

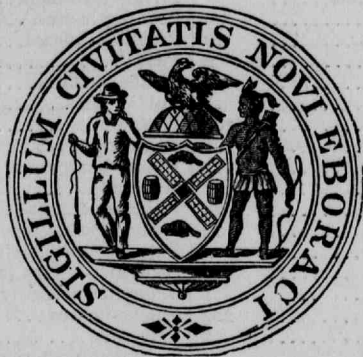
THE CITY RECORD.

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HEALTH DEPARTMENT.

Report for the Quarter ending September 30, 1893.

HEALTH DEPARTMENT, NO. 301 MOTT STREET,
NEW YORK, October 30, 1893.

Hon. THOMAS F. GILROY, Mayor of the City of New York:

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, 1893.

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 188,555, classified as follows:

By the Sanitary Inspectors.....	12,373
By the Sanitary Police Inspectors.....	58,705
By the Division of Contagious Diseases.....	11,697
By the Milk Inspectors.....	21,952
By the Fruit and Food Inspectors.....	56,982
By the Meat and Fish Inspectors.....	15,563
By the Offensive Trades Inspectors.....	8,480
By the Division of Pathology, Bacteriology and Disinfection.....	2,803
Total.....	188,555

The number of complaints returned was 6,574, classified as follows:

By the Sanitary Inspectors.....	3,531
By the Sanitary Police Inspectors.....	2,706
By the Milk Inspectors.....	10
By the Fruit and Food Inspectors.....	261
By the Meat and Fish Inspectors.....	1
By the Offensive Trades Inspectors.....	65
Total.....	6,574

The number of complaints received from citizens was 16,138, 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 715 permits to discharge cargoes, under proper vouchers from the Health Officer of the Port; 293 permits to scavengers to empty privies; 20 permits to land rags (in bulk), under bonds, and 55 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.....	12,373
“ complaints made.....	3,531

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.....	4,574
Lodging-houses.....	27
Private dwellings.....	590
Other dwellings.....	383
Public buildings.....	26
Other buildings.....	158
Manufactories and workshops.....	148
Stores and warehouses.....	79
Stables.....	337
Offensive trades buildings.....	3
Sunken and vacant lots.....	102
Public highways.....	43
Receiving-basins and public sewers.....	43
Dumps and dumping grounds.....	4
Docks and piers.....	2
Canals.....	2
Slaughter-houses.....	65
Fire hydrants.....	1
Water courses.....	1
Total.....	6,588
Total reinspections.....	5,785

Total inspections and reinspections made..... 12,373

Number of privy vaults ordered abolished.....	71
“ cellars ordered to be made water-tight.....	90

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.....	2,057	267	2,324	Manure vaults.....	33	..	33
Drainage.....	1,185	218	1,403	Public highways.....	25	6	31
Ventilation.....	203	49	252	Repairs.....	984	81	1,065
Light.....	3	1	4	Cellars and basements.....	613	142	755
Overcrowding.....	1	1	2	Privies and water-closets.....	1,331	233	1,564
Dangerous structures.....	89	3	92	Offensive trades.....	2	1	3
Cesspools.....	106	12	118	Ash receptacles.....	6	..	6
Chimneys.....	26	22	48	Steam.....	1	..	1
Croton water.....	164	34	198	No housekeeper.....	1	..	1
Cows, etc.....	6	..	6	Docks and piers.....	..	1	1
Fowls.....	18	6	24	Dumping grounds.....	1	1	2
Filth.....	1,799	154	1,953	Croton-water mains.....	3	..	3
Sunken and vacant lots.....	64	11	75	Wells.....	5	..	5
Streets, gutters and sidewalks.....	15	3	18	Noise.....	..	1	1
Sewers and receiving-basins.....	42	9	51	Fire hydrants.....	1	..	1
Stables.....	209	44	253	Total.....	8,993	1,300	10,293

Number of inspections and reinspections..... 12,373

Number of inspections on—

Complaints and reports forwarded for Board's orders.....	3,387
Complaints and reports forwarded to Sanitary Superintendent.....	144
Complaints and negative reports.....	1,516
Miscellaneous.....	1,541
Total.....	6,588

Number of reinspections on—

Orders forwarded.....	4,263
Miscellaneous.....	1,522
Total.....	5,785

Number of visits to Court and Central Office..... 452

The following is a summary of the work performed by the corps having charge of foods and chemicals:

Number of inspections and reinspections made.....	102,977
“ complaints made.....	337
“ analyses made.....	430
“ citizens' complaints received.....	431
“ citizens' complaints held over since last report.....	45
“ complaints made and returned to Sanitary Superintendent.....	337
“ original complaints by inspectors.....	278
“ citizens' complaints returned for orders.....	59
“ citizens' complaints returned as negatives.....	404
“ citizens' complaints under observation.....	13
“ days at Court and Central Office.....	659
“ arrests made.....	95
Number held on bail.....	93
Number of trials at Special and General Sessions.....	78

Amount of fines collected at Court..... \$1,890 00

Number of pounds of milk, fruit and foods, meat and fish, etc., condemned and seized.... 1,225,449

Milk Inspections.

Number of inspections made.....	21,952
“ specimens examined.....	27,168
“ citizens' complaints received.....	16
“ original complaints by inspectors.....	9
“ citizens' complaints returned as negatives.....	14
“ citizens' complaints returned for orders.....	1
“ citizens' complaints under observation.....	3
“ days at Court and Central Office.....	143
“ nights of special work.....	18
“ special day inspections.....	58
“ early morning inspections.....	1
“ days in country or at laboratory.....	122
“ quarts of adulterated milk destroyed (900 pounds).....	450
“ arrests made.....	75
Number held on bail.....	73
Number of trials at Special and General Sessions.....	70

Amount of fines collected at Court..... \$1,780 00

Fruit and Food Inspections.

