Asiatic Cholera.....	....	....	9	9	....	....	....	....	....	....	....	....	.02
Cholera Morbus.....	47	20	7	74	53	54	74	46	50	277	55.4	.14	.16
Other Diarrhoeal Diseases.....	1,588	655	332	2,575	2,670	2,447	2,411	2,168	2,395	12,091	2,418.2	6.11	5.61
Other Zymotic Diseases.....	18	9	7	34	....	58	37	39	31	....	....	....	.07
Cancer.....	87	85	34	256	207	181	230	231	214	1,063	212.6	.54	.56
Rheumatism.....	9	4	11	24	33	41	25	34	29	162	32.4	.08	.05
Phthisis.....	407	362	389	1,158	1,120	1,171	1,284	1,265	1,207	6,107	1,221.4	3.08	2.52
Other Constitutional Diseases.....	118	117	92	327	....	88	262	274	304	....	....	....	.71
Apoplexy.....	121	74	81	276	191	181	188	181	234	975	195.0	.49	.60
Convulsions.....	53	29	36	118	158	113	158	127	122	678	135.6	.34	.26
Meningitis and Encephalitis.....	127	92	74	293	278	217	205	230	231	1,161	232.2	.59	.64
Other Diseases of Nervous System.....	96	70	54	220	....	442	269	227	216	....	....	....	.48
Aneurism.....	4	3	9	16	17	13	8	11	12	61	12.2	.03	.03
Heart Diseases.....	191	150	144	485	482	413	431	411	487	2,224	444.8	1.12	1.06
Other Diseases of Circulatory System.....	8	6	10	24	....	68	25	23	24	....	....	....	.05
Bronchitis.....	106	57	107	270	311	319	305	288	271	1,494	298.8	.75	.59
Croup.....	52	30	42	124	96	94	98	78	107	473	94.6	.24	.27
Pneumonia.....	301	255	254	810	461	546	513	624	687	2,831	566.2	1.43	1.77
Other Diseases of Respiratory System.....	90	54	59	203	....	118	76	186	184	....	....	....	.44
Gastritis, Gastro-Enteritis, Enteritis and Peritonitis.....	415	194	175	784	563	565	550	561	583	2,822	564.4	1.42	1.71
Cirrhosis of Liver and Hepatitis.....	36	33	34	103	106	108	104	105	116	539	107.8	.27	.22
Other Diseases of Digestive System.....	102	104	89	295	....	195	168	224	249	....	....	....	.64
Bright's Disease and Nephritis.....	211	186	180	577	581	512	564	551	560	2,768	553.6	1.40	1.26
Premature and Preterm Births, Cyanosis and Atelectasis.....	118	87	98	303	289	304	264	293	296	1,446	289.2	.73	.66
Puerperal Diseases.....	30	19	26	75	77	89	83	67	80	396	79.2	.20	.16
Old Age.....	38	40	52	130	110	142	133	125	93	603	120.6	.30	.28
Alcoholism.....	44	38	33	115	80	64	55	66	80	345	69.0	.17	.25
Sunstroke.....	252	39	....	291	211	31	25	55	60	382	76.4	.19	.63
Accident.....	409	191	138	738	383	325	312	448	537	2,005	401.0	1.01	1.61
Homicide.....	4	3	3	10	15	9	17	16	15	72	14.4	.04	.02
Suicide.....	24	30	20	74	71	48	51	58	61	289	47.8	.12	.16
Under one month.....	333	256	224	813	....	745	771	774	800	....	....	....	....
One month, and under one year.....	1,998	865	672	3,535	....	3,228	3,154	2,990	3,222	....	....	....	....
Total under five years.....	3,168	1,695	1,337	6,200	5,587	5,780	5,315	5,314	5,756	27,752	5,550.4	14.01	13.51
Sixty-five years and over.....	374	289	301	964	....	860	859	855	800	....	....	....	....
Males.....	2,980	1,944	1,699	6,623	....	....	5,551	5,618	5,999	....	....	....	....
Females.....	2,564	1,566	1,428	5,558	....	....	4,940	4,850	5,141	....	....	....	....
Colored.....	121	69	71	261	239	263	236	242	227	1,207	241.4	.61	.57

* This table represents throughout only the actual mortality of the quarter.

Deaths by Suicide during Quarter ending September 30, 1892.

NATIVITY.	CUTS AND STABS.		GUNSHOTS.		HANGING.		DROWNING.		LEAPS.		CARBOLIC ACID.		ILLUMINATING GAS.		COAL GAS.		CYANIDE OF POTASSIUM.		ARSENIC.		OPIUM.		PARIS GREEN.		POISON NOT SPECIFIED.		TOTAL BY SEXES.		TOTAL, BOTH SEXES.
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
Austro-Hungary.....	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
Bohemia.....	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
England.....	..	..	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	3	..	3
France.....	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
Germany.....	..	..	12	..	8	2	1	..	..	..	1	1	..	..	1	..	1	1	1	..	1	..	6	1	..	32	5	37
Ireland.....	2	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	..	4
Russia.....	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	2	..	2	
Other Foreign Countries.....	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	..	3	..	3
United States.....	1	..	8	..	3	1	..	..	1	..	..	..	1	1	..	..	..	..	..	..	..	..	..	1	..	14	4	18
Unknown.....	..	..	..	..	1	..	1	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	3	1	4
Total.....	4	..	24	..	14	3	1	1	3	..	1	1	3	1	1	..	2	1	2	..	1	..	8	2	..	1	64	10	74

Ages of Suicides.

NATIVE.		FOREIGN.		10-15. YEARS.		15-25.		25-45.		45-65.		65 AND OVER.		TOTAL BY SEXES.		TOTAL BOTH SEXES.
Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	
14	4	50	6	..	1	1	1	30	3	23	3	10	2	64	10	74

Deaths from Accident and Negligence during Quarter ending September 30, 1892.

ACCIDENT AND NEGLIGENCE.	No. of Cases.	ACCIDENT AND NEGLIGENCE.	No. of Cases.	ACCIDENT AND NEGLIGENCE.	No. of Cases.	ACCIDENT AND NEGLIGENCE.	No. of Cases.
Fractures and contusions by—		Falls—		Poison—		Suffocation—	
Not specified	34	From loft	1	By Paris green	3	Overlaid in bed	4
Struck—		Down stairs	13	" chloroform	1	Lodgment of food in trachea	1
By falling plank	1	" hatchways	5	" sewer gas	1	At fire, No. 67 East One Hundred and Eighteenth street	1
" team	1	" elevators	3	" illuminating gas, No. 75 Fifth avenue	1	At fire, No. 82 Amsterdam avenue	1
" sack of corn	1	" into shaft	5	By illuminating gas, No. 134 East Forty-second street	1	Wounds—	
" piece of pipe	1	" cellar	1	By illuminating gas, No. 683 Third avenue	1	Not defined	3
Crushed—		" steps	1	" St. Vincent's Hospital	1	Of hand	2
By elevator	1	Through skylights	3	By illuminating gas, No. 73 West Twelfth street	1	" foot	1
" ice-cake	1	In streets	9	By illuminating gas, No. 301 East Fifty-second street	1	" thigh	1
In elevator	1	On floor	1	By illuminating gas, No. 399 East One Hundred and Twenty-fifth street	1	" leg	1
By embankment	1	Into excavation	1	By illuminating gas, No. 217 West Thirty-sixth street	1	" shoulder	1
" barrel	1	In building	1	Run over by street vehicles—		" wrist, cut by piece of tin	1
" trucks	1	Into hold of vessel	2	Wagons, etc	16	By gunshot	2
Toe by barrel of beer	1	Off wall	1	Water tower	1	" splinter in leg	1
Caught in machinery	1	On head	1	Fire-engine	1	Scratched by nail	1
Knocked down—		Various, not defined	41	Vehicles not defined	2	By cut	1
By man	1	Drowning—		Killed by railroads—		Homicide—	
" carriage	1	In rivers, etc	79	Line not defined	1	By stab	3
" Third Avenue car	1	In tub of water	1	Broadway Railroad	1	" blows	3
Thrown—		Burns—		First Avenue Railroad	1	" pistol	4
From horse	1	Manner not specified	13	Fourth Avenue Railroad	1		
" ice wagon	1	By matches	1	Second Avenue Railroad	2		
" window	1	" fire-crackers	1	East Broadway Railroad	1		
Skull fractured in street fight	1	" clothes fired	3	Eighth Avenue Railroad	2		
Bale of cotton	1	" oil stove	1	Delancey Street Railroad	1		
Panic at fire, No. 27 Ludlow street	5	At fire, One Hundred and Thirty-fourth street and Brown place	2	Clinton Street Railroad	1		
Marble falling on him	1	At fire, No. 67 East One Hundred and Eighteenth street	3	Elevated Railroad	1		
Falls—		At fire, No. 126 Wooster street	1	West Shore Railroad	1		
From windows	23	" No. 341 West Forty-fourth street	1	Erie Railroad	1		
" fire-escapes	6	" Wooster and Prince streets	1	New York Central and Hudson River Railroad	10		
" scaffolds	6	Scalds—		New York and New Haven Railroad	4		
" roofs and buildings	9	Manner not specified	5	Jump from window	1		
" trucks, carts, etc	6	By hot water	3	Kicked by horse	3		
" horse	1	" coffee	2	Sunstroke	291		
" swing	1	Poison—		Neglect and exposure	2		
" hotel stage	1	Not defined	1	Explosion—			
" railroad car	1	By morphine	2	Of blast	1		
" bed	1	" carbolic acid	9	" carbonic acid gas	1		
" bench	1	" arsenic	2				
						RECAPITULATION.	
						Fractures and contusions	60
						Falls	145
						Drowning	80
						Burns and scalds	37
						Poison	27
						Railroads	28
						Jump	1
						Kicked by horse	3
						Sunstroke	291
						Run over by street vehicles	20
						Suffocation	7
						Explosions	2
						Wounds	15
						Neglect and exposure	2
						Total accidents and negligence	718

Deaths from Surgical Operations during Quarter ending September 30, 1892.

Amputation of finger	1	Ovariectomy	1
Amputation, gangrene of lower extremity	1	Ovariectomy for tubo-ovarian abscess	1
Amputation of legs, diabetes, gangrene	1	Partial excision of thyroid gland, shock	1
Circumcision, tetanus	1	Removal of upper jaw, nasopharyngeal polypus	1
Laparotomy	1	Resection of intestine, pyosalpinx	1
Laparotomy, empyema of gall bladder	1	Surgical shock, abscesses	1
Reduction of hernia by manipulation, peritonitis	1	Urethral injection of cocaine to relieve urethral spasms, retention, congestion	1
Operation for hernia, ether administered	1	Urethrotomy, septicæmia	1
Operation for pyelitis	1	Vaccination, septicæmia	1
Operation for cancer of breast, asthenia	1		
Operation for fecal fistula	1	Total	20

Interments of Deceased Persons during Quarter ending September 30, 1892.

LOCATION OF INTERMENTS.	1892.	1887.	1888.	1889.	1890.	1891.	AVERAGE FOR FIVE YEARS PRECEDING 1892.
City Cemetery	1,202	1,115	1,007	1,047	1,075	1,053	1,059.4
Cemeteries outside of New York City	10,613	9,527	9,374	9,121	9,046	9,775	9,368.6
Cemeteries inside of New York City	428	404	461	392	438	368	412.6
Ward's Island* .....	.....	31	32	15	.....	.....	.....
Total interments	12,263	11,046	10,842	10,560	10,559	11,196	10,840.6
Percentage of Pauper Burials to total	9.80	10.09	9.29	9.92	10.18	9.40	9.77

* Immigrant's Hospital and Cemetery now abandoned.

Deaths by Age and Sex and Percentage of each Age Period to Total Mortality during Quarter ending September 30, 1892.

AGE.	TOTAL NUMBER OF DEATHS.								PERCENTAGE OF EACH AGE PERIOD TO TOTAL MORTALITY.							
	JULY.		AUGUST.		SEPTEMBER.		TOTAL.		JULY.		AUGUST.		SEPTEMBER.		TOTAL.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
Under 1 year	1,244	1,087	611	510	480	416	2,335	2,013	10.21	8.92	5.02	4.19	3.94	3.42	19.17	16.53
1 to 5 years	430	408	320	234	245	208	995	870	3.53	3.35	2.63	2.09	2.01	1.71	8.17	7.14
5 to 10 "	70	65	48	39	42	41	160	145	0.57	0.53	0.39	0.32	0.34	0.34	1.31	1.19
10 to 15 "	20	35	36	20	24	17	80	72	0.16	0.29	0.30	0.16	0.20	0.14	0.65	0.59
15 to 20 "	36	47	40	27	42	36	118	110	0.30	0.39	0.33	0.22	0.34	0.30	0.97	0.90
20 to 25 "	84	77	68	61	75	73	227	211	0.69	0.63	0.56	0.50	0.62	0.60	1.86	1.73
25 to 35 "	281	164	202	147	185	153	668	464	2.31	1.35	1.66	1.21	1.52	1.26	5.48	3.81
35 to 45 "	214	149	187	125	172	136	573	410	1.76	1.22	1.54	1.03	1.41	1.12	4.70	3.37
45 to 55 "	242	169	165	124	163	106	570	399	1.99	1.39	1.35	1.02	1.34	0.87	4.68	3.28
55 to 65 "	188	160	131	106	121	91	440	357	1.54	1.31	1.08	0.87	0.97	0.75	3.61	2.73
65 to 75 "	111	125	95	87	92	74	298	286	0.91	1.03	0.78	0.71	0.76	0.61	2.45	2.35
75 and over	60	78	41	66	58	77	159	221	0.49	0.64	0.34	0.54	0.48	0.63	1.31	1.81
Total	2,980	2,564	1,944	1,566	1,699	1,428	6,623	5,558	24.47	21.05	15.96	12.86	13.91	11.72	54.37	45.63

Births and Birth-rate by Sex during Quarter ending September 30, 1892.

MONTHS.	NUMBER OF BIRTHS REGISTERED	BIRTH-RATE PER 1,000.	MALES.	FEMALES.	PER-CENTAGE OF MALES TO TOTAL.	PERCENTAGE OF FEMALES TO TOTAL.
July	3,884	25.39	2,044	1,840	52.63	47.37
August	4,562	29.82	2,330	2,232	51.08	48.92
September	3,987	26.07	2,030	1,957	50.92	49.08
Total	12,433	27.10	6,404	6,029	51.51	48.49

Deaths and Death-rate by Sex during Quarter ending September 30, 1892.

MONTHS.	NUMBER OF DEATHS.			DEATH-RATE PER 1,000 OF ESTIMATED POPULATION.		
	Male.	Female.	Total.	Male.	Female.	Total.
July	2,980	2,564	5,544	19.48	16.76	36.25
August	1,944	1,566	3,510	12.71	10.24	22.95
September	1,699	1,428	3,127	11.11	9.34	20.45
Total	6,623	5,558	12,181	14.43	12.11	26.54

Ages of Bridegrooms and Brides during Quarter ending September 30, 1892.

AGES OF BRIDEGROOMS—YEARS.	AGES OF BRIDES—YEARS.																Total Bridegrooms.
	15	16	17	18	19	20	21 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 65	Unspecified.	
18	7	3	1	1	3	..	..	..	..	..	..	..	..	..	15
19	1	2	8	8	3	2	..	..	..	..	..	..	..	..	..	24
20	1	9	23	19	16	16	3	..	..	..	..	..	..	..	..	87
21 to 25	28	44	127	180	215	465	86	15	2	1	1	..	..	..	4	1,168
25 to 30	1	13	18	71	92	144	470	293	48	15	2	..	1	..	..	5	1,173
30 to 35	1	7	10	21	34	163	182	74	18	6	1	1	..	1	..	519
35 to 40	3	3	10	8	56	85	54	38	10	2	1	..	..	..	270
40 to 45	2	..	17	42	32	32	15	11	1	..	..	..	152
45 to 50	1	..	1	3	15	16	15	19	16	1	2	..	..	80
50 to 55	4	8	6	5	7	10	6	2	1	..	49
55 to 60	3	2	..	6	6	5	2	1	..	..	25
60 to 65	2	2	5	1	4	2	1	3	..	20
65 to 70	1	2	1	1	1	1	1	..	8
70 to 75	1	..	..	..	..	1
75 to 80	1	..	..	1
Unspecified	1	..	1	..	..	..	..	..	..	..	4	6
Total Brides	1	44	90	246	333	423	1,202	719	248	138	68	52	16	8	6	13	3,607

Former Condition of Persons Married.

	JULY.	AUGUST.	SEPTEMBER.	TOTAL.	PERCENTAGE TO TOTAL.
Bachelors and spinsters	506	928	1,039	2,873	79.65
Bachelors and widows	80	71	62	213	5.90
Widowers and spinsters	93	91	108	292	8.10
Widowers and widows	51	57	84	192	5.32
Unknown and widows	1	..	..	1	.03
Unknown and spinsters	2	..	..	2	.06
Bachelors and unknown	2	..	..	2	.06
Condition unknown	6	..	..	6	.17
Divorced	13	8	5	26	.72
Total	1,154	1,155	1,298	3,607	..

Marriage-rate per 1,000 of the Estimated Population.

	NUMBER OF MARRIAGES.	NUMBER OF PERSONS MARRIED.	MARRIAGE-RATE PER 1,000 OF ESTIMATED POPULATION.	
			Number of Marriages.	Number of Persons Married.
July	1,154	2,308	7.55	15.09
August	1,155	2,310	7.55	15.11
September	1,298	2,596	8.49	16.97
Total	3,607	7,214	7.86	15.72

OFFICE OF THE SECRETARY—NOTICES OF THE BOARD.

The notices of the Board for the abatement of nuisances are issued upon the facts and evidence contained in the written reports of the Sanitary Inspectors, the result of personal inspection of premises complained of. During the quarter ending September 30, 1892, the number of notices

issued by the Board was 10,895. These notices call the attention of owners, lessees and agents, to violations of the Sanitary Code in each case, and require the necessary alteration, repair, cleaning and improvement of the premises named within five days from the receipt of the notice. If, upon reinspection, it is found that the requirements of the notice have not been complied with, a suit for penalty is commenced against the delinquents under section 82, chapter 335, Laws of 1873.

The subjects of the notices of the Board above referred to are as follows:

Air shafts cleaned, disinfected, graded, paved, connected with sewer.
Alleys cleaned, disinfected, graded, paved, connected with street gutter and sewer.
Apartments cleaned, disinfected or ventilated.
Areas connected with sewer, cleaned, disinfected, pavements of, graded and repaired.
Balusters of stairs repaired.
Basements cleaned and disinfected.
Business of lard-rendering, slaughtering, gut-cleaning, fat-rendering, storing bones, manufacturing fertilizers, smoking sausages, or storing rags discontinued.
Buildings cleaned or inclosed.
Ceilings cleaned, whitewashed, or repaired.
Cellars cleaned, made water-tight, cemented, connected with sewer, ceilings plastered, doors repaired.
Cellars vacated as places of living or sleeping.
Cesspools disinfected, emptied, cleaned, filled, constructed, repaired, or covered.
Chimneys repaired, extended, cleaned, or obstructions removed.
Cisterns disinfected, emptied, cleaned or covered or provided.
Clothes-poles reset.
Coops cleaned, disinfected or removed.
Cows removed.
Dogs removed.
Drains cleaned, constructed, covered, repaired, removed, obstructions in removed, or connected with sewer.
Excavations cleaned, repaired, relaid, graded, or connected with sewer.
Fences repaired, or constructed.
Fire-escapes cleaned, or obstructions removed.
Fixtures trapped, and waste-pipes therefrom connected on outlet side of water-closet traps.
Flashings provided over woodwork of sinks.
Floors cleaned, repaired, relaid, graded, cemented, or connected with sewer.
Fowls removed.
Gas-mains and pipes repaired, and gas provided in dark halls and rooms.
Garbage and ash receptacles provided, removed, cleaned and disinfected.
Gutters (house or street) provided, repaired, cleaned, disinfected, obstructions in removed, connected with street sewer, street gutter, or cesspool.
Halls cleaned, and filthy or defective floor coverings removed.
House drains provided with running traps and fresh-air inlets.
Hydrants repaired, constructed, removed.
Housekeepers provided for tenements.
Ice-boxes connected with properly trapped, water supplied, open sinks.
Joints closed or calked with lead.
Leaders repaired, provided, extended, adjusted, connected with sewer, street, gutter, or privy vault.
Lodging-houses discontinued.
Lots (vacant), cleaned, disinfected, inclosed, filled, graded, connected with sewer or street gutters.
Manure vaults, boxes or receptacles disinfected, emptied, cleaned, covered, filled, constructed or lined.
Manholes covered and repaired and removed.
Offensive trades and business discontinued, or removed.
Pigeons removed.
Pipe (soil, supply, vent, waste, sewer, or iron) provided.
Pipe (soil, waste, or supply) repaired, trapped, removed, extended, graded, cemented, ventilated or repaired, and openings closed and obstructions removed.
Privy vaults disinfected, emptied, cleaned, ventilated, lined with brick, repaired, cemented, constructed, filled or removed.
Privy-houses cleaned, disinfected, repaired, constructed, removed, adjusted to vaults, or seats of, provided with cover.
Pumps provided, or repaired.
Rabbits removed.
Railings provided, or repaired.
Roofs repaired or cleaned, and roof bulkheads repaired.
Roof tanks provided, cleaned or covered.
School-sinks provided, cleaned or repaired.
Sewer-pipes provided, repaired, obstructions in removed, trapped or openings inclosed.
Sinks provided, repaired, cleaned, removed, flushed, connected with street sewer or street gutters.
Sidewalks cleaned, repaired, graded, flagged, or obstructions in removed.
Skylights repaired and provided.
Slaughter-houses cleaned, repaired, or connected with sewer.
Smoke-pipes extended or repaired.
Soil-pipes discontinued as rain leaders.
Spaces cleaned, disinfected, graded, cemented, filled or connected with sewer.
Stables cleaned, removed, repaired, or connected with street sewer.
Stagnant water removed.
Stairways cleaned or repaired.
Trees removed.
Urinals cleaned, disinfected, repaired, flushed, connected with sewer, removed, or floor covered with zinc.
Walls cleaned, whitewashed or repaired.
Wash-rooms repaired.
Wash-trays trapped, provided.
Water-closets repaired, cleaned, disinfected, flushed, constructed, ventilated, or connected with street sewer.
Water-closet pans adjusted to preserve water-seal, bowls burned out and retarred, cisterns provided, window sashes repaired and glazed.
Yards cleaned, disinfected, filled, graded, paved, grade of pavements repaired, relaid in cement, or connected with street sewer.

FEES RECEIVED FOR SEARCHES AND TRANSCRIPTS.

Amount of fees received for searches and transcripts of the records of births, marriages and deaths, and deposited with the City Chamberlain, was \$1,384.80.

OFFICE OF ATTORNEY AND COUNSEL.

Number of orders received for prosecution 2,876
Attorney's notices issued 3,361
Nuisances abated before suit 2,167

Civil actions commenced 477
Suits pending at close of second quarter 373
Judgments opened by the Court 85

Total 935

Discontinued for all causes 549
Judgments obtained 41
Suits pending at close of third quarter 345

Total 935

Executions issued 32
Judgments, Criminal Courts 51

Money collected and paid to City Chamberlain \$55 00
Fines received in Criminal Courts and paid to the City 1,379 00

By order of the Board.

CHARLES G. WILSON, President.

EMMONS CLARK, Secretary.

LAW DEPARTMENT

Statement and Return of Moneys Received by CHARLES E. LYDECKER, Public Administrator in the City of New York, for the Month of December, 1892, rendered to the Comptroller in pursuance of the provisions of Sections 56 and 216 of New York City Consolidation Act of 1882.

DATE.	ESTATE OF—	INTESTATE ESTATES.	COMMISSIONS.	TOTAL AMOUNT.
Dec. 6, 1892	Justus F. Fischer.....	\$497 23	\$127 07	\$624 30
" 7, "	William Heine.....	.....	24 23	24 23
" 8, "	Rosina Sietz.....	.....	66 16	66 16
" 9, "	John D. Kennedy.....	1,556 46	104 24	1,660 70
" 12, "	George Henning.....	.....	12 17	12 17
" 13, "	Jacob Werschner*.....	.....	76 22	76 22
	John O'Connell and others, reported from Coroner's Office, as per lists hereto attached.....	56 02	.....	56 02
	Totals.....	\$2,109 71	\$410 09	\$2,519 80

* Deposited with the Chamberlain of the City of New York, for the benefit of Alexander Werschner and Marie Werschner, minor children of the deceased, \$750.18.

From Coroners, November 17, 1892.

John O'Connell.....	\$5 45	Unknown man, One Hundred and Twenty-ninth street and North river.....	\$0 05
Charles Noble.....	10	Unknown man, foot of Vesey street.....	45
Frank Lantz.....	3 07	William Barry.....	2 23
Unknown man, One Hundred and Thirty-eighth street and Harlem river.....	03	John Rogers.....	11 03
Unknown man, South Ferry, East river.....	4 03	Unknown man, from No. 303 East Fifty-seventh street.....	41
John Price.....	05	Unknown man, foot of Morton street, North river.....	05
Unknown woman.....	60	Annie Johnson.....	2 06
Lawrence Cotter.....	05	Thomas Lynch.....	39
Unknown man.....	02	Michael Manning.....	24
John Doyle.....	04	Charles Leskie.....	90
Michael Mallon.....	35	Samuel Lipsker.....	32
Unknown man, Twenty-third street, North river.....	15	Philip Redican.....	23
Unknown man, Twenty-sixth street, North river.....	15	Unknown man, New York Bay.....	60
Unknown man, Pier 23, East river.....	10	Unknown man, No. 251 Houston street.....	37
Emile Bantour.....	6 20	Unknown man, or Patrick Cummings.....	1 00
Aaron Kremer.....	25	Andrew Saunders.....	25
John Jones.....	32	Unknown man, Woodlawn Station.....	02
Unknown man, Eighteenth street, North river.....	1 05	Unknown man, Pier 29, North river.....	02
Herman Wenke.....	7 78		
Unknown man, No. 144 Avenue D.....	05		
William Dougherty.....	25	Total.....	\$50 71

Cash Received from Coroners, September 1, 1892.

Aug. 2, 1892	Frank Winkelman.....	\$0 13	Aug. 18, 1892	Unknown man, Hunt's Point.....	\$0 08
" 11, "	Sophie Weisner.....	04	" 23, "	Unknown woman, Hall's Hotel.....	1 67
" 4, "	Vincenzo Del Gatto.....	08			
" 21, "	Luigi Capone.....	20			
" 15, "	Abram Manowitch.....	19			

Proceeds of Sale of Effects Received from Coroners.

Estate of John Smith.....	\$0 20	Estate of Clara Burroughs.....	\$0 80
" " Unknown man.....	04	" " Esther Lewis.....	08
" " E. Monks.....	1 80	Total.....	\$5 31

HEALTH DEPARTMENT OF THE CITY OF NEW YORK.

WEEK ENDING SATURDAY, 12 M., DECEMBER 17, 1892.

Estimated Population, 1,185,695.

Death-rate, 20.43.

Cases of Infectious and Contagious Diseases Reported.

	WEEK ENDING—											
	Sept. 17.	Sept. 24.	Oct. 1.	Oct. 8.	Oct. 15.	Oct. 22.	Oct. 29.	Nov. 5.	Nov. 12.	Nov. 19.	Nov. 26.	Dec. 3.
Diphtheria.....	79	53	60	58	59	46	82	108	77	97	88	110
Measles.....	37	24	30	31	26	40	32	60	28	55	60	77
Scarlet Fever.....	44	52	39	52	64	64	55	85	80	83	74	110
Small-pox.....	6	10	7	6	9	3	19	10	4	6	4	4
Typhoid Fever.....	58	64	55	44	32	51	29	35	22	37	18	16
Typhus Fever.....	...	...	...	...	...	...	...	...	...	...	2	3
Total.....	224	203	191	191	190	204	217	298	211	273	244	319

Marriages reported.....	408	Burial permits issued.....	727
Births.....	994	Transit permits issued.....	12
Deaths.....	727	Searches made.....	240
Still-births.....	64	Transcripts issued.....	173

Deaths According to Cause, Age and Sex.

	Total.	Total last year.	*Average 10 years.	Males.	Females.	Under 1 Month.	1 Month and under 1 Year.	1 Year and under 2.	2 and under 5.	Under 5 Years.	5-15.	15-25.	25-45.	45-65.	65 and over.
Total, all causes.....	727	800	821.2	400	327	51	83	51	53	238	28	52	172	146	91
Diphtheria.....	34	39	39.8	16	18	..	3	8	18	29	5	..	..	..	..
Croup.....	10	16	21.6	6	4	..	1	1	7	9	1	..	..	..	..
Malarial Fevers.....	3	3	5.4	2	1	1	1	..	..	2	..	..	..	1	..
Measles.....	16	17	20.9	9	7	..	5	7	4	16	..	..	..	..	..
Scarlet Fever.....	14	33	20.6	6	8	..	2	2	4	8	5	..	..	1	..
Small-pox.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Typhoid Fever.....	7	5	7.2	5	2	..	..	..	..	..	2	2	1	1	1
Typhus Fever.....	2	..	..	2	..	..	..	..	..	..	..	..	2	..	..
Whooping Cough.....	8	4	8.8	4	4	1	3	2	2	8	..	..	..	..	..

* This column contains the average number of deaths for the corresponding week of the past ten years, increased to correspond with the increase of population.

† This column gives the total number of deaths for the corresponding week of the previous year.

‡ State census, February 1, 1892, 1,801,739.

	Total.	Total last year.	Average 10 years.	Males.	Females.	Under 1 Month.	1 Month and under 1 Year.	1 Year and under 2.	2 and under 5.	Under 5 Years.	5-15.	15-25.	25-45.	45-65.	65 and over.
Diarrhoeal Diseases.....	9	16	15.4	5	4	2	1	..	1	4	..	..	3	..	2
Phthisis.....	106	97	119.2	61	45	..	..	2	..	2	2	22	58	19	3
Other Tuberculous Diseases..	16	14	..	10	6	..	5	4	3	12	1	2	1	..	..
Diseases of Nervous System..	77	57	74.0	39	38	2	10	5	2	19	..	1	10	25	22
Heart Diseases.....	47	43	46.7	27	20	..	..	..	..	..	1	6	12	20	8
Bronchitis.....	29	43	51.8	19	10	2	16	5	..	23	2	..	1	2	1
Pneumonia.....	99	140	112.0	62	37	..	18	13	9	40	5	6	17	16	15
Other Diseases of Respiratory Organs.....	23	25	..	13	10	..	3	1	..	4	..	1	4	7	7
Diseases of Digestive System.	34	38	..	20	14	3	6	..	..	9	1	2	12	7	3
Diseases of Urinary System..	48	57	..	25	23	..	..	..	1	1	..	5	16	14	12
Congenital Debility.....	43	41	..	19	24	35	8	..	..	43	..	..	..	..	..
Old Age.....	9	11	..	4	5	..	..	..	..	..	..	..	..	1	8
Suicides.....	3	6	5.3	3	..	..	..	..	..	..	..	..	3	..	..
Other violent deaths.....	29	22	28.0	16	13	..	1	1	1	3	1	2	13	7	3
All other causes.....	61	73	..	27	34	5	..	..	1	6	2	3	19	25	6

* This column contains the average number of deaths for the corresponding week of the past ten years, increased to correspond with the increase of population.

† This column gives the total number of deaths for the corresponding week of the previous year.

‡ Including premature births, atrophy, inanition, marasmus, atelectasis, cyanosis and preterm births.

Causes of Death not Specified in the Foregoing Table.

Zymotic.	Circulatory.	Genito-urinary.
Erysipelas, 2; Syphilis, 2; Cerebro-spinal Fever, 3; Influenza, 2; Puerperal Fever, 2.	Embolism, 1; Senile Gangrene, 1; Phlebitis, 2.	Bright's Disease, 34; Nephritis, 11; Diseases of Bladder and Prostate Gland, 2; Uræmia, 1; Ovarian Diseases, 1.
Dietetic.	Respiratory.	Integumentary.
Alcoholism, 5.	Laryngitis, 2; Congestion of Lungs, 2; Emphysema, 3; Hydrothorax, 1; Pleurisy, 3; Hemorrhage of Lungs, 3; Chronic Bronchitis, 8; Hydro-pneumothorax, 1.	Abscesses, 1.
Constitutional.	Digestive.	Accident.
Cancer, 22; Tubercular Meningitis, 11; Tuberculosis, etc., 4; Tubercular Peritonitis, 1; Anæmia, 3; Diabetes, 2; Rheumatism, 2.	Gastro-enteritis, 2; Gastritis, 4; Enteritis, 1; Cirrhosis, 7; other Diseases of Liver, 3; Peritonitis, 3; Typhilitis, 1; Jaundice, 1; Ulcer of Stomach, 3; Tonsillitis, 1; Tumor of Abdominal Wall, 1; Ulceration of Intestines, 3.	Poison, 1; Fractures and Contusions, 9; Burns and Scalds, 5; Suffocation, 3; Railroad, 1; Surgical Operations, 8.
Nervous.	Other Causes.	
Convulsions, 7; Meningitis and Encephalitis, 12; Apoplexy, 37; Paralysis, 1; Insanity, 4; Softening of Brain, 2; Epilepsy, 3; Tetanus, 1; Laryngismus Stridulus, 1; Myelitis, 5; Locomotor Ataxy, 3; Neuritis, 1.	Otitis, 2; Puerperal Convulsions, 1; Post-partum Hemorrhage, 1; Umbilical Hemorrhage, 1; Foramen Ovale Open, 1; Spina Bifida, 1; Pseudo-encephalus, 1.	Homicide, 2.