Number of inspections made.....	56,982
“ citizens' complaints received.....	83
“ citizens' complaints returned for orders.....	3
“ citizens' complaints returned as negatives.....	85
“ original complaints by inspectors.....	258
“ days at Court and Central Office.....	220
“ nights of special work.....	18
“ arrests made.....	19
Number held on bail.....	19
Number of trials at Special and General Sessions.....	8

Amount of fines collected at Court..... \$110 00

Number of inspections of auction houses.....	353
“ stores.....	14,950
“ licensed vendors.....	20,097
“ vessels.....	214
“ railroad depots.....	388
“ stands.....	20,068
“ markets.....	564
“ ice-houses.....	348
Total.....	56,982

Condemned and Seized.

	Pounds.
Assorted fruits	66,785
Apples	22,535
Apricots	4,250
Beans	2,950
Bananas	313,342
Blackberries	750
Beets	2,865
Currants	850
Cranberries	2,300
Celery	150
Cauliflower	5,100
Canned goods	350
Cheese	18,440
Chestnuts	1,000
Cabbage	7,700
Citrons	200
Cocoanuts	13,000
Cherries	3,440
Cucumbers	11,525
Egg plants	1,325
Figs	225
Grapes	13,300
Green corn	350
Huckleberries	950
Lemons	71,250
Limes	325
Melons (water)	72,505
" (musk)	62,875
Nuts	200
Oranges	19,655
Onions	10,300
Pears	46,080
Peppers	150
Peaches	83,930
Pickles	300
Pineapples	33,690
Persimmons	300
Potatoes	27,110
Plums	14,100
Prunes	1,150
Quinces	600
Squash	900
Tomatoes	19,975
Turnips	800
Thyme	20
Vegetables	5,870
Total	965,767
Number of pounds of fruit condemned	849,587
" vegetables condemned	97,370
" canned goods condemned	350
" groceries condemned	18,460
Total	965,767

Meat and Fish Inspections.

Number of inspections made	15,563
" citizens' complaints received	41
" citizens' complaints returned as negatives	40
" citizens' complaints under observation	3
" original complaints by Inspectors	1
" days at Court and Central Office	59
" arrests made	1
Number held in bail	1
Number of pounds of meat and fish condemned	258,782

Condemned and Seized.

	Pounds.
Beef	9,167
Veal	29,520
Sheep	34,450
Hogs	30,950
Assorted meats	8,760
Poultry	39,820
Fish	106,115
Total	258,782
Number of inspections made of fish stores	1,771
" stands	2,102
" licensed vendors	1,974
" commission houses	2,575
" butcher shops	2,106
" slaughter-houses	2,844
" packing-houses	102
" ice-houses	773
" vessels	535
" railroad depots	231
" stock yards	154
" markets	396
Total	15,563

Work Performed by Assistant Chemists.

Number of analyses made	430
" lactometers tested	1
" days at Court and Central Office	123
" nights of special work	2

Summary of Analyses Made.

Air	92	Sugar	1
Cream	1	Syrups	2
Coffee	1	Tea	1
Citrate of magnesia	1	Water (Croton)	113
Candy	1	" (from wells)	18
Drugs	8	" (from cellars)	4
Ice-cream	1	" (from Croton watershed)	18
Liquor	1	" (mineral)	6
Milk	145	" (Spring)	8
Milk (condensed)	3	Total	530
Opium	1		
Sewage	1		
Soda water	3		

Work Performed in the Inspection of Offensive Trades.

Number of inspections made	8,480
" complaints made	65
" citizens' complaints received	291
" citizens' complaints returned for orders	55
" citizens' complaints returned as negatives	265
" citizens' complaints under observation	7
" original complaints by Inspectors	10
" days at Court and Central Office	114
" nights of special work	48

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

Bakeries	20	Lime kilns	17
Blacksmith shops	23	Leather manufactories	2
Bone yards	52	Liquor stores	2
Box factories	40	Medicine manufactories	1
Breweries	35	Milk depots	8
Butcher shops	30	Markets	7
Candy manufactories	1	Offices	336
Cigar manufactories	62	Oil works	6
Cabinet manufactories	26	Offal docks	6
Clothing manufactories	9	Packing houses	24
Calf's head cleaning establishments	3	Private dwellings	331
Cheese manufactories	2	Printing houses	18
Clothes-cleaning establishments	12	Provision houses	13
Carpet-cleaning establishments	2	Piers	185
Coffee mills	8	Pickle factories	2
Carpenter shops	1	Public baths	3
Cattle yards	583	Restaurants	53
Coal yards	6	Rag shops	7
Cellars	113	Round-houses	46
Cold storage warehouses	1	Railroads	44
Dumps (garbage)	23	Railroad depots	2
Dumps (earth)	13	Steam-heating pipes	3
Dynamoes	12	Subway Company's pipes	3
Dye works	3	Slaughter-houses (cattle)	3,106
Drug stores	1	Slaughter-houses (chickens)	1
Excavations	202	Smoke-houses	65
Electric motors	1	Sawmills	106
Fruit stands	2	Soap manufactories	32
Fish markets	14	Soda water manufactories	5
Fires	1	Stores	27
Furniture factories	10	Streets	9
Fat-rendering establishments	328	Smelting works	10
Foundries	17	Sausage manufactories	2
Fur stores	3	Saloons	7
Factories	196	Steam exhaust pipes	73
Ferries	2	Sewers	401
Fertilizer factories	114	Steam-engines (stationary)	27
Gas engines	26	Stables	40
Gas houses	353	Stone yards	1
Gas leaks in mains	15	Tenement-houses	276
Gas leaks in pipes	5	Tobacco manufactories	1
Gas leaks in houses	2	Tar boiling	1
Gas holders	183	Tripe factories	3
Gas trenches	66	Venders' wagons	10
Grocery stores	36	Venders' stands	2
Gut-cleaning establishments	28	Varnish factories	6
Hair-packing establishments	9	Water (Croton)	10
Hide cellars	123	Water (wells)	7
Hog yards	57	Water (tanks)	5
Hat stores	1	Water (springs)	5
Hotels	6	Water (hydrants)	2
Ice manufactories	12	Wire works	8
Iron works	1	Wheelwright shops	1
Junk shops	52	Yards	116
Kindling-wood factories	23	Total	8,480
Laundries	27		