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

WEEK ENDING.	Sept. 24.	Oct. 1.	Oct. 8.	Oct. 15.	Oct. 22.	Oct. 29.	Nov. 5.	Nov. 12.	Nov. 19.	Nov. 26.	Dec. 3.	Dec. 10.	Dec. 17.
Total deaths.....	744	689	659	738	665	631	738	620	677	673	735	695	727
Annual death-rate.....	21.07	19.50	18.64	20.86	18.78	17.81	20.82	17.48	19.07	18.95	20.68	19.54	20.43
Diphtheria.....	26	17	23	14	17	20	30	31	39	29	26	27	34
Croup.....	19	5	13	17	14	17	16	12	11	11	19	15	10
Malarial Fevers.....	8	2	2	3	1	4	8	2	4	2	3	4	3
Measles.....	2	7	2	1	3	4	3	4	7	7	5	15	16
Scarlet Fever.....	7	7	4	6	6	7	10	4	10	9	10	16	14
Small-pox.....	2	..	1	4	..	2	6	1	..	2	1	1	..
Typhoid Fever.....	19	13	6	15	15	14	7	11	7	8	6	1	7
Typhus Fever.....	..	..	..	..	..	..	..	..	..	..	..	1	2
Whooping Cough.....	9	4	8	7	10	5	8	6	7	6	5	7	8
Diarrhoeal Diseases.....	68	65	57	46	29	21	20	15	14	12	20	4	9
Diarrhoeal Diseases under 5 years.....	58	54	45	38	23	18	14	15	9	10	13	4	4
Phthisis.....	90	84	75	98	67	75	95	78	80	88	89	84	106
Bronchitis.....	33	19	20	20	25	20	35	27	31	30	31	42	29
Pneumonia.....	63	59	63	79	83	76	104	81	121	113	109	109	93
Other Diseases of Respiratory Organs.....	14	16	12	15	15	19	23	22	16	19	17	19	23
Violent Deaths.....	39	34	41	43	31	38	35	33	25	38	37	27	32
Under one year.....	230	181	167	165	166	138	153	126	141	125	130	139	134
Under five years.....	332	275	276	270	259	237	253	209	237	210	227	237	238
Five to sixty-five.....	317	349	322	404	335	331	393	337	360	397	435	372	398
Sixty-five years and over	82	65	61	64	71	63	92	74	80	66	73	86	91
In Public Institutions...	168	162	146	170	167	143	174	141	179	169	181	159	189
Inquest Cases.....	82	102	98	109	85	83	88	90	74	90	80	68	75
Mean barometer.....	30.113	29.915	29.724	29.998	29.903	29.683	29.864	29.965	29.856	29.937	29.882	29.874	30.101
Mean humidity.....	75	62	61	69	64	50	56	52	61	50	82	75	73
Inches of rain.....	.05	..	.25	.21	.07	.06	.59	2.09	3.65	.04	1.07	.47	.56
Mean temperature (Fahrenheit).....	66.3°	63.0°	52.9°	56.6°	56.3°	48.2°	49.5°	44.4°	51.5°	34.5°	36.5°	40.2°	38.0°
Maximum temperature (Fahrenheit).....	81°	81°	69°	76°	69°	59°	67°	63°	63°	46°	46°	58°	45°
Minimum temperature (Fahrenheit).....	52°	47°	37°	41°	45°	39°	34°	32°	36°	25°	28°	30°	30°

Infectious and Contagious Diseases in Hospital.

	WILLARD PARKER HOSPITAL.			RIVERSIDE HOSPITAL.							
	Scarlet Fever (Children).	Diph- theria.	Total.	Small- pox.	Scarlet Fever.		Scarlet Fever with Measles.	Measles.	Typhus Fever.	Others.	Total.
					Adults.	Minors.					
Remaining Dec. 10..	11	12	23	7	5	4	1	1	3	1	22
Admitted	4	5	12	..	1	..	..	4	..	..	5
Discharged .....	..	7	7	6	3	..	..	..	..	..	9
Died .....	..	2	2	..	..	..	..	1	1	..	2
Remaining Dec. 17..	15	11	26	1	3	4	1	4	2	1	16
Total treated..	15	20	35	7	6	4	1	5	3	1	27

Cases of Infectious and Contagious Diseases Reported and Deaths from the Same, by Wards.

WARDS.	SICKNESS.						DEATHS REPORTED.					
	Diphtheria.	Measles.	Scarlet Fever.	Small-pox.	Typhoid Fever.	Typhus Fever.	Diphtheria.	Measles.	Scarlet Fever.	Small-pox.	Typhoid Fever.	Typhus Fever.
First.....	1	..	1	..	..	..	2	..	..	..	..	..
Second.....	..	..	..	..	..	..	..	..	..	..	..	..
Third.....	..	..	..	..	..	..	..	..	..	..	..	..
Fourth.....	..	3	1	..	1	..	..	..	..	..	1	..
Fifth.....	1	..	..	..	..	..	..	..	..	..	..	..
Sixth.....	3	7	..	..	1	..	1	1	..	..	2	..
Seventh.....	1	13	6	..	..	..	1	1	..	..	..	..
Eighth.....	..	2	1	..	..	..	..	..	..	..	..	..
Ninth.....	7	1	4	..	2	..	3	..	..	..	..	..
Tenth.....	6	3	5	..	1	..	1	1	..	..	..	..
Eleventh.....	2	3	4	..	1	..	2	..	..	..	..	..
Twelfth.....	13	8	37	..	2	..	2	1	2	..	..	..
Thirteenth.....	6	..	1	..	..	..	1	..	..	..	..	..
Fourteenth.....	1	8	..	..	..	..	1	1	..	..	..	..
Fifteenth.....	1	4	1	..	..	..	..	2	..	..	..	..
Sixteenth.....	2	3	4	..	1	..	..	1	..	..	..	..
Seventeenth.....	4	8	5	..	..	..	3	..	1	..	..	..
Eighteenth.....	2	17	2	..	3	..	..	1	2	..	..	..
Nineteenth.....	30	37	16	..	2	..	9	8	1	..	1	..
Twentieth.....	10	5	7	..	2	..	1	..	1	..	3	..
Twenty-first.....	3	2	4	..	1	..	..	2	..	..	..	..
Twenty-second.....	11	1	9	..	1	..	4	..	1	..	1	..
Twenty-third.....	4	1	11	..	1	..	3	..	3	..	1	..
Twenty-fourth.....	4	..	11	..	..	..	..	..	..	..	..	..
Total.....	112	126	130	..	19	..	34	16	14	..	7	2

Inspections of Premises.

Total number of inspections made.....	11,034
Classified as follows:	
Inspections of tenement-houses.....	6,675
“ private dwellings.....	447
“ lodging-houses.....	79
“ stables.....	644
“ slaughter-houses.....	302
“ other premises.....	1,197
“ overcrowded tenements (at night).....	1,690

Total number of citizens' complaints attended to.....	185
“ verified.....	115
“ found baseless, or nuisance already abated.....	71
“ original complaints by Inspectors.....	303

Inspections of Foods, Chemical Analyses, etc.

Total number of inspections of milk.....	2,868
“ specimens examined.....	3,735
“ quarts of milk destroyed.....	80
“ inspections of fruit, vegetables and canned goods.....	2,093
“ pounds of same condemned and destroyed.....	19,800
“ inspections of meat and fish.....	892
“ pounds of same condemned and destroyed.....	20,070
“ analyses of milk and other foods.....	21
“ experimental analyses.....	47

Analytical Work—Summary.

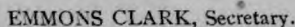
Milk—Found to be watered.....	4
“ “ skimmed.....	1
“ “ and watered.....	3
“ “ normal.....	6
Croton water—Partial sanitary analysis (normal).....	5
“ Complete sanitary analysis (see below).....	1
“ Found to contain 20,267 bact. per c. c.....	1
“ Gelatine tube cultures.....	5
“ Dunham's solution cultures.....	12
“ Bouillon tube cultures.....	5
“ Hanging drop preparations.....	5
“ Cover glass preparations.....	15
On detection of tubercle bacilli in milk { Guinea pigs inoculated.....	4
“ { Plate cultures (sets).....	1

Analysis of Croton Water, December 14, 1892.

Result Expressed in Parts per 100,000.

Appearance.....	Turbid.
Color.....	Yellow brown.
Odor (at 100° Fahr.).....	Marshy.
Chlorine in Chlorides.....	0.266
Equivalent to Sodium Chloride.....	0.438
Phosphates, Phosphoric Acid (P ₂ O ₅) in.....	None.
Nitrites.....	None.
Nitrogen in Nitrates and Nitrites (method of Gladstone and Tribe).....	0.0486

Map of the City of New York. Showing Ward Lines.



G. F. BRITTON, Secretary.

Total.....	19
<i>Public Moneys Received.</i>	
pavements.....	\$14 00
steam-roller.....	18 00
Total.....	\$32 00

Plans and Specifications Approved.
Regulating and grading Beach avenue, from Kelly street to Westchester avenue.

Laboring Force Employed during the Week.

Foremen.....	2	Blacksmith.....	1
Skilled Laborers.....	5	Cleaners.....	2
Sewer Laborers.....	6		
Laborers.....	15	Total.....	34
Carts.....	2		
Painter.....	1		

Total amount of requisitions drawn upon the Comptroller..... \$27,209 92

Respectfully,

LOUIS J. HEINTZ, Commissioner.

FINANCE DEPARTMENT.

Abstract of transactions of the Finance Department for the week ending December 24, 1892:

Deposited in the Treasury.

To the Credit of the Sinking Fund.....	\$64,660 00
City Treasury.....	1,855,324 65

Total..... \$1,919,984 65

Bonds and Stock Issued.

Three per cent. Bonds.....	\$381,626 55
Three per cent. Stock.....	1,162,000 00

Total..... \$1,543,626 55

Warrants Registered for Payment.

The Mayoralty—	
Salaries and Contingencies—Mayor's Office.....	\$17 57
The Finance Department—	
Cleaning Markets.....	\$763 76
Contingencies—Comptroller's Office.....	243 64
Salaries—Finance Department.....	267 00

1,274 40

Interest on the City Debt..... 29,310 00

Aqueduct Commissioners—

Additional Water Fund..... 31,869 08

The Law Department—

Contingencies—Law Department..... 390 44

The Department of Public Works—

Aqueduct—Repairs, Maintenance and Strengthening..... \$4,203 98

Boulevards, Roads and Avenues, Maintenance of..... 627 25

Bronx River Works—Maintenance and Repairs..... 368 24

Contingencies—Department of Public Works..... 214 30

Criminal Court-house Fund..... 28,407 00

Croton Water Fund..... 2,995 93

Free Floating Baths..... 21 00

Fund for Viaduct from St. Nicholas Place to McComb's Dam

Bridge..... 5,779 73

Lamps and Gas and Electric Lighting..... 2,272 76

Laying Croton Pipes..... 11,395 98

Public Buildings—Construction and Repairs..... 1,282 78

Public Drinking-hydrants..... 49 86

Removing Obstructions in Streets and Avenues..... 1,857 10

Repairing and Renewal of Pipes, Stop-cocks, etc..... 4,860 37

Repairs and Renewal of Pavements and Regrading..... 10,517 39

Repaving, Chapter 35, Laws of 1892..... 85,140 36

Restoring and Repaving—Special Fund—Department of Public

Works..... 1,305 63

Roads, Streets and Avenues Unpaved, Maintenance of and

Sprinkling..... 1,433 80

Salaries—Department of Public Works..... 1,654 50

Sewers—Repairing and Cleaning..... 2,110 30

Street Improvement Fund, June 15, 1886..... 15,248 91

Street Improvements—For Surveying, Monumenting and Num-

bering Streets..... 45 00

Supplies for and Cleaning Public Offices..... 2,266 18

Water Meter Fund No. 2..... 499 96

184,558 31

The Department of Public Parks—

Castle Garden, in Battery Park, etc..... \$4,975 60

East River Park, Improvement of..... 609 92

Fourth Avenue Public Parks..... 21 04

Harlem River Bridges—Repairs, Improvements and Maintenance.

Improving the Plaza at West One Hundred and Tenth Street

and Fifth Avenue..... 140 84

Maintenance and Construction of New Parks north of Harlem

River..... 889 75

Maintenance and Government of Parks and Places..... 11,351 27

Metropolitan Museum of Art, Completion of North Extension....

Morningside Park, Improvement and Maintenance of..... 18,254 69

Mount Morris Park, Construction of..... 75 88

Mount Morris Park, Improvement and Maintenance of..... 71 56

Riverside Park and Avenue, Improvement and Maintenance of..

Riverside Park, Construction of..... 2,972 46

Rutgers Slip Park, Improvement of..... 8 02

Telephonic Service, Rents and Contingencies..... 18 00

Van Cortlandt Park—Parade Grounds, Improvement of..... 333 33

Van Cortlandt Park—Parade Grounds, Improvement of..... 33 64

39,848 75

The Department of Street Improvements—Twenty-third and Twenty-fourth

Wards—

Bronx River Bridges..... \$118 25

Final Maps and Profiles—Twenty-third and Twenty-fourth

Wards..... 35 00

Maintenance—Twenty-third and Twenty-fourth Wards..... 3,426 76

Restoring and Repaving—Special Fund—Twenty-third and

Twenty-fourth Wards..... 295 05

Sewers and Drains—Twenty-third and Twenty-fourth Wards....

Street Improvement Fund, June 15, 1886..... 351 04

Surveying, Laying-out, etc., Maps, Plans, etc.—Twenty-third and

Twenty-fourth Wards..... 32,517 59

Telephonic Services—Rents and Contingencies..... 1,156 61

Telephonic Services—Rents and Contingencies..... 152 75

38,053 05

The Department of Public Charities and Correction—

Public Charities and Correction..... 22,387 14

The Health Department—

For Burial of Honorably Discharged Soldiers, Sailors or Marines

Health Fund—For Contingent Expenses..... \$35 00

Health Fund—For Disinfection..... 645 13

Hospital Fund—Hospital Supplies, Improvements, Care and

Maintenance of Buildings and Hospitals on North Brother

Island..... 276 71

Island..... 2,824 21

3,781 05

The Department of Street Cleaning—

Cleaning Streets—Department of Street Cleaning..... \$26,154 01

Revenue Bond Fund—Department of Street Cleaning—Chapter

269, Laws of 1892..... 22,637 75

48,791 76

The Fire Department—

Fire Department Fund..... 16,392 20

The Department of Docks—

Dock Fund..... 160,841 38

The Board of Education—

College of the City of New York..... \$10,474 49

Public Instruction..... 18,309 42

School-house Fund..... 43,137 05

The Normal College..... 8,742 14

80,663 10

The Board of Excise—	
Commissioners of Excise Fund.....	\$93 75
Printing, Stationery and Blank Books—	
Printing, Stationery and Blank Books.....	333 33
Municipal Service Examining Boards—	
Civil Service of the City of New York, Expenses of.....	22 51
Commissioners of Accounts—	
Salaries—Commissioners of Accounts.....	24 00
The Sheriff—	
Incidental Expenses of the Sheriff's Office and the County Jail ..	\$111 56
Furniture, Keep of Horses, Repairs to Vans, Horseshoeing, etc.	64 00

175 56

The Bureau of Elections—	
Election Expenses.....	112 50

The Judiciary—	
Salaries—Judiciary.....	348 95

Charitable Institutions—	
Central Islip—For Construction of Buildings for Insane.....	\$216 00
For the Support of Children committed by Police Magistrates, etc.	59,379 16
New York Infant Asylum.....	6,259 30
Ward's Island—For Construction of Buildings for Insane.....	152 50

66,006 96

Miscellaneous Purposes—	
Advertising.....	\$27 20
Armory Fund.....	13,753 00
Assessment Sales—Moneys Refunded.....	281 20
Bridge over the Harlem river at Third avenue.....	30 00
Bridge over the Harlem River at One Hundred and Fifty-fifth	
Street, Construction of.....	154 25
Bureau of Licenses.....	41 00
Commission on Consolidation of Municipalities.....	100 00
Contingencies—District Attorney's Office.....	113 70
Croton Water Rent—Refunding Account.....	76 35
Dog License Fund.....	56 00
Fort Washington Ridge Road, Improvement of.....	2,272 51
Fund for Street and Park Openings.....	6,837 90
Intestate Estates.....	128 32
Judgments.....	3,037 27
Jurors' Fees, including Expenses of Jurors in Civil and Criminal	
Trials.....	109 00
New York Columbian Celebration Fund.....	15 50
Public Building, Twelfth Ward, Construction of.....	27 00
Refunding Assessments Paid in Error.....	12 48
Refunding Taxes Paid in Error.....	1,165 86
Unclaimed Salaries and Wages.....	123 59

28,362 13

Total..... \$753,657 92

SUITS, ORDERS OF COURT, JUDGMENTS, ETC.

COURT.	NAME OF PLAINTIFF.	AMOUNT.	NATURE OF ACTION.	ATTORNEY.
Supreme..	Frank H. Sigerson..	\$32 10	Transcript of judgment.....	H. W. Unger.
"	David R. Hobby.....	4,760 00	Summons and complaint. For salary as an Inspector of Masonry on the New Aqueduct, from February 24, 1887, to December 24, 1889.....	W. F. Sevarance.
Com. Pleas	William D. Lent vs. The Mayor, etc., Edward Gustavson and others....	69 00	Decree dismissing complaint, and in favor of Edward Gustavson vs. Plaintiff, for costs, etc.....	Kellogg, Rose & Smith.
Supreme..	Frank S. Beard.....	230 00	Summons and complaint. For stenographic services in the Court of General Sessions in November, 1892.....	H. W. Unger.
"	James A. Deering....	3,250 38	Liens upon awards to Robert Taggart for opening Bethune street.....	J. A. Deering.
"	Jacob C. Lorillard and others, as Commissioners of Washington Bridge.....	80,055 00	Copy of order to Board of Estimate and Apportionment to show cause on December 23, 1892, why peremptory writ of mandamus should not issue commanding officers of said Board to provide moneys required by the Commissioners, viz.: \$13,175 for year 1892 and \$66,880 for year 1893, and requiring provisions to be made therefor in Final Estimate or by issue of bonds of City.....	Man & Man.
Com. Pleas	James Mooney.....	10,000 00	Summons and complaint. For damages for personal injuries received on May 17, 1892, at intersection of South street and Peck Slip.	Henry Schmitt.
Superior..	Morris Fox, by Joseph Fox, guardian ad litem.....	2,000 00	Summons and complaint. For damages for personal injuries received September 23, 1892.....	Chas. J. Schampain.
Supreme..	Philip and Samuel Abraham vs. Theodore W. Myers, as Comptroller, The Mayor, etc., and Houston and West Street and Pavonia Ferry Railroad Company.....		Orders of injunction, etc., in said proceedings.	
"	In the matter of opening Cathedral Park-way by widening and enlarging One Hundred and Tenth street, between Seventh avenue and Riverside Park.....		Notice to inspect report and of motion to confirm the same.....	W. H. Clark, Corporation Counsel.