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

Number of inspections and reinspections made	58,705
" complaints made	2,917
" complaints made and forwarded to the Sanitary Superintendent	2,706
" complaints made and referred to the Sanitary Inspectors	211
" complaints made on complaints of citizens and forwarded to the Sanitary Superintendent	1,561
" complaints made on overcrowding in tenements	137

The number of orders received, inspected and reported upon was 12,309, of which number, with 1,564 orders held for reinspection at date of last report, there have been returned to the Sanitary Superintendent—

Orders complied with	7,220
" not complied with	6,653
" received from the Division of Contagious Diseases to stop work, close stores and keep premises under observation	27
Relieved from observation	27
Number of night inspections of tenement apartments to report overcrowding	12,182
" complaints of overcrowding made and forwarded for orders	137
" orders issued by the Board to reduce the number of occupants in overcrowded apartments	143
" orders complied with	127
" orders not complied with	10
" persons removed from overcrowded apartments	222
" letters delivered	2,208
" water-closets ordered in lieu of privy vaults	41
" ash receptacles removed from sidewalks	2,007
" scavenger permits collected and forwarded to the Sanitary Superintendent	291
" manure dump inspections	260
" lodging-house inspections	499
" tenement-house inspections	20,913
" tenement-house inspections (under the law, house-to-house inspections)	11,417
" slaughter-house inspections	888
" stable inspections	1,812
" miscellaneous inspections and reinspections of other than tenement-houses	8,605
" notices served directing burial of persons who died from contagious or infectious diseases	301
" postal cards transmitted to the Department of Street Cleaning	27

Nature of Complaints and Violations Reported by Sanitary Police.

NATURE OF COMPLAINTS AND VIOLATIONS.	COMPLAINTS MADE.	NUISANCES ABATED BY PERSONAL EFFORT.	TOTAL.
Air shafts filthy, not covered or connected with house drain	157	113	270
Areas filthy and dangerous	212	107	319
Ash-boxes in violation of Sanitary Code	57	2,010	2,067
Balusters and stairs dangerous	87	...	87
Cellars filthy	647	381	1,028
Cellars occupied as a place of dwelling or lodging	41	...	41
Cellar doors dangerous	8	...	8
Cellars not water-tight	18	...	18
Cesspools	42	...	42
Chimneys dangerous or obstructed	39	...	39
Cows, no permit	6	...	6
Dogs kept in violation of Sanitary Code	19	...	19
Drains obstructed or defective	101	...	101
Eaves gutters defective or dangerous	20	...	20
Fences dangerous	31	...	31

NATURE OF COMPLAINTS AND VIOLATIONS.	COMPLAINTS MADE.	NUISANCES ABATED BY PERSONAL EFFORT.	TOTAL.
Fire-escapes filthy or obstructed.....	21	16	37
Flooring broken, dangerous or filthy.....	329	70	399
Fowls kept, no permit.....	128	....	128
Fresh-air inlets obstructed.....	....	409	409
Goats kept, no permit.....	14	52	66
Hogs kept, no permit.....	1	....	1
Hydrants out of repair.....	50	....	50
Ice-boxes not connected with a properly trapped Croton- supplied sink.....	47	....	47
Leadere defective, obstructed or dangerous.....	79	....	79
Manure-vaults in violation of the Sanitary Code or no permit	35	1	36
Pigeons kept.....	99	....	99
Pumps out of repair.....	24	3	27
Privy accommodations not sufficient.....	5	....	5
Privy-vaults full, offensive, or out of repair.....	93	....	93
Privy-houses filthy or out of repair.....	284	115	399
Premises not connected with street sewer.....	33	....	33
Rabbits kept.....	6	....	6
Rags stored in tenement-houses.....	24	....	24
Receiving-basins full or offensive.....	39	....	39
Roofs leaking or filthy.....	450	10	460
Schools kept in tenement-houses.....	3	....	3
School sinks out of order or neglected.....	156	66	222
Stable yards filthy, not paved, graded or sewer connected..	54	42	96
Skylights broken.....	37	....	37
Stoops dangerous.....	24	....	24
Soil-pipes obstructed, defective or not ventilated.....	105	....	105
Sinks filthy, defective or not trapped.....	174	9	183
Sidewalks filthy, dangerous or not flagged.....	79	....	79
Street pavements dangerous.....	79	....	79
Streets or gutters filthy or obstructed.....	99	239	338
Street culverts obstructed.....	2	....	2
Supply-pipes obstructed or defective.....	180	....	180
Urinals not trapped, flushed or sewer connected.....	65	7	72
Vacant lots filthy, dangerous, not fenced or sewer connected	102	3	105
Vault covers or gratings dangerous.....	6	....	6
Water-closets out of repair or filthy.....	337	18	355
Water-tanks filthy.....	75	....	75
Walls and ceilings filthy or out of repair.....	1,449	....	1,449
Waste-pipes obstructed, defective or not ventilated.....	185	....	185
Yards filthy, not properly graded or sewer connected.....	491	547	1,038
Yard pavements out of repair.....	147	....	147
Total.....	7,095	4,218	11,313