CLAIMS FILED.

DATE.	NAME OF CLAIMANT.	AMOUNT.	NATURE OF CLAIM.	ATTORNEY.
Dec. 20	Metropolitan Telephone and Telegraph Co..	\$1,250 00	For telephonic service rendered in April, 1889, to Board of Excise.....	John H. Cahill.
" 21	Adams & Davis.....	1,150 75	For services rendered in taking stenographic notes in case of Christopher C. Campbell, assignee, against The Mayor, etc.....	Sackett & Bennett.
" 21	American Brewing Co..	1,335 00	For damages to horses and wagon, loaded with bar-fixtures, by collision with fire apparatus in James Slip, November 3, 1892.	Barnett & Moran.
" 21	John Kenny.....	900 00	For amount due under contract for building sewer in One Hundred and Sixth street, dated December 14, 1891.....	Kellogg, Rose & Smith.
" 23	John S. McLean, John G. Wendel and the devisees of John McLean, deceased ..	130,100 00	For value of bulkhead or wharfage right on West street, between Morton and Barrow streets.....	F. A. Irish.

CONTRACTS REGISTERED FOR THE WEEK ENDING DECEMBER 24, 1892.

No.	DATE OF CONTRACT.	DEPARTMENT.	NAMES OF CONTRACTORS.	NAMES OF SURETIES.	AMOUNT OF BOND.	DESCRIPTION OF WORK.	COST.
12483	Dec. 16, 1892	Commissioner of Street Improvements, Twenty-third and Twenty-fourth Wards (Bond)	Charles H. Babcock.....	George E. Babcock.....	\$200 00	Constructing receiving-basins and appurtenances on the northeast and southeast corners of Webster avenue and One Hundred and Seventy-ninth street.....Total	\$395 00
12484	" 17, "	Commissioner of Street Improvements, Twenty-third and Twenty-fourth Wards.....	Peter Handibode, Jr. and Henry Hunneke, Jr., composing the firm of Handibode & Hunneke.....	Peter Handibode..... Henry Hunneke.....	4,500 00	Regulating, grading, setting curb-stone, flagging and laying crosswalks in Kelly street, from Westchester to Prospect avenue.....Estimate	6,683 20
12485	Nov. 22, "	Docks.....	Theodore F. Booth.....	Alfred J. Murray..... Augustin Walsh.....	17,000 00	Furnishing and delivering sawed yellow pine timber.....Estimate	37,165 32
12486	Dec. 7, "	Public Works (Bond).....	John Kenny.....	Charles H. Babcock.....	400 00	Constructing receiving-basins on the southeast corner of Ninety-fourth street and northeast and southeast corners of Ninety-fifth street and First avenue.....	.....
12487	" 19, "	Board of Education.....	P. Carragher, Jr.....	Frederick Heipershausen... Henry Alexander.....	1,500 00	Heating apparatus for addition to Grammar School No. 69, at Nos. 125 to 131 West Fifty-fourth street, Twenty-second Ward.....Totals	4,533 00
12488	" 9, "	Public Works.....	Thomas J. Dunn.....	Timothy Mahoney..... Samuel Smyth.....	1,000 00	Furnishing materials and labor for flagging and curbing in front of the Harlem Court-house, on the corner of One Hundred and Twenty-first street and Sylvan place.....Totals	2,050 00
12489	" 14, "	" (Repaving under section 321, Consolidation Act of 1882, etc.)	Barber Asphalt Paving Co.....	A. L. Barber..... E. Burgess Warren.....	1,000 00	Regulating and paving, with asphalt pavement, on the present stone-block pavement, Thames street, from Broadway to Greenwich street, and Mill lane, from South William to Stone street.....Estimate	3,579 65
12490	" 19, "	Public Works.....	Martin Lipps.....	Henry Lipps..... Jacob R. Wilkins.....	2,000 00	Relaying water-mains in Southern Boulevard, Hamilton place, and in One Hundredth, One Hundred and Forty-eighth, One Hundred and Fifty-third, Kelly, Topping and Chisholm streets.....Estimate	4,055 00
12491	" 14, "	Docks.....	P. Sanford Ross.....	Alfred J. Murray..... William D. Wheelwright...	4,000 00	Preparing for and building a crib-bulkhead, with appurtenances, from West One Hundred and Twenty-ninth to West One Hundred and Thirtieth street, North river, and for dredging thereat.....Estimate	9,450 00
12492	" 19, "	Fire.....	Herman Hafker and Christopher Hollwedel, composing the firm of Hafker & Hollwedel.....	Charles A. Marotski..... Henry Evers.....	10,000 00	Erecting and finishing a building for an engine company on the south side of West One Hundred and Thirty-seventh street, 100 feet east of Seventh avenue.....Total	19,445 00

Opening of Proposals.

The Comptroller (by representative) attended the opening of proposals at the following Departments, viz.:

- December 19. Department of Public Charities and Correction—For furnishing about 22,000 pounds of poultry, etc., for use on Christmas Day.
- December 20. Department of Public Works—For taking up and relaying the pavement in the several streets and avenues enumerated in the advertisement of said Department, dated December 7, 1892, published in the CITY RECORD.
- December 21. Department of Public Parks—For cleaning and constructing a concrete bottom in the pond in the Central Park; near Fifty-ninth street, between Fifth and Sixth avenues; for the erection of tool-house and sheds in Central Park; near Transverse Road No. 2 and Eighth avenue; for the erection of a portable skate-house in Central Park; for boilers, water and drainage pipes for the Aquarium in the Castle Garden building in Battery Park, and for furnishing and delivering where required hay, straw, oats, corn and bran.
- December 22. Department of Public Charities and Correction—For 2,000 tons of white ash coal for Out-door Poor.
- December 23. Department of Public Charities and Correction—For poultry, fresh fish, etc., fresh cow's milk and condensed cow's milk for the year 1893.

Approval of Sureties.

The Comptroller approved of the adequacy and sufficiency of the sureties on the following proposals, viz.:

- December 19. For regulating, grading, etc., Willow avenue, from Bronx Kills to One Hundred and Thirty-eighth street.
Rody McLaughlin, No. 363 Brook avenue, Principal.
John Cotter, No. 630 East One Hundred and Thirty-eighth street,
Nicholas Cotter, No. 718 East One Hundred and Thirty-ninth street,
Suresties.
- December 19. For furnishing the gas or other illuminating material for and lighting, extinguishing, cleaning, repairing and maintaining the public lamps (and supplying, gas, etc., for new lamps when required) on the streets, avenues, piers, parks and public places in the City of New York, from January 1, 1893, to December 31, 1893.
Consolidated Gas Company, No. 4 Irving place, Principal.
Sam Sloan, No. 7 East Thirty-eighth street,
Thomas Rutter, No. 814 Fifth avenue,
Central Gas-light Company, No. 350 Alexander avenue, Principal.
William R. Beal, No. 1 West One Hundred and Twenty-first street,
Silas D. Gifford, No. 66 Wall street,
Northern Gas-light Company, No. 1845 Vanderbilt avenue, Principal.
Arthur Leary, No. 90 Fifth avenue,
James Cumings, No. 45 Duane street,
Yonkers Gas-light Company, No. 109 Woodsworth avenue, Principal.
Thomas C. Cornell, Yonkers, N. Y.,
Samuel D. Babcock, No. 636 Fifth avenue,
Standard Gas-light Company, No. 2 Cortlandt street, Principal.
Russell Sage, No. 506 Fifth avenue,
Edward V. Loew, No. 25 West Fifty-seventh street,
Suresties.
- December 20. Mount Morris Electric-light Company, Vandam and Greenwich streets, Principal.
Horace K. Thurber, No. 146 West Twelfth street,
Henry Clausen, Jr., No. 10 East Seventy-eighth street,
Suresties.
- December 21. New York Mutual Gas-light Company, No. 36 Union Square, Principal.
Arthur Leary, No. 90 Fifth avenue,
Charles H. Kerner, Clarendon Hotel,
Suresties.
- December 21. For the erection of tool-house and sheds in Central Park, near Transverse road No. 2 and Eighth avenue.
John E. McGuire, No. 507 East Seventy-sixth street, Principal.
Robert Boyd, No. 1929 Madison avenue,
David Boyd, No. 59 East One Hundred and Twentieth street,
Suresties.
- December 21. For salt and fresh water filters for the Aquarium in the Castle Garden Building in Battery Park in the City of New York.
Field Force Pump Company, Lockport, N. Y., Principal.
Henry D. Lyman, No. 160 Broadway,
American Surety Company, No. 160 Broadway,
Suresties.
- December 21. For repairing Pier, new 59, North river, near the foot of West Twenty-ninth street, North river.
Mathew A. Ryan, No. 62 East Eighty-eighth street, Principal.
Emma L. Ryan, No. 62 East Eighty-eighth street,
John Quinn, No. 559 West Fifty-first street,
Joseph Ryan, No. 66 East Eighty-eighth street,
Suresties.
- December 22. For constructing sewer and appurtenances in Walnut avenue, between One Hundred and Thirty-eighth and One Hundred and Forty-first streets.
M. J. Leahy, Denman place, near Forest avenue, Principal.
John J. Bell, No. 120 West One Hundred and Twenty-first street,
Owen Toher, One Hundred and Eighty-fourth street and Third avenue,
Suresties.
- December 22. For regulating, grading, etc., the sidewalks in One Hundred and Thirty-sixth street, from the Southern Boulevard to Locust avenue.
M. J. Leahy, Denman place near Forest avenue, Principal.
John J. Bell, No. 120 West One Hundred and Twenty-first street,
Charles L. Adams, Mount Vernon, N. Y.,
Suresties.

December 22. For sewer in Ninety-eighth street, between West End avenue and Boulevard.
John H. White, No. 2310 Third avenue, Principal.
John Cullen, No. 34 West One Hundred and Fifteenth street,
Edward J. Moloughney, No. 843 Amsterdam avenue,
Suresties.

December 23. For regulating and grading, etc., One Hundred and Thirtieth street, from Amsterdam to Convent avenue.
J. J. Hopper, No. 113 West One Hundred and Twenty-fourth street, Principal.
Thomas J. Larkin, No. 1414 Amsterdam avenue,
Isaac A. Hopper, No. 165 West One Hundred and Twenty-second street,
Suresties.

December 23. For regulating and paving with granite-block pavement One Hundred and Sixty-ninth street, from Franklin avenue to Boston road.
M. J. Leahy, Denman place and Forest avenue, Principal.
George N. Reinhardt, No. 1110 Washington avenue,
Owen Toher, No. 184 Third avenue,
Suresties.

December 24. For furnishing the gas or other illuminating material for and lighting, extinguishing, cleaning, repairing and maintaining the public lamps (and supplying gas, etc., for new lamps when required) on the streets, avenues, piers, parks and public places in the City of New York, from January 1 to December 31, 1893.
Equitable Gas Light Co., Third avenue and Twenty-fifth street, Principal.
E. J. Jerzmanowski, No. 818 Madison avenue,
John Fox, No. 10 East Fiftieth street,
Suresties.

December 24. For furnishing, operating and maintaining electric-lamps for the period of one year from January 1 to December 31, 1893, for lighting such streets or parts of streets, parks and public places in the City of New York, as may be determined upon by the Mayor, Comptroller and Commissioner of Public Works after the estimates are opened.
Thomson-Houston Electric-light Company, No. 425 East Twenty-fourth street, Principal.
William H. Kelly, No. 337 East Fifteenth street,
Peter Butterly, No. 400 East Fifteenth street,
Suresties.

December 24. For furnishing the Department of Public Charities and Correction with 2,000 tons of white ash coal for the Out-door Poor.
George W. Winant, No. 410 West Nineteenth street, Principal.
George Hayes, No. 71 Eighth avenue,
Richard B. Fitzpatrick, No. 408 West Thirteenth street,
Suresties.

Return of Proposals.

December 21. Proposal of M. J. Leahy, for regulating, etc., One Hundred and Thirty-sixth street, returned to the Department of Street Improvements, Twenty-third and Twenty-fourth Wards, for action on the proposed substitution of John J. Bell and Charles L. Adams as sureties thereon in the place of D. Kelly and G. B. Raymond, the original sureties.

December 21. Proposal of M. J. Leahy, for sewer in Walnut avenue, returned to the Department of Street Improvements, Twenty-third and Twenty-fourth Wards, for action on the proposed substitution of John J. Bell and Owen Toher as sureties thereon in the place of D. Kelly and G. B. Raymond, the original sureties.

December 22. Proposals of M. J. Leahy, for paving One Hundred and Sixty-ninth street, returned to the Department of Street Improvements, Twenty-third and Twenty-fourth Wards, for action on the proposed substitution of George N. Reinhardt and Owen Toher, as sureties thereon in the place of D. Kelly and G. B. Raymond, the original sureties.

December 22. Proposal of John J. Hopper, for regulating, etc., in One Hundred and Thirtieth street, returned to the Department of Public Works for action on the proposed substitution of Thomas Larkin, as a surety thereon in the place of James Kelly, Jr., one of the original sureties.

December 23. Proposal of Blake & Williams, for steam heating, returned to the Health Department for action on the proposed substitution of Albert Smith, as a surety thereon in the place of V. Williamson, one of the original sureties.

Official Bonds Renewed.

Charles J. McGee, Clerk of Markets.
Robert B. Lynd, No. 1125 Madison avenue,
James Menair, No. 206 West Thirty-third street,
Penalty, \$5,000.
Suresties.

John J. Martin, Dock Master.
Louis F. Scofield, corner Riverdale avenue and Church street,
William J. Riley, Spuyten Duyvil,
Penalty, \$3,000.
Suresties.

George A. Woods, Dock Master.
James McLaughlin, No. 140 West Sixty-seventh street,
Franklin Bartlett, No. 10 East Sixteenth street,
Penalty, \$3,000.
Suresties.

Bartholomew F. Kenney, Dock Master.
Michael Regan, No. 75 Clarkson street,
William H. Walker, No. 6 St. Luke's place,
Penalty, \$3,000.
Suresties.

Charles S. Coye, Dock Master.
C. B. Lawrence, No. 319 Washington avenue, Brooklyn,
Ernest C. Bliss, No. 24 West Thirty-sixth street,
Penalty, \$3,000.
Suresties.

James A. Monaghan, Dock Master.
Edward Flanagan, No. 100 East Eighty-third street, } Sureties.
Patrick McCollum, No. 194 Mulberry street, }
Penalty, \$3,000.

Joseph F. Meehan, Dock Master.
Michael Caldon, No. 408 Cherry street, } Sureties.
William D. Pennefether, No. 416 Cherry street, }
Penalty, \$3,000.

Henry A. Palmstine, Dock Master.
Charles H. Howe, No. 216 East One Hundred and } Sureties.
Twenty-third street, }
Charles Mierisch, No. 2264 Third avenue, }
Penalty, \$3,000.

Edward Abeel, Dock Master.
Israel P. Mersereau, No. 143 West One Hundred and } Sureties.
Twenty-third street, }
John Miner, No. 1391 Pacific street, Brooklyn, }
Penalty, \$3,000.

James W. Carson, Dock Master.
Thomas F. Mullen, No. 235 East Thirty-sixth street, } Sureties.
James McCartney, No. 1199 Fulton avenue, Brooklyn, }
Penalty, \$3,000.

THEO. W. MYERS, Comptroller.

BOARD OF CITY RECORD

MAYOR'S OFFICE, CITY HALL,
NEW YORK, December 23, 1892.

The Hons. Hugh J. Grant, Mayor; William H. Clark, Counsel to the Corporation, and Thomas F. Gilroy, Commissioner of Public Works, the officers designated by section 66 of the New York City Consolidation Act, met this day.

The minutes of the meeting of December 6 were read and approved.

Requisitions were laid before the Board, and were acted on, as follows:

No.	DATE.	APPLIED FOR.	ACTION OF BOARD.
		<i>By Department of Public Works.</i>	
Oct. 3, 1892		50 copies contract for gas, etc., fixtures in new Harlem Court-house.....	Allowed.
		50 copies estimate for gas, etc., fixtures in new Harlem Court-house.....	"
" 13, "		30 copies contract for flagging Fifth avenue and Forty-second street.....	"
		30 copies estimate for flagging Fifth avenue and Forty-second street.....	"
		30 envelopes.....	"
" 14, "		50 copies contract for gas-lighting.....	"
		30 copies estimate for gas-lighting.....	"
		25 envelopes.....	"
		60 copies contract for electric-lighting.....	"
		30 copies estimate for electric-lighting.....	"
		25 envelopes.....	"
" 15, "		30 copies contract for cut stone for Old Reservoir.....	"
" 19, "		50 copies contract for sewer in Seventy-eighth street.....	"
		50 copies contract for sewer in South street.....	"
		50 copies contract for sewer in Ninety-eighth street.....	"
		50 copies contract for sewer in One Hundred and Forty-eighth street.....	"
		<i>By Commissioner of Street Improvements.</i>	
Aug. 19, "		75 copies contract for sewer in Walnut avenue.....	"
		75 copies estimate for sewer in Walnut avenue.....	"
" 25, "		75 copies contract for paving One Hundred and Sixty-fifth street.....	"
		75 copies estimate for paving One Hundred and Sixty-fifth street.....	"
Sept. 1, "		75 copies contract for paving One Hundred and Sixty-ninth street.....	"
		75 copies estimate for paving One Hundred and Sixty-ninth street.....	"
		75 copies contract for sewer in One Hundred and Seventy-fifth street.....	"
		75 copies estimate for sewer in One Hundred and Seventy-fifth street.....	"
" 6, "		75 copies contract for sewer in Teasdale place.....	"
		75 copies estimate for sewer in Teasdale place.....	"
" 21, "		75 copies contract for paving One Hundred and Thirty-fourth street.....	"
		75 copies estimate for paving One Hundred and Thirty-fourth street.....	"
" 26, "		75 copies contract for sewer in Wendover avenue.....	"
		75 copies estimate for sewer in Wendover avenue.....	"
Oct. 3, "		75 copies contract for paving Forest avenue.....	"
		75 copies estimate for paving Forest avenue.....	"
" 17, "		75 copies contract for regulating and grading Courtlandt avenue.....	"
		75 copies estimate for regulating and grading Courtlandt avenue.....	"
		<i>By Health Department.</i>	
" 27, "		30 copies contract for new Reception Hospital.....	"
		30 copies estimate for new Reception Hospital.....	"
Nov. 4, "		30 copies contract for plumbing for new Reception Hospital.....	"
		30 copies estimate for plumbing for new Reception Hospital.....	"

By a concurrent vote of the three members of the Board, the Supervisor was directed to fill the approved requisitions by direct orders, that is, without contracts let after advertisement, that course being deemed by them to be for the best interests of the City.