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.....	2,418	Dogs from public pound.....	2,828
Mules.....	10	Barrels of fish.....	1,581
Donkeys.....	1	Barrels of offal.....	8,492
Colts.....	2	Barrels of poultry.....	197
Steers.....	4	Quarters of veal.....	753
Cows.....	18	Quarters of mutton.....	128
Calves.....	135	Cases of Bolognas.....	8
Sheep.....	209	Barrels of Blood.....	9
Hogs.....	1	Cases of cheese.....	100
Cats and dogs.....	7,104		

WORK PERFORMED BY THE DIVISION OF CONTAGIOUS DISEASES.

Contagious Diseases Reported and Referred to the Inspector.

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

Typhus fever.....	10
Typhoid fever.....	343
Scarlet fever.....	577
Measles.....	1,517
Diphtheria.....	1,265
Small-pox.....	108
Total.....	3,820

Other Cases Reported and Referred to the Inspector.

Cerebro-spinal meningitis.....	64
Varicella.....	25
Malarial fever.....	25
Croup.....	81
Tonsillitis.....	1
Typhoid malarial.....	1
Pertussis.....	50
Erysipelas.....	3
Dysentery.....	1
Total.....	251

Summary of Work Performed.

Number of inspections made.....	11,707
“ general and special reports made.....	2,997

Work Performed by the Inspectors of Vaccination.

Number of primary vaccinations performed.....	7,108
“ re-vaccinations performed.....	16,648
Total.....	23,756

Number of visits to sick children.....	4
“ visits to infected houses.....	1,064
“ reports forwarded.....	349

Work Performed by the Medical Sanitary Inspectors.

Number of cases visited.....	11,276
“ houses inspected.....	10,515
“ inspections of tenements.....	9,224
“ inspections of private houses.....	378
“ inspections of schools and institutions.....	467
“ inspections of hotels.....	40
“ miscellaneous inspections.....	406
“ visits to doctors and undertakers.....	230
“ school notices sent.....	619
“ special diagnoses made.....	1,203
“ visits to Court and Central Office.....	866
“ days (24 hours) as diagnosticians.....	370
“ reports forwarded to Chief Inspector.....	1,681

Work Performed by the Ambulance Corps.

Number of houses visited.....	688
“ times ambulances were disinfected.....	316
“ patients removed to hospital on account of contagious diseases.....	307
“ dead bodies removed to the Morgue.....	16
“ reports forwarded to Chief Inspector.....	377

Work Performed by the Veterinarian.

Number of cases of contagious diseases in animals visited.....	166
“ inspections made.....	409
“ heads of cattle examined.....	5,326
“ glandered horses destroyed.....	47
“ post-mortems on cattle.....	31

Miscellaneous Work Performed.

Number of lodging-houses inspected.....	783
“ lodgers examined.....	13,418
“ animals vaccinated.....	34
“ quill slips collected.....	55,688
“ ivory points collected.....	4,070
“ certificates of vaccination issued.....	3,715
“ prescriptions written.....	184
“ prescriptions filled.....	184
“ reports forwarded to Chief Inspector.....	590

Work Performed by the Summer Corps.

Number of families visited.....	260,186
“ houses visited.....	28,258
“ sick persons prescribed for.....	33,822
“ minor nuisances abated by personal effort.....	4,378
“ complaints forwarded to Sanitary Bureau.....	292
“ circulars distributed.....	78,280
“ tickets of St. John's Guild distributed.....	13,334
“ patients found treated by other physicians.....	4,770
“ re-visits made to sick persons.....	4,622
“ days of service.....	1,927

Cases visited—	
Diarrhoeal.....	22,688
Dysenteric.....	150
Respiratory.....	3,137
Contagious.....	439
Miscellaneous.....	7,408

Moneys received from the sale of bovine vaccine virus and deposited with the City Chamberlain.....	\$588 85
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WORK PERFORMED BY THE DIVISION OF PATHOLOGY, BACTERIOLOGY AND DISINFECTION.

Work Performed by the Inspector of Bacteriology.

Number of bacteriological examinations.....	184
“ inspections made.....	5
“ days on duty.....	71
“ nights on duty.....	1

Work Performed by the Inspector of Diphtheria.

Number of inspections made.....	51
“ bacteriological diagnoses of diphtheria (true, 448, pseudo, 200).....	648
“ secondary bacteriological examinations of diphtheria (convalescents).....	201
“ days on duty.....	88
“ nights on duty.....	8

Work Performed by the Drivers.

Number of visits to remove infected goods.....	1,056
“ visits to return disinfected goods.....	856
“ days on duty at disinfecting depot.....	376
“ nights on duty.....	104

Work Performed by the Disinfectors.

Number of premises visited.....	3,286
“ visits without cause.....	547
“ rooms fumigated.....	713
“ rooms fumigated and disinfected.....	7,425
“ days on duty at office.....	359½
“ days on duty at disinfecting depot.....	4
“ days on duty at stable.....	229
“ nights on duty.....	76
“ vaccination certificates delivered.....	1,683
“ school certificates delivered.....	14

Work Performed by the Medical Inspector in Charge of Disinfecting Depot.