The Supervisor of the City Record reported that he had completed the specifications of the stationery required by the Departments during the year 1893, and would be ready to advertise for bids on Tuesday or Wednesday, the 27th or 28th instants. He said he had gone over the requisitions very carefully, and whenever they were out of proportion to the needs of the Departments, in the light of experience, he had cut them down. On motion of Commissioner Gilroy, the action of the Supervisor was approved, and he was directed to advertise for bids as soon as possible.

The Supervisor said there were a few things that the Courts and Departments ought to have by January 1, before contracts for either stationery or printed matter could be let. He asked for permission to order them at once. The Commissioner of Public Works said he thought the Supervisor should be allowed to use his discretion in that matter. On his motion, and by a concurrent vote of the three officers, the Supervisor was directed to procure articles immediately necessary by direct orders, that course being deemed to be for the best interests of the city.

John F. Hahn appeared before the Board respecting the request he made at the meeting of November 29, for an opportunity to make a bid to print and bind the indexes to the records of births, marriages and deaths. In response to questions from Commissioner Gilroy he said his establishment was a "union office," and that he would do the work for \$2.70 a page. On motion of the Counsel to the Corporation, the Supervisor was directed to officially ascertain whether Mr. Hahn's office was a "union office."

A request from the Department of Taxes for authority to advertise, three times, between January 3 and 8, 1893, in two daily newspapers, a notice of the opening for public inspection of the record of assessed valuations of real and personal estate for 1893, was granted, and the "Sun" and "Daily News" were designated as the newspapers by a concurrent vote of the three officers.

An agreement with Martin B. Brown to print and distribute the CITY RECORD during the year 1893, and a contract with the L. W. Ahrens Stationery and Printing Company to supply the Board of Aldermen, the District Attorney and the Court of Common Pleas with books for the year 1893 were signed.

The bill of M. B. Brown for printing and distributing the CITY RECORD during November (\$3,104.31) was signed.

Pay-rolls of Robert McManus and William H. Levitt (bookbinders) for weeks ending December 10 and 17 were signed (\$84).

Adjourned.

WM. J. K. KENNY, Secretary.

METEOROLOGICAL OBSERVATORY

OF THE

DEPARTMENT OF PUBLIC PARKS, CENTRAL PARK, NEW YORK.

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

ABSTRACT OF REGISTERS FROM SELF-RECORDING INSTRUMENTS

For the Week Ending December 24, 1892.

Barometer.

DATE.	7 A.M.	2 P.M.	9 P.M.	MEAN FOR THE DAY.	MAXIMUM.	MINIMUM.
DECEMBER.	Reduced to Freezing.	Reduced to Freezing.	Reduced to Freezing.	Reduced to Freezing.	Reduced to Freezing.	Time.
Sunday, 18	29.910	29.860	29.864	29.878	29.928	10 A.M.
Monday, 19	29.850	29.792	29.770	29.804	29.866	0 A.M.
Tuesday, 20	29.570	29.692	30.000	29.754	30.086	12 P.M.
Wednesday, 21	30.184	30.100	30.092	30.125	30.210	9 A.M.
Thursday, 22	30.110	30.032	30.034	30.059	30.130	10 A.M.
Friday, 23	29.918	29.686	29.652	29.752	30.016	0 A.M.
Saturday, 24	29.574	29.600	29.754	29.643	29.754	9 P.M.

Mean for the week..... 29.859 inches.
Maximum " at 9 A.M., December 21st..... 30.210 "
Minimum " at 8 A.M., December 20th..... 29.560 "
Range "650 "

Thermometers.

DATE.	7 A.M.	2 P.M.	9 P.M.	MEAN.	MAXIMUM.	MINIMUM.	MAXIMUM.
DECEMBER.	Dry Bulb.	Wet Bulb.	Dry Bulb.	Wet Bulb.	Dry Bulb.	Wet Bulb.	In Sun.
Sunday, 18	32	31	39	34	38	35	36.3
Monday, 19	34	34	40	36	40	37	38.0
Tuesday, 20	35	34	32	30	24	23	30.3
Wednesday, 21	23	21	31	29	30	29	28.6
Thursday, 22	22	21	27	24	23	21	24.0
Friday, 23	22	19	26	24	22	21	23.3
Saturday, 24	13	10	22	19	18	16	17.6

Mean for the week..... 28.2 degrees.
Maximum for the week, at 11 P.M., 19th..... 41. " at 12 P.M., 19th..... 38. "
Minimum " at 5 A.M., 24th..... 10. " at 5 A.M., 24th..... 8. "
Range " 31. "

Wind.

DATE. DECEMBER.		DIRECTION.			VELOCITY IN MILES.				FORCE IN POUNDS PER SQUARE FOOT.					
		7 A.M.	2 P.M.	9 P.M.	3 P.M. to 7 A.M.	4 A.M. to 2 P.M.	5 P.M. to 9 P.M.	Distance for the Day.	7 A.M.	2 P.M.	9 P.M.	Max.	Time.	
Sunday,	18...	WNW	WSW	SW	42	33	63	138	0	½	½	2½	6.10 P.M.	
Monday,	19...	WSW	WSW	SW	80	75	61	216	½	1½	¾	3½	1.10 P.M.	
Tuesday,	20...	NNE	NW	WNW	50	84	72	206	2½	1½	1½	4	8 A.M.	
Wednesday,	21...	W	W	W	74	74	66	214	¾	4	½	6	1.50 P.M.	
Thursday,	22...	NW	NW	WNW	81	96	82	259	¾	6½	½	12	0.15 P.M.	
Friday,	23...	SW	W	NW	91	104	84	279	1¾	11	¾	12	1.20 P.M.	
Saturday,	24...	WNW	NW	NW	179	176	131	486	5½	22½	4½	30	0.15 P.M.	

Distance traveled during the week..... 1,798 miles.
Maximum force..... 30 pounds.

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.
JOHN A. SULLIVAN, Collector of the City Revenue and Superintendent of Markets.
No money received after 2 P. M.

Bureau for the Collection of Taxes.
No. 57 Chambers street and No. 35 Reade street, Stewart Building, 9 A. M. to 4 P. M.
GEORGE W. MCLAN, Receiver of Taxes; DAVID E. AUSTIN, 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.
THOMAS C. T. CRAIN, City Chamberlain.

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

LAW DEPARTMENT.

Office of the Counsel to the Corporation.
Staats Zeitung Building, third and fourth floors, 9 A. M. to 5 P. M. Saturdays, 9 A. M. to 12 M.
WILLIAM H. CLARK, Counsel to the Corporation.
ANDREW T. CAMPBELL, Chief Clerk.

Office of the Public Administrator.
No. 40 Beekman street, 9 A. M. to 4 P. M.
WILLIAM M. HOES, Public Administrator.

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

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

JOHN G. H. MEYERS, Attorney.
MICHAEL J. DOUGHERTY, Clerk.

POLICE DEPARTMENT

Central Office.

No. 300 Mulberry street, 9 A. M. to 4 P. M.
JAMES J. MARTIN, President; CHARLES F. MACLEAN, JOHN MCCLAVE and JOHN C. SHEEHAN, Commissioners; WILLIAM H. KIPP, Chief Clerk; T. F. RODENBOUGH, Chief of 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; CHAS. E. SIMMONS, M. D., and EDWARD C. SHEEHY, Commissioners; GEORGE E. BRITTON, Secretary.
Purchasing Agent, FREDERICK A. CUSHMAN. Office hours, 9 A. M. to 4 P. M. Saturdays, 12 M.
Plans and Specifications, Contracts, Proposals and Estimates for Work and Materials for Building, Repairs and Supplies, Bills and Accounts, 9 A. M. to 4 P. M. Saturdays, 12 M.
CHAS. BENN, General Bookkeeper.
Out-Door Post Department. Office hours, 8:30 A. M. to 4:30 P. M. WILLIAM BLAKE, Superintendent. Entrance on Eleventh street.

DEPARTMENT OF BUILDINGS.

No. 220 Fourth avenue, corner of Eighteenth street, 9 A. M. to 4 P. M.
THOMAS J. BRADY, Superintendent.

FIRE DEPARTMENT.

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

Headquarters.

Nos. 157 and 159 East Sixty-seventh street.
S. HOWLAND ROBBINS, President; ANTHONY EICKHOFF and JOHN J. SCANNELL, Commissioners; CARL JUSSEN, Secretary.
HUGH BOKNER, Chief of Department; PETER SEERY, Inspector of Combustibles; JAMES MITCHELL, Fire Marshal; WM. L. FINDLEY, Attorney to Department; J. ELLIOT SMITH, Superintendent of Fire Alarm Telegraph.
Central Office open at all hours.

HEALTH DEPARTMENT

No. 301 Mott street, 9 A. M. to 4 P. M.
CHARLES C. WILSON, President, and JOSEPH D. BRYANT, M. D., the President of the Police Board and HEALTH OFFICER OF THE PORT, *ex officio*, Commissioners; 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.
PAUL DANA, President; ABRAHAM B. TAPPEN, NATHAN STRAUS and HENRY WINTHROP GRAY, Commissioners; CHARLES DE F. BURNS, Secretary.

DEPARTMENT OF DOCKS.

Battery, Pier A, North river.
J. SERGEANT CRAM, President; EDWIN A. POST and JAMES J. PHELAN, Commissioners; AUGUSTUS T. DOCHARTY, 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.
EDWARD P. BARKER, President; EDWARD L. PARRIS and GEORGE C. CLAUSEN, Commissioners; FLOYD T. SMITH, Secretary.

DEPARTMENT OF STREET CLEANING.

Stewart Building. Office hours, 9 A. M. to 4 P. M.
THOMAS S. BRENNAN, Commissioner; JOHN J. RYAN, Deputy Commissioner; J. JOSEPH SCULLY, Chief Clerk.

CIVIL SERVICE SUPERVISORY AND EXAMINING BOARDS.

Cooper Union, 9 A. M. to 4 P. M.
JAMES THOMSON, Chairman; WILLIAM HILDRETH FIELD and HENRY MARQUAND, Members of the Supervisory Board; LEE PHILLIPS, Secretary and Executive Officer.

BOARD OF ESTIMATE AND APPORTIONMENT

The Mayor, Chairman; E. P. BARKER (President, Department of Taxes and Assessments), Secretary; the COMPTROLLER and PRESIDENT OF THE BOARD OF ALDERMEN, Members; CHARLES V. ADRE, Clerk.
Office of Clerk, Staats Zeitung Building, Room 5.

BOARD OF ASSESSORS.

Office, 27 Chambers street, 9 A. M. to 4 P. M.
EDWARD GILON, Chairman; EDWARD CAHILL, CHARLES E. WENDT and PATRICK M. HAVERTY; WM. H. JASPER, Secretary.

BOARD OF EXCISE.

No. 54 Bond street, 9 A. M. to 4 P. M.
LEICESTER HOLME, WILLIAM S. ANDREWS and WILLIAM DALTON, Commissioners; JAMES F. BISHOP, Secretary.

SHERIFF'S OFFICE.

Nos. 6 and 7 New County Court-house, 9 A. M. to 4 P. M.
JOHN J. GORMAN, Sheriff; JOHN B. SEXTON, Under Sheriff.

REGISTER'S OFFICE.

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

COMMISSIONER OF JURORS.

Room 127, Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.
BERNARD F. MARTIN, Commissioner; JAMES F. CONNER, Deputy Commissioner.

COUNTY CLERK'S OFFICE.

Nos. 7 and 8 New County Court-house, 9 A. M. to 4 P. M.
HENRY D. PURROY, 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.
DE LANCEY NICOLL, District Attorney; EDWARD T. FLYNN, 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.
W. J. KENNY, Supervisor; DAVID RYAN, Assistant Supervisor; JOHN J. McGRATH, Examiner.

CORONERS' OFFICE.

No. 27 Chambers street, 8 A. M. to 5 P. M. Sundays and holidays, 8 A. M. to 12:30 P. M.
MICHAEL J. B. MESSEMER, LOUIS W. SCHULTZ, JOHN B. SHEA, and WILLIAM J. McKENNA, Coroners; EDWARD F. REYNOLDS, Clerk of the Board of Coroners.

SURROGATE'S COURT.

New County Court-house. Court opens at 10:30 A. M. adjourns 4 P. M.
KASTUS S. RANSOM and FRANK T. FITZGERALD, Surrogates; WILLIAM V. LEARY, Chief Clerk.

SUPREME COURT

Second floor, New County Court-house, opens 10:30 A. M. adjourns 4 P. M.
CHARLES H. VAN BRUNT, Presiding Justice; GEORGE L. INGRAHAM, ABRAHAM R. LAWRENCE, GEORGE C. BARRETT, GEORGE P. ANDREWS, EDWARD PATTERSON and MORGAN J. O'BRIEN, Justices; HENRY D. PURROY, 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. MCCALL, Clerk.
Circuit, Part I., Room No. 12, WALTER A. BRADY, Clerk.
Circuit, Part II., Room No. 14, JOHN LERSCHER, Clerk.
Circuit, Part III., Room No. 13, GEORGE F. LYON, Clerk.
Circuit, Part IV., Room No. 15, J. LEWIS LYON, Clerk.

SUPERIOR COURT.

Third floor, New County Court-house, opens 11 A. M. adjourns 4 P. M.
General Term, Room No. 35.
Special Term, Room No. 33.
Equity Term, Room No. 30.
Chambers, Room No. 33.
Part I., Room No. 34.
Part II., Room No. 36.
Part III., Room No. 36.
Naturalization Bureau, Room No. 31.
Clerk's Office, Room No. 31, 9 A. M. to 4 P. M.
JOHN SEDGWICK, Chief Judge; JOHN J. FREEDMAN, CHARLES H. TRUAX, P. HENRY DUGRO, DAVID MCADAM and HENRY A. GILDERSLEEVE, Judges; 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. 21, 9 A. M. to 4 P. M.
General Term, Room No. 24, 11 o'clock A. M. to adjournment.
Special Term, Room No. 22, 11 o'clock A. M. to adjournment.
Chambers, Room No. 22, 10:30 o'clock A. M. to adjournment.
Part I., Room No. 26, 11 o'clock A. M. to adjournment.
Part II., Room No. 24, 11 o'clock A. M. to adjournment.
Equity Term, Room No. 25, 11 o'clock A. M. to adjournment.
Naturalization Bureau, Room No. 23, 9 A. M. to 4 P. M.
JOSEPH F. DALY, Chief Judge; MILES BEACH, HENRY BOOKSTAVEN, HENRY BISCHOFF, JR., ROGER A. PRYOR and LEONARD A. GIEGERICH, Judges; ALFRED WAGSTAFF, Chief Clerk.

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. Court-room, southwest corner of Centre and Chambers streets.
WAUHOPE LYNN, Justice. LOUIS C. BRUNS, Clerk.
Clerk's Office open from 9 A. M. to 4 P. M.

Second District—Second, Fourth, Sixth and Fourteenth Wards, and all that portion of the First Ward lying south and east of Broadway and Whitehall street. Court-room, corner of Grand and Centre streets.
CHARLES M. CLANCY, Justice. JAMES DUNPHY, Clerk.

Clerk's Office open from 9 A. M. to 4 P. M.
Third District—Ninth and Fifteenth Wards. Court room, southwest corner Sixth avenue and West Tenth street. Court open daily (Sundays and legal holidays excepted) from 9 A. M. to 4 P. M.
WM. F. MOORE, Justice. WILLIAM H. CORSA, Clerk.

Fourth District—Tenth and Seventeenth Wards. Court-room, No. 30 First street, corner Second avenue. Court opens 9 A. M. daily, and remains open to close of business.
ALFRED STECKLER, Justice. JULIUS HARBURGER, Clerk.

Fifth District—Seventh, Eleventh and Thirteenth Wards. Court-room, No. 154 Clinton street.
HENRY M. GOLDFOGLE, Justice. JOHN DUANE, Jr., Clerk.

Sixth District—Eighteenth and Twenty-first Wards. Court-room, northwest corner Twenty-third street and Second avenue. Court opens 9 A. M. daily; continues open to close of business.
SAMSON LACHMAN, Justice. PHILIP AHERN, Clerk.

Seventh District—Nineteenth Ward. Court-room No. 151 East Fifty-seventh street. Court opens every morning at 9 o'clock (except Sundays and legal holidays), and continues open to the close of business.
JOHN B. MCKEAN, Justice. SYLVESTER E. NOLAN, Clerk.

Eighth District—Sixteenth and Twentieth Wards. Court-room, southwest corner of Twenty-second street and Seventh avenue. Court opens at 9 A. M. and continues open to close of business.

Clerk's office open from 9 A. M. to 4 P. M. each court day.
Trial days, Wednesdays, Fridays and Saturdays. Return days, Tuesdays, Thursdays and Saturdays.
JOHN JEROLMAN, Justice. CARSON G. ARCHIBALD, Clerk.

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. Court-room, No. 150 East One Hundred and Twenty-fifth street.
JOSEPH P. FALLON, Justice. WILLIAM J. KENNEDY, Clerk.

Clerk's office open daily from 9 A. M. to 4 P. M. Trial days, Tuesdays and Fridays. Court opens at 9 1/2 A. M.

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

WILLIAM G. MCCREA, Justice, WM. H. GERMAINE, Clerk.

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

THE NORMAL COLLEGE OF THE CITY OF NEW YORK.

A STATED MEETING OF THE BOARD OF Trustees of the Normal College of the City of New York will be held at the Hall of the Board of Education, No. 146 Grand street, on Tuesday, January 17, 1893, at 4 o'clock P. M.

By order,
JOHN L. N. HUNT, Chairman.

ARTHUR McMULLIN, Secretary.

Dated New York, January 9, 1893.

THE COLLEGE OF THE CITY OF NEW YORK.

A STATED MEETING OF THE BOARD OF Trustees of the College of the City of New York will be held at the Hall of the Board of Education, No. 146 Grand street, on Tuesday, January 17, 1893, at 4:30 o'clock P. M.

By order,
JOHN L. N. HUNT, Chairman.

ARTHUR McMULLIN, Secretary.

Dated New York, January 9, 1893.

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, January 6, 1893, 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 New York, January 4, 1893.

V. B. LIVINGSTON, Secretary.

CIVIL SERVICE SUPERVISORY AND EXAMINING BOARDS.

NEW YORK CITY CIVIL SERVICE BOARDS,
COOPER UNION,
NEW YORK, January 4, 1893.

PUBLIC NOTICE IS HEREBY GIVEN THAT open competitive examinations for the positions below mentioned will be held at this office upon the date specified:

January 10. TELEGRAPH OPERATOR, Police Department.
January 10. INSPECTOR in the office of the Mayor's Marshal.

LEE PHILLIPS, Secretary and Executive Officer.

DEPARTMENT OF TAXES AND ASSESSMENTS.

DEPARTMENT OF TAXES AND ASSESSMENTS,
STAATS ZEITUNG BUILDING,
NEW YORK, January 3, 1893.

IN COMPLIANCE WITH SECTION 817 OF THE New York City Consolidation Act of 1882, it is hereby advertised that the books of "The Annual Record of the Assessed Valuations of Real and Personal Estate" of the City and County of New York, for the year 1893, will be opened on January 9, 1893, and will remain open for examination and correction until the thirtieth day of April, 1893.

All persons believing themselves aggrieved must make application to the Commissioners of Taxes and Assessments, at this office, during the period said books are open, in order to obtain the relief provided by law.

Applications for correction of assessed valuations on personal estate must be made by the person assessed to the said Commissioners, between the hours of 10 A. M. and 2 P. M., except on Saturdays, when between 10 A. M. and 12 M., at this office, during the same period.

EDWARD P. BARKER,
GEORGE C. CLAUSEN,
EDWARD L. PARRIS,
Commissioners of Taxes and Assessments.

DEPARTMENT OF DOCKS.

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

TO CONTRACTORS.

(No. 433.)

PROPOSALS FOR ESTIMATES FOR THE REMOVAL OF PIER OLD 42, THE STRUCTURE THEREON, AND DREDGING OVER SITE OF SAME, ON THE NORTH RIVER.

ESTIMATES FOR REMOVAL OF PIER OLD 42, the structure thereon, and dredging over site of same, 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 THURSDAY, JANUARY 19, 1893, 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 Eight Thousand Six Hundred Dollars.

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

CLASS I.
Labor of removing the existing Pier and Dumping-board thereon.
CLASS II.
Mud Dredging, about..... 20,000 cubic yards.
CLASS III.
Crib Dredging, about..... 16,000 "
CLASS IV.
Dredging Crib-work not filled in with stone, about..... 1,200 "

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:

(1.) Bidders must satisfy themselves by personal examination of the locations 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. No extra compensation beyond the amount payable for each class of the work before mentioned, which shall be actually performed at the prices therefor, to be specified by the lowest bidder, shall be due or payable for the entire work.

The work to be done under the contract is to be commenced on or about January 25, 1893, or within five days after notification from the Engineer-in-Chief of the Department of Docks that the premises are in such condition that the work can proceed, and the entire work is to be fully completed on or before the expiration of three months after the date of said notification from the Engineer-in-Chief or within as many days thereafter as the dumping-board on the pier may be in use or occupied by the Department of Street Cleaning, or by the Department of Docks, one month after the date of notification from the Engineer-in-Chief, and the damages to be paid by the contractor for each day that the contract may be unfulfilled after the time fixed for the fulfillment thereof has expired, are by a clause in the contract, fixed and liquidated at Fifty Dollars per day.

All the old material taken from the structures to be removed under the contract, except such portions hereinafter specified which are to be delivered to the Department of Docks, will become the property of the contractor, and bidders must estimate the value of such material when considering the prices for which they will do the work under the contract.

Bidders will state in their estimates a price for the whole of the work to be done, in each class, in conformity with the approved form of agreement and the specifications therein set forth, by which prices the bids will be tested. These prices are to cover all expenses of every kind involved in or incidental to the fulfillment of the contract, including any claim that may arise through delay, from any cause, in the performing of the work thereunder. Bidders will distinctly write out, both in words and in figures, the amount of their estimates for doing each class of 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, 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 a surety in good faith, and with the intention to execute the bond required by law. The adequacy and sufficiency of the security offered will be subject to approval by the Comptroller of the City of New York after the award is made and prior to the signing of the contract.

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-book, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the 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 agreement, including specifications, and showing the manner of payment for the work, can be obtained upon application therefor at the office of the Department.

J. SERGEANT CRAM,
EDWIN A. POST,
JAMES J. PHELAN,
Commissioners of the Department of Docks.
Dated New York, January 6, 1893.

FIRE DEPARTMENT

HEADQUARTERS FIRE DEPARTMENT,
157 AND 159 EAST SIXTY-SEVENTH STREET,
NEW YORK, January 5, 1893.

TO CONTRACTORS.

SEALED PROPOSALS FOR FURNISHING the materials and labor and doing the work required in repairing the fire-boat "William F. Havemeyer," of 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, January 13, 1893, 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, which form part of these proposals.

The form of the agreement, with specifications, showing the manner of payment for the work, may be seen, and forms of proposals may be obtained 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 thirty (30) 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 his faithful performance in the sum of one thousand five hundred (\$1,500) 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 seventy-five (75) 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,
JOHN J. SCANNELL,
Commissioners.

HEADQUARTERS FIRE DEPARTMENT,
NOS. 157 AND 159 EAST SIXTY-SEVENTH STREET,
NEW YORK, December 27, 1892.

TO CONTRACTORS.

SEALED PROPOSALS FOR FURNISHING THIS Department with the following articles:
400,000 pounds Hay, of the quality and standard known as Best Sweet Timothy.
80,000 pounds good, clean Rye Straw.
4,000 bags clean No. 1 White Oats, 80 pounds to the bag.

1,600 bags first quality Bran, 40 pounds to the bag. —will be received by the Board of Commissioners at the head of the Fire Department, at the office of said Department, Nos. 157 and 159 East Sixty-seventh street, in the City of New York, until 10 o'clock A. M., Wednesday, January 11, 1893, at which time and place they will be publicly opened by the head of said Department and read.

All of the articles are to be delivered at the various houses of the Department, in such quantities and at such times as may be directed.

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

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

Proposals must include all the items, specifying the price per cwt. for hay and straw, and per bag for oats and bran.

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

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

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

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 his faithful performance in the sum of five thousand (\$5,000) dollars; and that if he shall omit or refuse to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled on its completion and that which the Corporation may be obliged to pay to the person to whom the contract may be awarded at any subsequent letting; the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of this contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety or otherwise; and that he has offered himself as a surety in good faith and with the intention to execute the bond required by law. The adequacy and sufficiency of the security offered is to be approved by the Comptroller of the City of New York before the award is made and prior to the signing of the contract.

No estimate will be considered unless accompanied by either a certified check upon one of the banks of the City of New York, drawn to the order of the Comptroller, or money to the amount of two hundred and fifty (250) dollars. Such check or money must not be inclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited 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.

HENRY D. PURROY,
S. HOWLAND ROBBINS,
ANTHONY EICKHOFF,
Commissioners.

BOARD OF CITY RECORD.

OFFICE OF THE CITY RECORD,
NO. 2 CITY HALL,
NEW YORK, December 29, 1892.

PROPOSALS FOR FURNISHING STATIONERY AND CERTAIN BOOKS AND BINDING FOR THE USE OF COURTS AND THE DEPARTMENTS AND BUREAUS OF THE GOVERNMENT OF THE CITY OF NEW YORK.

TO STATIONERS AND BOOKBINDERS.

SEALED ESTIMATES FOR SUPPLYING THE City Government with Stationery, Paper, Ink, Pens, Pencils, Penholders, Rubber Bands, etc., and certain Books and Binding—will be received at the office of the Supervisor of the City Record, Room No. 2, until 12 o'clock M. of Thursday, the 12th day of January, 1893, at or about which time said estimates will be publicly opened and read in the office of the Mayor.

Each person making an estimate shall inclose it in a sealed envelope, indorsed "Estimate for furnishing Stationery," and with his name and the date of its presentation.

Each estimate shall state the name and place of residence of the person making it; if there is more than one such person, their names and residences must be given; and if only one person is interested in the estimate it must distinctly state that fact; also, that it is made without any connection with any other person making an estimate for the same purpose, and is in all respects fair and without collusion or fraud; and that no member of the Common Council, head of a department, chief of a bureau, deputy thereof or clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or work to which it relates, or in any portion of the profits thereof. The estimate

must be verified by the oath, in writing, of the party or parties making the estimate that the several matters stated therein are in all respects true. Where more than one person is interested it is requisite that the verification be made and subscribed by all the parties interested.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, upon its being so awarded, become bound as his sureties for its faithful performance; and that if he shall omit or refuse to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled upon its completion, and that which the Corporation may be obliged to pay to the person to whom the contract may be awarded at any subsequent letting; the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the preliminary security required, and in the proposals stated, 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 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.

The amount of the security required upon the execution of the contract will be in each case fifty per cent. of the estimated cost of the articles awarded to each contractor; the amount of preliminary security to be given until each award, and in which the sureties shall justify, shall be Seven Hundred and Fifty Dollars.

Should the person 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 bid or proposal, and that the adequacy and sufficiency of the security offered has been approved by the Comptroller, or if he accept but do not execute the contract and give the proper security, he 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.

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, and no estimate will be accepted from, or a contract awarded to, any person not having at the time of making his estimate full, suitable and sufficient facilities for performing the work specified in his estimate.

No estimate will be received or considered unless accompanied by either a certified check upon one of the National or State Banks of the City of New York, drawn to the order of the Comptroller, or money, to the amount of fifty per centum of the amount of the preliminary security required for the faithful performance of the contract. Such check or money must not be inclosed in the sealed envelope containing the estimate, but must be handed to the Supervisor of the City Record, 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 Supervisor 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.

Permission will not be given for the withdrawal of any bid or estimate, and the right is expressly reserved by the undersigned city officers to reject any or all bids which may be deemed prejudicial to the public interests.

A separate contract will be made with the lowest bidder for each and every class of Stationery involving an expenditure of more than five hundred dollars, and the Board of City Record expressly reserves the right to make a contract with the lowest bidder on any class involving the expenditure of a lesser sum.

The Stationery is to be put up in packages according to schedules to be furnished to the contractors by the Supervisor of the City Record, and according to the most approved methods followed in the stationery trade for the preservation of goods. The contractors must complete the delivery of the goods at the office of the City Record within twenty days from the execution of the contracts.

DESCRIPTION OF ARTICLES.

For particulars as to the quantities and kinds of Stationery, reference must be had to the specifications copies of which may be procured from the Supervisor of the City Record, or may be seen in the Department of Public Works, where they are on file with certain samples. When the description of an article is not complete in the specifications, and no sample is on file in the Department of Public Works, the contractor must supply an article in every respect like that in use in the Department making the requisition.

HUGH J. GRANT,
Mayor;
WILLIAM H. CLARK,
Counsel to the Corporation;
THOMAS F. GILROY,
Commissioner of Public Works.
W. J. K. KENNY,
Supervisor of the City Record.

POLICE DEPARTMENT.

POLICE DEPARTMENT—CITY OF NEW YORK,
OFFICE OF THE PROPERTY CLERK (Room No. 9),
NO. 300 MULBERRY STREET,
NEW YORK, 1893.

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 claims: Boots, rope, iron, lead, male and female clothing, boots, shoes, wine, blankets, diamonds, canned goods, liquors, etc., also small amount money taken from prisoners and found by patrolmen of this Department.
JOHN F. HARRIOT
Property Clerk

DEPARTMENT OF PUBLIC WORKS

DEPARTMENT OF PUBLIC WORKS,
COMMISSIONER'S OFFICE,
ROOM 6, NO. 31 CHAMBERS STREET,
NEW YORK, January 4, 1893.

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., on Tuesday, January 12, 1893, at which place and hour they will be publicly opened by the head of the Department.

No. 1. FOR FURNISHING AND DELIVERING ICE IN THE DEPARTMENT OF PUBLIC WORKS AND THE PUBLIC BUILDINGS AND OFFICES IN CARE OF SAID DEPARTMENT FOR THE YEAR ENDING DECEMBER 31, 1893.

No. 2. FOR FURNISHING CAST-IRON WATER PIPES, BRANCH PIPES AND SPECIAL CASTINGS.

No. 3. FOR FURNISHING, DELIVERING AND LAYING WATER MAINS IN SECOND AVENUE, between One Hundred and Third and Fifty-eighth streets.

No. 4. FOR FURNISHING AND DELIVERING TAPPING-COCKS AND TAPPING-COCK BOXES.

No. 5. FOR FURNISHING CAST-IRON WATER PIPES, BRANCH PIPES AND SPECIAL CASTINGS.

No. 6. FOR FURNISHING AND DELIVERING STOP-COCKS, HYDRANTS, WOODEN HYDRANT BOXES AND CAST-IRON STOP-COCK BOXES.

No. 7. FOR FURNISHING THE DEPARTMENT OF PUBLIC WORKS WITH FIVE THOUSAND EIGHT HUNDRED (5,800) GROSS TONS, 2,240 pounds to a ton, of EGG-SIZE WILKESBARRE COAL.

No. 8. FOR SEWER IN NINETY-SIXTH STREET, between Madison and Park avenues.

No. 9. FOR SEWER IN ONE HUNDRED AND FIFTH STREET, between Central Park, West, and Manhattan avenue.

No. 10. FOR SEWER IN ONE HUNDRED AND SEVENTEENTH STREET, between Lenox and Seventh avenues.

No. 11. FOR SEWER IN ONE HUNDRED AND FORTY-SECOND STREET, between Lenox avenue and Harlem river.

No. 12. FOR ALTERATION AND IMPROVEMENT TO SEWER IN ONE HUNDRED AND ELEVENTH STREET, between Harlem river and First avenue.

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

Each estimate must be verified by the oath, in writing, of the party making the same, that the several matters therein stated are true, and must be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, to the effect that if the contract is awarded to the person making the estimate, they will, upon its being so awarded, become bound as his 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 the 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 9, 10 and 15, No. 31 Chambers street.
MAURICE F. HOLAHAN,
Deputy and Acting Commissioner of Public Works.

DEPARTMENT OF PUBLIC WORKS,
COMMISSIONER'S OFFICE,
ROOM 6, NO. 31 CHAMBERS STREET,
NEW YORK, December 27, 1892.

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., on Wednesday, January 13, 1893, at which place and hour they will be publicly opened by the head of the Department.

No. 1. FOR RE-REGULATING AND REGRADING ONE HUNDRED AND THIRTY-THIRD STREET, from Boulevard to Twelfth avenue, AND SETTING CURB-STONES AND FLAGGING SIDEWALKS THEREIN.

No. 2. ESTIMATES FOR FURNISHING ILLUMINATING GAS FOR LIGHTING THE PUBLIC MARKETS, ARMORIES, BUILDINGS AND OFFICES OF THE CITY OF NEW YORK, FOR THE PERIOD FROM JANUARY 1, 1893, TO DECEMBER 31, 1893, BOTH DAYS INCLUSIVE.

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

THE COMMISSIONER OF 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 11, No. 31 Chambers street.

THOS. F. GILROY,
Commissioner of Public Works.

DEPARTMENT OF PUBLIC WORKS,
COMMISSIONER'S OFFICE,
No. 31 CHAMBERS STREET,
NEW YORK, August 14, 1889.

TO OWNERS OF LANDS ORIGINALLY ACQUIRED BY WATER GRANTS.