Number of lots of infected goods received.....	1,056
“ infected articles received.....	16,757
“ infected articles destroyed.....	2,593
“ infected articles disinfected and returned.....	11,784
“ infected articles disinfected and not returned.....	2,380
“ on hand to be disinfected.....	16,757
“ ambulances disinfected.....	276
“ blankets disinfected.....	395
“ nights on duty.....	14

Work Performed by the Medical Inspector in Charge of the Office.

Number of inspections made.....	10
“ days on duty at office.....	82

Work Performed by the Medical Inspectors.

Number of inspections made.....	2,737
“ supervisions of disinfections.....	98
“ days on duty at office.....	44
“ nights on duty.....	11

Summary.

Number of inspections made.....	2,803
supervisions of disinfection.....	98
autopsies.....	9
bacteriological examinations, general.....	184
bacteriological diagnoses of diphtheria (true 448, pseudo 200).....	648
secondary bacteriological examinations of diphtheria (convalescents).....	201
wagon calls for infected goods.....	1,056
wagon calls to return disinfected goods.....	856
infected articles received.....	16,757
infected articles destroyed.....	2,593
infected articles disinfected and returned.....	11,784
infected articles disinfected and not returned.....	2,380
ambulances disinfected.....	276
blankets disinfected.....	305
premises visited by disinfectors.....	3,286
rooms fumigated.....	713
rooms fumigated and disinfected.....	7,425
other places disinfected.....	50

SANITARY BUREAU,
New York, October 2, 1893.

EMMONS CLARK, Esq., Secretary:

SIR—I have the honor to submit the following report in regard to premises vacated and declared public nuisances for the quarter ending September 30, 1893:

Owing to the difficulty found in the enforcement of some orders of the Board, due in part to non-resident ownership, neglect and indifference on the part of resident owners, inability to ascertain the name and address of owners, property being in litigation or belonging to estates, the

executors of which refuse to comply, it was deemed advisable to resort more often to the power given to the Board of Health in section 659 of the Consolidated Act, as follows:

(As amended, chapter 84, Laws of 1887.) "Whenever it shall be certified to the board of health of the health department of the city of New York by the sanitary superintendent that any building or part thereof in the city of New York is infected with contagious disease, or by reason by want of repair has become dangerous to life, or is unfit for human habitation because of defects in drainage, plumbing, ventilation, or the construction of the same, or because of the existence of a nuisance on the premises and which is likely to cause sickness among its occupants, the said board of health may issue an order requiring all persons therein to vacate such building, or part thereof for the reason to be stated therein as aforesaid. Said board shall cause said order to be affixed conspicuously in the building or part thereof and to be personally served on the owner, lessee, agent, occupant or any person having the charge thereof; * * * such building or part thereof shall within ten days after said order shall have been posted and mailed as aforesaid, or within such shorter time, not less than twenty-four hours, as in said order may be specified, be vacated, but said board, whenever it shall become satisfied that the danger from said building, or part thereof has ceased to exist, or that said building has been repaired so as to be habitable, may revoke said order."

In the majority of cases where this action has been required the premises have been occupied as tenement-houses.

Another class of premises has also called for this action; these are the dwellings known as "shanties." They are wooden structures, one story high, in most cases without water supply or proper drainage, that have been erected from time to time in what was then the unimproved portion of the city. At the time these buildings were constructed, owing to the fact that there were no adjoining houses, action on the part of this Department was not required, but as dwellings occupied by a large number of persons are constructed near them the conditions became such that they require to be removed. In many cases these are "squatters" and are totally irresponsible, and enforcement of the requirements of the Department is very difficult. In a large number of them horses are stabled, and goats, dogs, chickens and ducks are housed. As the city improvements go on the shanty population becomes a great nuisance and a positive menace to health, and as such this action has had a very beneficial effect.

The following tabulated statement and summary shows the date, location, character of premises, cause of action and the result of this work on the part of the Board:

No.	DATE.	PREMISES.	NUMBER OF ORDER.	CAUSE.	RESULT.
1	May 23	41 Mulberry street.....	8004	Want of Repair.....	Vacated June 8; complied with June 10.
2	" 23	43 ".....	7997	".....	" 8; " " 10.
3	" 23	45 ".....	11253	".....	" 8; " " 10.
4	" 23	54 ".....	8001	".....	Complied with June 2.
5	" 23	56 ".....	11257	".....	" " 2.
6	" 23	55 ".....	8002	Defective plumbing and want of repair.....	" " 2.
7	" 23	55½ ".....	8003	".....	" " 2.
8	" 23	67 ".....	11261	".....	" " 2.
9	" 23	69 ".....	11261	".....	" " 2.
10	" 23	71 ".....	11261	".....	" " 2.
11	" 23	75 ".....	8173	".....	" " 7.
12	" 23	77 ".....	8174, 11264, 11265	Want of repair.....	" " 10.
13	" 23	57 ".....	11258	".....	" " 10.
14	" 23	59 ".....	11258	".....	" " 10.
15	" 23	10 Essex street.....	2587, 8923, 9432	Defective plumbing and want of repair.....	" May 26.
16	" 23	14 ".....	7934, 8525	Defective plumbing.....	Vacated June 5; complied with June 7.
17	" 23	21 ".....	7145, 7146, 7935, 8927	Want of repair.....	Complied with May 29.
18	" 23	25 ".....	7936	Defective plumbing.....	" " 29.
19	" 23	40 Goerck street.....	6120	Defective drainage and want of repair.....	" June 6.
20	" 23	127 Hester street.....	9104	Defective plumbing and want of repair.....	Vacated June 2; complied with September 7.
21	" 23	129 ".....	9104	".....	" 2; " " 7.
22	" 23	506 East Fourteenth street.....	7096	Defective drainage.....	Complied with June 10.
23	" 23	248 East Fifth street.....	4389	".....	" " 10.
24	" 31	246 Mott street.....	19644	Defective drainage and want of repair.....	" " 14.
25	" 31	248 ".....	19644	".....	" " 14.
26	" 31	250 ".....	19644	".....	" " 14.
27	" 31	252 ".....	19644	".....	" " 14.
28	" 31	254 ".....	19644	".....	" " 14.
29	" 31	250 Monroe street.....	22722	Defective drainage.....	" July 27.
30	" 31	695 Water street.....	9107	Want of repair.....	" June 16.
31	" 31	95 Sheriff street.....	11374	Defective drainage and plumbing.....	" July 10.
32	" 31	119 East Fourth street.....	18402, 24674	".....	Vacated June 8; nothing done.
33	" 31	123 ".....	18402, 24674	".....	" 8; " "
34	" 31	36 Hester street.....	4198, 7943	Defective plumbing.....	Complied with June 12.
35	" 31	32 ".....	7942, 10197, 10202	Want of repair.....	" " 7.
36	" 31	36 Mulberry street.....	22863	Defective drainage.....	" " 14.
37	" 31	53 Park street.....	10355	".....	" " 7.
38	" 31	364 Pearl street.....	10805	Want of repair.....	" " 3.
39	" 31	366 ".....	10805	".....	" " 3.
40	" 31	90 New Chambers street.....	10803	".....	" " 14.
41	" 31	92 ".....	10803	".....	" " 14.
42	" 31	621 West Fifty-first street.....	24379	".....	" " 22.
43	" 31	488 Sixth avenue.....	17263	Defective plumbing.....	" July 19.
44	" 31	490 ".....	17263	".....	" " 19.
45	" 31	528 Eighth avenue.....	9449	".....	" June 7.
46	" 31	712 Third avenue.....	3713	Defective drainage.....	" " 3.
47	" 31	272 East Broadway.....	9639	Defective drainage and plumbing.....	" " 12.
48	" 31	164 Broome street.....	11309	Defective drainage and want of repair.....	Vacated July 19.
49	" 31	166 ".....	11309	Defective drainage and want of repair.....	Vacated June 8; complied with July 19.
50	" 31	47 Attorney street.....	10279	Want of repair.....	" 8; " " 19.
51	" 31	206 East Ninety-seventh street.....	3612, 3841, 26278	Defective drainage and plumbing; want of repair.....	" 27; " " 14.
52	" 31	208 ".....	3612, 3841, 26278	".....	" 27; " September 18.
53	" 31	425 East Fifty-ninth street.....	3713	Defective plumbing.....	Complied with September 29.
54	" 31	427 ".....	3713	".....	" " 29.
55	" 31	429 ".....	3713	".....	" " 29.
56	June 6	118 First street.....	25164	".....	" June 22.
57	" 6	29 Scamtel street.....	20697	".....	" " 29.
58	" 6	49 Ludlow street.....	20131	".....	" " 26.
59	" 6	195 Forsyth street.....	23788	Defective drainage.....	" " 19.

NO.	DATE.	PREMISES.	NUMBER OF ORDER.	CAUSE.	RESULT.
60	June 13	472 Pearl street.....	10946, 11560	Defective drainage.....	Complied with July 24.
61	" 13	343 East Thirteenth street.....	21192	".....	Vacated June 29; complied with July 13.
62	" 13	345 ".....	21192	".....	" 29; " 13.
63	" 13	261 Third avenue.....	8703	".....	Complied with June 29.
64	" 13	109 Mangin street.....	13766	Defective plumbing.....	" 19.
65	" 13	111 ".....	13766	".....	" 19.
66	" 20	208 Thompson street.....	4296	".....	Vacated June 27; complied with September 28.
67	" 20	418 West Thirty-eighth street.....	10808	Defective drainage and want of repair.....	Complied with July 3.
68	" 20	36 Ludlow street.....	23579	Defective plumbing.....	" 24.
69	" 20	141 Madison street.....	9379, 9560	".....	Vacated June 27; complied with July 3.
70	" 20	41 Hester street.....	12144	Defective drainage and plumbing.....	Complied with July 6.
71	" 20	43 ".....	12145	Defective drainage and plumbing; want of repair.....	" 14.
72	" 20	45 ".....	12145	" " ".....	" 14.
73	" 20	498 Eighth avenue.....	21328	Defective plumbing and want of repair.....	Vacated June 27; complied with August 2.
74	" 20	2278 ".....	19632	Cellar occupied.....	" 27; " July 3.
75	" 20	107 West Third street.....	13460	Defective plumbing.....	" 27; nothing done.
76	" 30	270 East Fourth street.....	6012	Defective drainage.....	Vacated July 15; complied with July 24.
77	" 30	282 ".....	6983	".....	Complied with July 6.
78	" 30	284 ".....	6983	".....	" 6.
79	" 30	286 ".....	6983	".....	" 6.
80	" 30	288 ".....	6983	".....	" 6.
81	" 30	661 First avenue.....	634, 3370, 14633	".....	" August 10.
82	" 30	1453 Broadway.....	21550	".....	" July 5.
83	" 30	106 Bayard street.....	5367	Defective plumbing.....	" 10.
84	July 6	320 Mott street.....	24117	Defective plumbing and want of repair.....	" 31.
85	" 11	1 Minetta lane.....	12868	Defective plumbing.....	" 24.
86	" 11	435 East Twelfth street.....	13765	Defective drainage and want of repair.....	Vacated July 18; nothing done.
87	" 11	417 West street.....	11187	Defective drainage.....	Complied with July 24.
88	" 11	Southwest corner One Hundred and Third street and Boulevard.....	9677	Defective plumbing and want of repair.....	" August 5.
89	" 11	East side Third avenue, one house south of Bathgate avenue.....	14492	".....	Vacated July 18; work in progress.
90	" 11	2415 Arthur avenue.....	23179	".....	" 25; complied with August 2.
91	" 19	434 East Fourteenth street.....	25270	Want of repair.....	" 25; nothing done.
92	" 19	119 Third street.....	23311	Cellar occupied.....	Complied with July 25.
93	" 19	630 East Thirteenth street.....	4146	Defective drainage and want of repair.....	" August 2.
94	" 25	628 German place.....	11496, 25748	Defective drainage.....	Vacated August 1; nothing done
95	" 25	50 Canal street.....	16493	Defective drainage and plumbing.....	Complied with July 31.
96	" 25	181 Rivington street.....	16540	".....	" August 2.
97	" 25	33 Bond street.....	16611	Defective drainage, plumbing and want of repair.....	Vacated August 1; complied with September 29.
98	" 25	18 Eighth street.....	14818	Defective plumbing.....	Complied with August 30.
99	Aug. 1	196 East Broadway.....	13987	Defective plumbing and want of repair.....	" 30.
100	" 1	14 Forsyth street.....	25934	Defective drainage and want of repair.....	" 10.
101	" 1	103 Crosby street.....	10122	Want of repair.....	" 7.
102	" 1	46 Delancey street.....	17013, 17015	Defective drainage.....	" 7.
103	" 1	38 Vandam street.....	3680	Want of repair.....	" 16.
104	" 1	196 South street.....	2756	Defective drainage.....	" 16.
105	" 1	387 Broome street.....	21007	Defective plumbing.....	" 14.
106	" 1	91 Ridge street.....	2931	".....	" 4.
107	" 9	1942 Oostdorf avenue.....	13895	Defective drainage.....	" 21.
108	" 9	1944 ".....	13895	".....	" 21.
109	" 9	1946 ".....	13895	".....	" 21.
110	" 16	173 Avenue A.....	15859	Defective drainage and plumbing; want of repair.....	Vacated September 2; work in progress.
111	" 16	440 East Eleventh street.....	15859	" " ".....	" 2; "
112	" 22	236 West Twenty-fifth street.....	18362	Defective plumbing.....	Complied with September 26.
113	" 22	605 Third avenue.....	18174	Defective drainage and plumbing.....	" 26.
114	" 30	1880 Second avenue.....	16916, 19672	Defective drainage and want of repair.....	Vacated September 7; work in progress.
115	Sept. 5	118 Delancey street.....	18482	Defective plumbing and want of repair.....	Complied with September 11.
116	" 5	335 East Twenty-seventh street.....	15972	Defective plumbing.....	" 26.
117	" 5	North side One Hundred and Ninth street, 300 feet west of Amsterdam avenue	9445	Defective drainage.....	Work in progress.
118	" 5	{ West side of Madison avenue, between One Hundred and Nineteenth and } One Hundred and Twentieth streets.....	9802	".....	Vacated September 15; complied with September 26
119	" 12	759 Second avenue.....	200343	".....	Work in progress.
120	" 12	761 ".....	200343	".....	"
121	" 12	763 ".....	200343	".....	"
122	" 20	126 Alexander avenue.....	14805	Defective drainage and want of repair.....	"
123	" 20	47 Pitt street.....	14961, 17961	Defective drainage.....	"
124	" 20	117 East Fourth street.....	24016, 17967	Defective plumbing and want of repair.....	Complied with September 26.
125	" 20	246 Broome street.....	22489	".....	Work in progress.
126	" 20	413 East Twelfth street.....	5155	".....	"
127	" 20	429 East One Hundred and Thirteenth street.....	25873	Defective plumbing.....	"
128	" 27	897 Elton avenue.....	25158	Defective drainage.....	"
129	" 27	21 Pell street.....	12152, 15850, 19641	Defective plumbing and want of repair.....	"
130	" 27	55 Hester street.....	19808	Want of repair.....	"

Summary.

Number of houses ordered vacated after five days' notice.....	130
Orders complied with before vacation.....	87
Work in progress.....	12
	99
Houses vacated after notice.....	31
	130
Of those vacated orders since complied with.....	21
Of those vacated work in progress.....	4
Of those vacated nothing done.....	6
	31

Many nuisances, such as stables, slips on the river front, alleyways, etc., exist in the city which cannot be abated under this section, and it was found necessary to resort to section 535 of the Consolidated Act, as follows:

"Whenever any building, erection, excavation, premises, business, pursuit, matter or thing, or the sewerage, drainage or ventilation thereof, in said city, shall, in the opinion of said board (whether as a whole or in any particular), be in a condition or in effect dangerous to life or health, said board may take and file among its records what it shall regard as sufficient proof to authorize its declaration that the same, to the extent it may specify, is a public nuisance, or dangerous to life or health; and said board may thereupon enter in its records the same as a nuisance, and order the same to be removed, abated, suspended, altered or otherwise improved or purified, as said order shall specify. * * * If said order is not complied with, or as far complied with as said board may regard as reasonable, within five days after such service or attempted service, or within any shorter time which, in case of pestilence, the board may have designated, or is not thereafter speedily and fully executed, then any such order may be executed as herein elsewhere provided in regard to any of the orders of said board."