ATTENTION IS CALLED TO THE RECENT act of the Legislature (chapter 449, Laws of 1889), which provides that whenever any streets or avenues in the city, described in any grant of land under water, from the Mayor, Aldermen and Commonalty containing covenants requiring the grantees and their successors to pave, repave, keep in repair or maintain such streets, shall be in need of repairs, pavement or repavement, the Common Council may, by ordinance, require the same to be paved, repaved or repaired, and the expense thereof to be assessed on the property benefited; and whenever the owner of a lot so assessed shall have paid the assessment levied for such paving, repaving or repairing, such payment shall release and discharge such owner from any and every covenant and obligation as to paving, repaving and repairing, contained in the water grant under which the premises are held, and no further assessment shall be imposed on such lot for paving, repaving or repairing such street or avenue, unless it shall be petitioned for by a majority of the owners of the property (who shall also be the owners of a majority of the property in frontage) on the line of the proposed improvement.

The act further provides that the owner of any such lot may notify the Commissioner of Public Works, in writing, specifying the ward number and street number of the lot that he desires, for himself, his heirs and assigns, to be released from the obligation of such covenants, and elects and agrees that said lot shall be thereafter liable to be assessed as above provided, and thereupon the owner of such lot, his heirs and assigns shall thenceforth be relieved from any obligation to pave, repair, uphold or maintain said street, and the lot in respect of which such notice was given shall be liable to assessment accordingly.

The Commissioner of Public Works desires to give the following explanation of the operation of this act:

When notice, as above described, is given to the Commissioner of Public Works, the owner of the lot or lots therein described, and his heirs and assigns, are forever released from all obligation under the grant in respect to paving, repaving or repairing the street in front of or adjacent to said lot or lots, except one assessment for such paving, repaving or repairs, as the Common Council may, by ordinance, direct to be made thereafter.

No street or avenue within the limits of such grants can be paved, repaved or repaired until said work is authorized by ordinance of the Common Council, and when the owners of such lots desire their streets to be paved, repaved or repaired, they should state their desire and make their application to the Board of Aldermen and not to the Commissioner of Public Works, who has no authority in the matter until directed by ordinance of the Common Council to proceed with the pavement, repavement or repairs.

THOS. F. GILROY,
Commissioner of Public Works

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, in the Stewart Building.

THOMAS S. BRENNAN,
Commissioner of Street Cleaning.

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 4007, No. 1. Flagging and reflagging, curbing and

recurring south side of One Hundred and Fourth street, from Madison to Fifth avenue.

List 4010, No. 2. Fencing vacant lots on the north side of One Hundred and Fifteenth street, between Fifth and Lenox avenues.

List 4020, No. 3. Flagging and reflagging, curbing and recurring north side of One Hundred and Seventy-fifth street, between Kingsbridge road and Eleventh avenue.

List 4021, No. 4. Fencing vacant lots on the north side of Eighty-ninth street, from West End avenue to Riverside Drive.

List 4022, No. 5. Flagging and reflagging, curbing and recurring sidewalks in front of Nos. 86 and 88 Vandam street.

List 4025, No. 6. Flagging and reflagging north side of West Seventy-second street, extending from the easterly curb line of West End avenue easterly about 130 feet.

The limits embraced by such assessments include all the several houses and lots of grounds, vacant lots, pieces and parcels of land situated on—
No. 1. South side of One Hundred and Fourth street, from Madison to Fifth avenue.

No. 2. North side of One Hundred and Fifteenth street, between Fifth and Lenox avenues, on Block 600, Ward Nos. 9 to 17, inclusive.

No. 3. North side of One Hundred and Seventy-fifth street, from Kingsbridge road to Eleventh avenue.

No. 4. North side of Eighty-ninth street, east of Riverside Drive, on Block 1246, Ward Nos. 10 and 21.

No. 5. Nos. 86 and 88 Vandam street, known as Ward Nos. 2274 and 2275.

No. 6. Block 207, Ward No. 1.

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 30th day of January, 1893.

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, December 28, 1892.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION,
No. 66 THIRD AVENUE,
NEW YORK, December 28, 1892.

TO CONTRACTORS.

MATERIALS AND WORK REQUIRED FOR REPAIRS TO ENGINE BOILERS, HULL, ETC., STEAMER "MINNAHANONCK."

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 Tuesday, January 10, 1893, until 10 o'clock A. M. The person or persons making any bid or estimate shall furnish the same in a sealed envelope, indorsed "Bid or Estimate for Repairs to steamer 'Minna Hanonck,'" 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 TWO THOUSAND (\$2,000) 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 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 supplies 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, 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 received or considered unless accompanied by either a certified check upon one of the State or National banks of the City of New York, drawn to the order of the Comptroller, or money, to the amount of five per centum of the amount of the security required for the faithful performance of the contract. Such check or money must NOT be inclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and retained by the City of New York, as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

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

Bidders will 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.

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

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

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

TO CONTRACTORS. PROPOSALS FOR FRESH FISH, ETC., FOR 1893.

SEALED BIDS OR ESTIMATES FOR FURNISHING, during the year ending December 31, 1893, FRESH FISH, ETC.

—will be received at the office of the Department of Public Charities and Correction, No. 66 Third Avenue, in the City of New York, until 10 o'clock A. M. of Saturday, January 7, 1893. The person or persons making any bid or estimate shall furnish the same in a sealed envelope, indorsed "Bid or Estimate for Fresh Fish, etc., for the year ending December 31, 1893," 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.

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 furnish testimonials that he is engaged in the business of selling fish in the City of New York, and has the plant necessary to carry out promptly and regularly the contract, if it be awarded, to the entire satisfaction of the Commissioners of Public Charities and Correction. 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 TEN THOUSAND (\$10,000) DOLLARS.

See General Conditions of Bidding Below.

Dated New York, December 27, 1892.

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

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

TO CONTRACTORS. PROPOSALS FOR POULTRY FOR THE YEAR 1893.

SEALED BIDS OR ESTIMATES FOR FURNISHING Poultry for the year ending December 31, 1893, will be received at the office of the Department of Public Charities and Correction, No. 66 Third Avenue, in the City of New York, until 10 A. M., Saturday, January 7, 1893. The person or persons making any bid or estimate shall furnish the same in a sealed envelope indorsed "Bid or Estimate for Poultry for the year 1893," 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.

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, each in the penal amount of FIVE THOUSAND (\$5,000) DOLLARS.

See General Conditions of Bidding Below.

GENERAL CONDITIONS OF BIDDING.

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 Fresh Fish, Poultry, etc., 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, with the intention to execute the bond required by section 12 of chapter 7 of the Revised Ordinances of the City of New York, if the contract shall be awarded to the person or persons for whom he consents to become surety. The adequacy and sufficiency of the security offered to be approved by the Comptroller of the City of New York.

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

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

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

Bidders will 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.

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

Dated New York, December 27, 1892.
HENRY H. PORTER, President,
CHARLES E. SIMMONS, M. D., Commissioner,
EDWARD C. SHEEHY, Commissioner,
Public Charities and Correction.

SUPREME COURT.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to ONE HUNDRED AND EIGHTY-SEVENTH STREET (although not yet named by proper authority), from Tenth avenue to Kingsbridge road, in the Twelfth Ward of the City of New York.

NOTICE IS HEREBY GIVEN THAT THE bill of costs, charges and expenses incurred by reason of the proceedings in the above-entitled matter, will be presented for taxation to one of the Justices of the Supreme Court, at the Chambers thereof, in the County Court-house, in the City of New York, on the 17th day of January, 1893, at 10.30 o'clock in the forenoon of that day, or as soon thereafter as counsel can be heard thereon; and that the said bill of costs, charges and expenses has been deposited in the office of the Department of Public Works, there to remain for and during the space of ten days.

Dated New York, January 6, 1893.
MICHAEL J. MULQUEEN,
HERMANN BOLTE,
DAVID K. SCHUSTER,
Commissioners.

MATTHEW P. RYAN, Clerk.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to ONE HUNDRED AND ELEVENTH STREET, from Amsterdam avenue to Riverside avenue, in the Twelfth Ward of the City of New York.

NOTICE IS HEREBY GIVEN THAT WE, THE undersigned, were appointed by an order of the Supreme Court, bearing date the 28th day of January, 1892, Commissioners of Estimate and Assessment for the purpose of making a just and equitable estimate and assessment of the loss, if any, over and above the benefit and advantage, or of the benefit and advantage, if any, over and above the loss and damage, as the case may be, to the respective owners, lessees, parties and persons, respectively entitled unto or interested in the lands, tenements, hereditaments and premises required for the purpose by and in consequence of opening a certain street herein designated as One Hundred and Eleventh street, as shown and delineated on a certain map of the City of New York, made by the Commissioners of Streets and Roads of the City of New York, filed in the office of the Street Commissioner of the City of New York April 1, 1891, and as shown and delineated on a certain map made by the Board of Commissioners of the Central Park, and filed in the office of the Street Commissioner of the City of New York on March 7, 1888, and more particularly set forth in the aforesaid order of appointment and the petition of the Board of Street Opening and Improvement filed therewith in the office of the Clerk of the City and County of New York; and a just and equitable estimate and assessment of the value of the benefit and advantage of said street, so to be opened or laid out and formed, to the respective owners, lessees, parties and persons, respectively entitled to or interested in the said respective lands, tenements, hereditaments and premises not required for the purpose of opening, laying out and forming the same, but benefited thereby, and of ascertaining and defining the extent and boundaries of the respective tracts or parcels of land to be taken or to be assessed therefor, and of performing the trusts and duties required of us by chapter 16, title 5, of the act entitled "An Act to consolidate into one act and to declare the special and local laws affecting public interests in the City of New York," passed July 1, 1882, and the acts or parts of acts in addition thereto or amendatory thereof.

All parties or persons interested in the real estate taken or to be taken for the purpose of opening the said street, or affected thereby, and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to the undersigned Commissioners of Estimate and Assessment, at our office, No. 51 Chambers street, in the City of New York, Room No. 3, with such affidavits or other proofs as the said owners or claimants may desire, within thirty days after the date of this notice (January 5, 1893).

And we, the said Commissioners, will be in attendance at our said office on the 10th day of February, 1893, at 3 o'clock in the afternoon of that day, to hear the said parties and persons in relation thereto. And at such time and place, and at such further or other time and place as we may appoint, we will hear such owners in relation thereto and examine the proofs of such claimants or claimants, or such additional proofs and allegations as may then be offered by such owner or on behalf of the Mayor, Aldermen and Commonalty of the City of New York.

Dated New York, January 5, 1893.
CLIFFORD W. HARTRIDGE,
PETER MCINTYRE,
APPLETON L. CLARK,
Commissioners.

JOHN P. DUNN, Clerk.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York for and on behalf of the Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to ONE HUNDRED AND THIRTY-NINTH STREET, between Amsterdam avenue and Convent avenue, in the Twelfth Ward of the City of New York.

NOTICE IS HEREBY GIVEN THAT THE undersigned were appointed by an order of the Supreme Court, bearing date the 17th day of June, 1892, Commissioners of Estimate and Assessment, for the purpose of making a just and equitable estimate and assessment of the loss, if any, over and above the benefit and advantage, or of the benefit and advantage, if any, over and above the loss and damage, as the case may be, to the respective owners, lessees, parties and persons respectively entitled unto or interested in the lands, tenements, hereditaments and premises required for the purpose by and in consequence of opening a certain street herein designated as One Hundred and Thirty-ninth street, as shown and delineated on a certain map of the City of New York, made by the Commissioner of Streets and Roads of the City of New York, and filed in the office of the Street Commissioner of the City of New York, April 1, 1891, and as shown and delineated on a certain map made by the Board of Commissioners of the Central Park and filed in the office of the Street Commissioner of the City of New York, on March 7, 1892, and more particularly set forth in the aforesaid order of appointment and the petition of the Board of Street Opening and Improvement filed therewith in the office of the Clerk of the City and County of New York; and a just and equitable estimate and assessment of the value of the benefit and advantage of said street, so to be opened or laid out and formed, to the respective owners, lessees, parties and persons respectively entitled unto or interested in the said respective lands, tenements, hereditaments and premises not required for the purpose of opening, laying out and forming the same, but benefited thereby, and of ascertaining and defining the extent and boundaries of the respective tracts or parcels of land to be taken or to be assessed therefor, and of performing the trusts and duties required of us by chapter 16, title 5, of the act, entitled "An Act to consolidate into one act and to declare the special and local laws affecting public interests in the City of New York," passed July 1, 1882, and the acts or parts of acts in addition thereto or amendatory thereof.

All parties and persons interested in the real estate taken or to be taken for the purpose of opening the said street, or affected thereby, and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to the undersigned Commissioners of Estimate and Assessment, at their office, No. 51 Chambers street, in the City of New York, Room No. 3, with such affidavits or other proofs as the said owners or claimants may desire, within thirty days after the date of this notice (January 4, 1893).

And we, the said Commissioners, will be in attendance at our said office on the 9th day of February, 1893, at 2 o'clock in the afternoon of that day, to hear the said parties and persons in relation thereto. And at such time and place, and at such further or other time and place as we may appoint, we will hear such owners in relation thereto and examine the proofs of such claimants or claimants, or such additional proofs and allegations as may then be offered by such owner, or on behalf of the Mayor, Aldermen and Commonalty of the City of New York.

Dated New York, January 4, 1893.
SAMUEL E. DUFFY, Chairman,
CHAS. S. HAYES,
WM. H. KLINGER, Commissioners.
MATTHEW P. RYAN, Clerk.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonalty of the City of New York, to acquire title to certain lands required for a public park, or near CORLEARS HOOK, in the Seventh Ward of the City of New York.

NOTICE TO ALL PERSONS INTERESTED IN THIS PROCEEDING OR IN ANY OF THE LANDS AFFECTED THEREBY.

WE, THE UNDERSIGNED COMMISSIONERS of Estimate and Assessment in the above-entitled matter, hereby give notice to all persons interested in this proceeding, and to the owner or owners, occupant or occupants, of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That we have completed our estimate and that all persons interested in this proceeding, or in any of the lands affected thereby, and having objections thereto, do present their said objections in writing, duly verified, to us at our office, No. 200 Broadway, (fifth floor), in the said city, on or before the 15th day of February, 1893, and that we, the said Commissioners, will hear parties so objecting within the ten week-days next after the said 15th day of February, 1893, and for that purpose will be in attendance at our said office on each of said ten days at three o'clock P. M.

Second—That the abstract of our said estimate, together with our damage maps, showing the land to which title is sought to be acquired, with the improvements thereon, and also all the affidavits, estimates and other documents used by us in making our report, have been deposited with the Commissioner of Public Works of the City of New York, at his office, No. 31 Chambers street, in the said city, there to remain until the 16th day of February, 1893.

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 the Chambers thereof, in the County Court-house, in the City of New York, on the 8th day of March, 1893, 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, December 30, 1892.
MEYER THALMESSINGER, Chairman,
HENRY CAMPBELL,
DAVID MCCLURE, Commissioners.
CARROLL BERRY, 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 THIRTY-FIFTH STREET, between Eighth and Ninth avenues, in the Twentieth 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, as amended by chapter 35 of the Laws of 1890.

WE, THE UNDERSIGNED COMMISSIONERS of Estimate and Assessment in the above-entitled matter, hereby give notice to all persons interested in this proceeding, and to the owner or owners, occupant or occupants, of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That we have completed our estimate 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 ten days after

the first publication of this notice, file their objections to such estimate, in writing, with us at our office, Room No. 213, on the third floor of the Stewart Building, No. 280 Broadway, in this city, as provided by section 4 of chapter 191 of the Laws of 1888, as amended by chapter 35 of the Laws of 1890; and that we, the said Commissioners, will hear parties so objecting at our said office on the 4th day of January, 1893, at eleven o'clock in the forenoon, 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 the chambers in the County Court-house, in the City of New York, on the 9th day of January, 1893, 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, December 20, 1892.
JOHN H. ROGAN,
JOHN H. JUDGE,
NATHAN FERNBACHER, Commissioners.
T. MITCHELL TYNG, Clerk.

SECOND JUDICIAL DISTRICT.

In the matter of the application of Thomas F. Gilroy, as Commissioner of Public Works of the City of New York, under and in pursuance of chapter 490 of the Laws of 1883, for the appointment of Commissioners of Appraisal of lands in North Salem, Westchester County.

PUBLIC NOTICE IS HEREBY GIVEN THAT the First Separate Report of the Commissioners of Appraisal, appointed herein on the 18th day of January, 1890, which report was filed in Westchester County Clerk's office on November 25, 1892, will be presented for confirmation to the Supreme Court at a Special Term thereof, to be held in the Second Judicial District at the Court-house in Poughkeepsie, Dutchess County, on January 14, 1893, at 10.30 o'clock in the forenoon.

Dated New York, December 14, 1892.
WILLIAM H. CLARK,
Counsel to the Corporation,
No. 2 Tryon Row, New York City.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to ONE HUNDRED AND FORTY-SECOND STREET, from Convent avenue to Amsterdam avenue, in the Twelfth Ward of the City of New York.

NOTICE IS HEREBY GIVEN THAT WE, THE undersigned, were appointed by an order of the Supreme Court, bearing date the 23rd day of January, 1892, Commissioners of Estimate and Assessment for the purpose of making a just and equitable estimate and assessment of the loss, if any, over and above the benefit and advantage, or of the benefit and advantage, if any, over and above the loss and damage, as the case may be, to the respective owners, lessees, parties and persons, respectively, entitled unto or interested in the lands, tenements, hereditaments and premises required for the purpose, by and in consequence of opening a certain street herein designated as One Hundred and Forty-second street, as shown and delineated on a certain map of the City of New York made by the Commissioners of Streets and Roads of the City of New York, filed in the office of the Street Commissioner of the City of New York, April 1, 1891, and as shown and delineated on a certain map made by the Board of Commissioners of the Central Park, and filed in the office of the Street Commissioner of the City of New York, on March 7, 1892, and more particularly set forth in the aforesaid order of appointment and the petition of the Board of Street Opening and Improvement, filed therewith in the office of the Clerk of the City and County of New York; and a just and equitable estimate and assessment of the value of the benefit and advantage of said street, so to be opened or laid out and formed, to the respective owners, lessees, parties and persons, respectively, entitled unto or interested in the said respective lands, tenements, hereditaments and premises not required for the purpose of opening, laying out and forming the same, but benefited thereby, and of ascertaining and defining the extent and boundaries of the respective tracts or parcels of land to be taken or to be assessed therefor, and of performing the trusts and duties required of us by chapter 16, title 5, of the act entitled "An Act to consolidate into one act and to declare the special and local laws affecting public interests in the City of New York," passed July 1, 1882, and the acts or parts of acts in addition thereto or amendatory thereof.

All parties and persons interested in the real estate taken or to be taken for the purpose of opening the said street, or affected thereby and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to the undersigned Commissioners of Estimate and Assessment, at our office, No. 51 Chambers street, in the City of New York (Room No. 3), with such affidavits or other proofs as the said owners or claimants may desire, within thirty days after the date of this notice (December 15, 1892).

And we, the said Commissioners, will be in attendance at our said office on Monday, the twenty-third day of January, 1893, at one o'clock in the afternoon of that day, to hear the said parties and persons in relation thereto. And at such time and place, and at such further or other time and place as we may appoint, we will hear such owners in relation thereto and examine the proofs of such claimants or claimants, or such additional proofs and allegations as may then be offered by such owner, or on behalf of the Mayor, Aldermen and Commonalty of the City of New York.

Dated New York, December 15, 1892.
LEWIS H. ARNOLD, Jr.,
WILLIAM B. ANDERSON,
WILLIAM A. WOODHULL, Commissioners.
JOHN P. DUNN, Clerk.

In the matter of the application of Thomas F. Gilroy, as Commissioner of Public Works of the City of New York, for and on behalf of the Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring certain pieces or parcels of land, and the title thereto, wherever the same have not been heretofore acquired for the use of the public, for the purposes of sewerage and drainage, pursuant to section 327 of chapter 410 of the Laws of 1882, as amended by chapter 423 of the Laws of 1888, and chapter 31 of the Laws of 1892, between the easterly termination of One Hundred and Sixty-seventh street and the Harlem river, in the Twelfth Ward of the City of New York.

WE, THE UNDERSIGNED COMMISSIONERS of Estimate and Assessment in the above-entitled matter, hereby give notice to all persons interested in this proceeding, and to the owner or owners, occupant or occupants, of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That we have completed our estimate and assessment, and that all persons interested in this proceeding, or in any of the lands affected thereby, and having objections thereto, do present their said objections in writing, duly verified, to us at our office, No. 51 Chambers street (Room 4), in said city, on or before the 16th day of January, 1893, and that we, the said Commissioners, will hear parties so objecting within the ten week days next after the said 16th day of January, 1893, and for that purpose will be in attendance at our said office on each of said ten days at 1 o'clock P. M.

Second—That the abstract of our said estimate and assessment, together with our damage and benefit maps, and also all the affidavits, estimates and other documents used by us in making our report, have been deposited with the Commissioner of Public Works of the City of New York, at his office, No. 31 Chambers street, in the said city, there to remain until the 14th day of January, 1893.

Third—That the limits of our assessment for benefit include all those lots, pieces or parcels of land, situate, lying and being in the City of New York, which taken together are bounded and described as follows, viz: Northerly by an irregular broken line beginning at the intersection of the easterly line of Kingsbridge road with the southerly line of One Hundred and Seventy-third street, and running thence generally in an easterly direction to the high-water line of the Harlem river; easterly by the high-water line of the Harlem river; southerly by an irregular broken line, beginning at a point in the high-water line of the Harlem river, where the centre line of One Hundred and Sixty-second street, if prolonged, would intersect said high-water line; running thence westerly to a point 100 feet westerly of the westerly line of Amsterdam avenue and about 75 feet southerly from the southerly line of One Hundred and Sixty-second street, and westerly by an irregular broken line, beginning at said last-mentioned point and running thence generally in a northerly direction to the point or place of beginning, excepting from said area all the streets, avenues and roads, or portions thereof, heretofore legally opened, and all the unimproved land included within the lines of streets, avenues, roads, public squares and places shown and laid out upon any map or maps filed by the Commissioners of the Department of Public Parks, pursuant to the provisions of chapter 604 of the Laws of 1874, and the laws amendatory thereof, or of chapter 410 of the Laws of 1882, as such area is shown upon our benefit map deposited as aforesaid.

Fourth—That our report herein will be presented to the Supreme Court of the State of New York, at a Special Term thereof, to be held at the Chambers thereof, in the County Court-house, in the City of New York, on the 2d day of February, 1893, 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, December 7, 1892.
EZEKIEL R. THOMPSON, Jr.,
JACOB BLUMENTHAL,
JOSEPH I. MCKEON, Commissioners.
MATTHEW P. RYAN, Clerk.

assessment, together with our damage and benefit maps, and also all the affidavits, estimates and other documents used by us in making our report, have been deposited with the Commissioner of Public Works of the City of New York, at his office, No. 31 Chambers street, in the said city, there to remain until the 23d day of January, 1893.

Third—That the limits of our assessment for benefit include all those lots, pieces or parcels of land, situate, lying and being in the City of New York, which taken together are bounded and described as follows, viz: Northerly by an irregular broken line beginning at the intersection of the easterly line of Kingsbridge road with the southerly line of One Hundred and Seventy-third street, and running thence generally in an easterly direction to the high-water line of the Harlem river; easterly by the high-water line of the Harlem river; southerly by an irregular broken line, beginning at a point in the high-water line of the Harlem river, where the centre line of One Hundred and Sixty-second street, if prolonged, would intersect said high-water line; running thence westerly to a point 100 feet westerly of the westerly line of Amsterdam avenue and about 75 feet southerly from the southerly line of One Hundred and Sixty-second street, and westerly by an irregular broken line, beginning at said last-mentioned point and running thence generally in a northerly direction to the point or place of beginning, excepting from said area all the streets, avenues and roads, or portions thereof, heretofore legally opened, and all the unimproved land included within the lines of streets, avenues, roads, public squares and places shown and laid out upon any map or maps filed by the Commissioners of the Department of Public Parks, pursuant to the provisions of chapter 604 of the Laws of 1874, and the laws amendatory thereof, or of chapter 410 of the Laws of 1882, as such area is shown upon our benefit map deposited as aforesaid.

Fourth—That our report herein will be presented to the Supreme Court of the State of New York, at a Special Term thereof, to be held at the Chambers thereof, in the County Court-house, in the City of New York, on the 7th day of February, 1893, 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, December 12, 1892.
ANDREW S. HAMERSLEY, Jr.,
OLIVER B. STOUT,
HENRY HUGHES, Commissioners.
JOHN P. DUNN, Clerk.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring title (wherever the same has not been heretofore acquired), to ONE HUNDRED AND NINETEETH STREET (although not yet named by proper authority), between Audubon avenue and Eleventh avenue, in the Twelfth Ward of the City of New York.

WE, THE UNDERSIGNED COMMISSIONERS of Estimate and Assessment in the above-entitled matter, hereby give notice to all persons interested in this proceeding, and to the owner or owners, occupant or occupants, of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That we have completed our estimate and assessment, and that all persons interested in this proceeding, or in any of the lands affected thereby, and having objections thereto, do present their said objections in writing, duly verified, to us at our office, No. 51 Chambers street (Room 4), in said city, on or before the 16th day of January, 1893, and that we, the said Commissioners, will hear parties so objecting within ten week days next after the said 16th day of January, 1893, and for that purpose will be in attendance at our said office on each of said ten days at 11 o'clock A. M.

Second—That the abstract of our said estimate and assessment, together with our damage and benefit maps, and also all the affidavits, estimates and other documents used by us in making our report, have been deposited with the Commissioner of Public Works of the City of New York, at his office, No. 31 Chambers street, in the said city, there to remain until the 18th day of January, 1893.

Third—That the limits of our assessment for benefit include all those lots, pieces or parcels of land, situate, lying and being in the City of New York, which taken together are bounded and described as follows, viz: Northerly by a line parallel with and distant 100 feet northerly from the northerly line of One Hundred and Ninetieth street; easterly by the westerly line of Audubon avenue; southerly by the centre line of the block between One Hundred and Eighty-ninth street and One Hundred and Ninetieth street, and westerly by the easterly line of Eleventh avenue, excepting from said area all the streets, avenues and roads or portions thereof heretofore legally opened, and all the unimproved land included within the lines of streets, avenues, roads, public squares and places shown and laid out upon any map or maps filed by the Commissioners of the Department of Public Parks, pursuant to the provisions of chapter 604 of the Laws of 1874, and the laws amendatory thereof, or of chapter 410 of the Laws of 1882, as such area is shown upon our benefit map deposited as aforesaid.

Fourth—That our report herein will be presented to the Supreme Court of the State of New York, at a Special Term thereof, to be held at the Chambers thereof, in the County Court-house, in the City of New York, on the 2d day of February, 1893, 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, December 7, 1892.
EZEKIEL R. THOMPSON, Jr.,
JACOB BLUMENTHAL,
JOSEPH I. MCKEON, Commissioners.
MATTHEW P. RYAN, Clerk.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to BOSTON AVENUE (although not yet named by proper authority), extending from Sedgwick avenue to Bailey avenue, in the Twenty-fourth Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road by the Department of Public Parks.

WE, THE UNDERSIGNED COMMISSIONERS of Estimate and Assessment in the above-entitled matter, hereby give notice to all persons interested in this proceeding, and to the owner or owners, occupant or occupants, of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That we have completed our estimate and assessment, and that all persons interested in this proceeding, or in any of the lands affected thereby, and having objections thereto, do present their said objections in writing, duly verified, to us at our office, No. 51 Chambers street, Room 4, in said city, on or before the 16th day of January, 1893, and that we, the said Commissioners, will hear parties so objecting within ten week days next after the said 16th day of January, 1893, and for that purpose will be in attendance at our said office on each of said ten days, at 2 o'clock P. M.

Second—That the abstract of our said estimate and assessment, together with our damage and benefit maps, and also all the affidavits, estimates and other documents used by us in making our report, have been deposited with the Commissioner of Public Works of the City of New York, at his office, No. 31 Chambers street, in the said city, there to remain until the 14th day of January, 1893.

Third—That the limits of our assessment for benefit include all those lots, pieces or parcels of land, situate, lying and being in the City of New York, which taken together are bounded and described as follows, viz: Northerly by the division line between the land now or late of John Ewen and the land now or late of Sisters of Charity, which said line is distant about 860 feet northerly of the northerly line of Morrison street; easterly by the westerly line of the "Spuytens Duyn" Parkway and its prolongation for a distance of about 100 feet southerly of the southerly line of Kappock street; southerly by a line parallel with and distant 100 feet southerly from the southerly line of Kappock street; and westerly by a line parallel with and distant 250 feet westerly from the westerly line of Independence avenue and the prolongations of said line for a distance of about 140 feet southerly of the southerly line of Kappock street and for a distance of about 840 feet northerly of the northerly line of Morrison street; excepting from said area all the streets, avenues and roads, or portions thereof, heretofore legally opened, and all the unimproved land included within the lines of streets, avenues, roads, public squares and places shown and laid out upon any map or maps filed by the Commissioners of the Department of Public Parks, pursuant to the provisions of chapter 604 of the Laws of 1874, and the laws amendatory thereof, or of chapter 410 of the Laws of 1882, as such area is shown upon our benefit map deposited as aforesaid.

Fourth—That our report herein will be presented to the Supreme Court of the State of New York, at a Special Term thereof, to be held at the Chambers thereof, in the County Court-house, in the City of New York, on the 25th day of January, 1893, 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, November 30, 1892.
GEORGE F. WEBSTER, Chairman,
JAMES F. HORAN,
WILLIAM H. MARSTON, Commissioners.
MATTHEW P. RYAN, Clerk.

Third—That the limits of our assessment for benefit include all those lots, pieces or parcels of land, situate, lying and being in the City of New York, which taken together are bounded and described as follows, viz:

Northerly by the prolongation easterly of the southerly line of Macomb street, from Bailey avenue to the centre line of the block between Boston avenue and Heath avenue, and the centre line of the block between Boston avenue and Heath avenue; easterly by the centre line of the blocks between Sedgwick avenue and Boston avenue; southerly by the centre line of the blocks between Boston avenue and a certain unnamed street or avenue extending from Bailey avenue to Nathalie avenue and the prolongation of said centre line from Nathalie avenue to the centre line of the blocks between Sedgwick avenue and Boston avenue; and westerly by the easterly line of Bailey avenue and the centre line of the block between Boston avenue and Heath avenue, excepting from said area all the streets, avenues and roads, or portions thereof, heretofore legally opened, and all the unimproved land included within the lines of streets, avenues, roads, public squares and places shown and laid out upon any map or maps filed by the Commissioners of the Department of Public Parks, pursuant to the provisions of chapter 604 of the Laws of 1874, and the laws amendatory thereof, or of chapter 410 of the Laws of 1882, as such area is shown upon our benefit map deposited as aforesaid.

Fourth—That our report herein will be presented to the Supreme Court of the State of New York, at a Special Term thereof, to be held at the Chambers thereof, in the County Court-house, in the City of New York, on the 27th day of January, 1893, 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, December 2, 1892.
SAMUEL W. MILBANK, Chairman,
JOHN CONNELLY, Commissioners.
MATTHEW P. RYAN, Clerk.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to ONE HUNDRED AND SIXTY-SIXTH STREET (although not yet named by proper authority), between Tenth avenue and Edgecombe avenue, in the Twelfth Ward of the City of New York.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, the Mayor, Aldermen and Commonalty of the City of New York hereby give notice that the Counsel to the Corporation will apply to the Supreme Court, at a Special Term thereof, to be held at Chambers of said Court, in the County Court-house in the City of New York, on the ninth day of January, 1893, at 10.30 o'clock in the forenoon of that day, or as soon thereafter as counsel can be heard thereon, for the appointment of a Commissioner of Estimate and Assessment in the above entitled proceeding in the place and stead of Edward Purcell, now deceased.

Dated New York, December 12, 1892.
WILLIAM H. CLARK,
Counsel to the Corporation,
No. 2 Tryon Row, New York City.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring title (wherever the same has not been heretofore acquired), to INDEPENDENCE AVENUE (although not yet named by proper authority), extending from Spuyten Duyn Parkway to Morrison street, in the Twenty-fourth Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road by the Department of Public Parks.

WE, THE UNDERSIGNED COMMISSIONERS of Estimate and Assessment in the above-entitled matter, hereby give notice to all persons interested in this proceeding, and to the owner or owners, occupant or occupants, of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That we have completed our estimate and assessment, and that all persons interested in this proceeding, or in any of the lands affected thereby, and having objections thereto, do present their said objections in writing, duly verified, to us at our office, No. 51 Chambers street (Room 4), in said city, on or before the 17th day of January, 1893, and that we, the said Commissioners, will hear parties so objecting within ten week days next after the said 17th day of January, 1893, and for that purpose will be in attendance at our said office on each of said ten days at 3 o'clock P. M.

Second—That the abstract of our said estimate and assessment, together with our damage and benefit maps, and also all the affidavits, estimates and other documents used by us in making our report, have been deposited with the Commissioner of Public Works of the City of New York, at his office, No. 31 Chambers street, in the said city, there to remain until the 10th day of January, 1893.

Third—That the limits of our assessment for benefit include all those lots, pieces or parcels of land, situate, lying and being in the City of New York, which taken together are bounded and described as follows, viz: Northerly by the division line between the land now or late of John Ewen and the land now or late of Sisters of Charity, which said line is distant about 860 feet northerly of the northerly line of Morrison street; easterly by the westerly line of the "Spuytens Duyn" Parkway and its prolongation for a distance of about 100 feet southerly of the southerly line of Kappock street; southerly by a line parallel with and distant 100 feet southerly from the southerly line of Kappock street; and westerly by a line parallel with and distant 250 feet westerly from the westerly line of Independence avenue and the prolongations of said line for a distance of about 140 feet southerly of the southerly line of Kappock street and for a distance of about 840 feet northerly of the northerly line of Morrison street; excepting from said area all the streets, avenues and roads, or portions thereof, heretofore legally opened, and all the unimproved land included within the lines of streets, avenues, roads, public squares and places shown and laid out upon any map or maps filed by the Commissioners of the Department of Public Parks, pursuant to the provisions of chapter 604 of the Laws of 1874, and the laws amendatory thereof, or of chapter 410 of the Laws of 1882, as such area is shown upon our benefit map deposited as aforesaid.

Fourth—That our report herein will be presented to the Supreme Court of the State of New York, at a Special Term thereof, to be held at the Chambers thereof, in the County Court-house, in the City of New York, on the 25th day of January, 1893, 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, November 30, 1892.
GEORGE F. WEBSTER, Chairman,
JAMES F. HORAN,
WILLIAM H. MARSTON, Commissioners.
MATTHEW P. RYAN, Clerk.

THE CITY RECORD.

THE CITY RECORD IS PUBLISHED DAILY, Sundays and legal holidays other than the general election day excepted, at No. 2 City Hall, New York City. Annual subscription \$9.30.

W. J. K. KENNY,
Supervisor.