The following tabulated statement and summary shows the date, location, character of premises, cause of action and the result of this work on the part of the Board:

No.	DATE.	PREMISES.	ORDERS.	CHARACTER OF PREMISES.	RESULT.	DATE.
1	July 11	No. 694 Water street.....	16175, 22377	Stable.....	Nuisance abated.	Aug. 7
2	" 19	Forty-second and Forty-third streets, North river.....	.....	Slip on river front	"	Sept. 23
3	" 25	South side Ninety-second street, between Amsterdam avenue and Boulevard.....	16425	Stable.....	"	Aug. 7
4	" 25	South side Ninety-first street, west of Amsterdam avenue.....	16424	"	"	" 7
5	" 11	No. 308 West Sixtieth street.....	21759	"	"	" 31
6	" 11	No. 310 West Sixty-eighth street, Southwest corner One Hundred and Third street and Boulevard.....	21759	"	"	" 31
7	" 11	No. 18 Hester street.....	9677	"	"	" 7
8	Aug. 1	No. 18 Hester street.....	20792	"	"	" 11
9	" 1	No. 93 East Fourth street.....	20163	"	"	Sept. 15
10	" 1	No. 366 Eighth street.....	13674	"	"	" 23
11	" 1	No. 80 Mulberry street.....	24928	"	"	Aug. 21
12	" 16	No. 717 East Ninth street.....	11227	"	"	Sept. 19
13	Sept. 5	No. 50 East Thirteenth street.....	15593	"	"	" 29
14	" 5	No. 291 East Broadway.....	14628	Alleyway.....	"	" 30
15	" 5	No. 293 East Broadway.....	14630	Stable.....	"	" 30
16	" 5	No. 289 East Broadway.....	14627	"	"	" 30
17	" 5	No. 295 East Broadway.....	14627	"	"	" 30
18	" 5	No. 59 Mangin street.....	16666	"	"	" 30
19	" 5	One Hundred and Thirty-fourth street and Seventh avenue.....	14798	"	"	" 26
20	" 5	No. 153 East One Hundred and Thirteenth street.....	14445	"	"	" 13
21	" 5	No. 155 East One Hundred and Thirteenth street.....	14445	"	"	" 13
22	" 5	No. 68 East One Hundred and Nineteenth street.....	17364	"	"	" 28
23	" 5	No. 309 West One Hundred and Forty-first street.....	16119	"	"	" 28
24	" 5	No. 311 West One Hundred and Forty-first street.....	16119	"	"	" 28
25	" 20	Elton avenue and One Hundred and Fifty-fifth street.....	10998	"	Work in progress	"
26	" 20	No. 540 East One Hundred and Forty-ninth street.....	10006	"	Nuisance abated.	" 25
27	" 20	No. 542 East One Hundred and Forty-ninth street.....	10006	"	"	" 25
28	" 27	Southeast corner Brook avenue and One Hundred and Forty-first street.....	11129	"	Work in progress	"
29	" 27	No. 60 Centre street.....	276	"	"	"

SUMMARY.

Number of premises declared public nuisances.....	29
Nuisances abated.....	26
Work in progress.....	3

It must be understood that the severity of the action under these sections of the Consolidation Act, as affecting the interests of the owner and occupants, is fully recognized, but this action is only resorted to after extraordinary means of securing compliance with the order have failed. These means are a personal visit by one of the officers of the Board to the owner when he can be found and notices from the Attorney of the Board.

It is a noticeable fact that, due to this action on the part of the Board, the activity of owners in complying with other orders issued has shown a marked increase.

Respectfully submitted,

CHAS. F. ROBERTS, M. D., Sanitary Superintendent.

WILLARD PARKER HOSPITAL.

General Statement.

1893.	MALES.	FEMALES.	NATIVE.	FOREIGN.	TOTAL.	ACCOMPANYING.
Remaining in Hospital June 30, 1893.....	22	24	39	7	46	3
Admitted.....	36	39	61	14	75	17
Total.....	58	63	100	21	121	20
Discharged.....	48	48	78	18	96	20
Died.....	10	15	22	3	25	..
Total.....	58	63	100	21	121	20
Remaining in Hospital September 30, 1893.....	..	..	..	..	..	..

REMAINING IN HOSPITAL JUNE 30, 1893.

	CLASS.			NATIVE.			FOREIGN.			Total Males and Females.	Accompanying.
	City.	Public Institutions.	Quarantine.	Males.	Females.	Total.	Males.	Females.	Total.		
Scarlet fever.....	25	10	..	10	20	30	4	1	5	35	..
Diphtheria.....	11	..	..	6	3	9	2	..	2	11	3
Total.....	36	10	..	16	23	39	6	1	7	46	3

ADMITTED.

	CLASS.			NATIVE.			FOREIGN.			Total Males and Females.	Accompanying.
	City.	Public Institutions.	Quarantine.	Males.	Females.	Total.	Males.	Females.	Total.		
Scarlet fever.....	20	6	..	8	14	22	2	2	4	26	..
Diphtheria.....	34	14	1	22	17	39	4	6	10	49	17
Total.....	54	20	1	30	31	61	6	8	14	65	17

DISCHARGED.

Scarlet fever.....	46	13	..	18	32	50	6	3	9	59	..
Diphtheria.....	27	10	..	20	8	28	4	5	9	37	20
Total.....	73	23	..	38	40	78	10	8	18	96	20

DIED.

Scarlet fever.....	..	2	..	..	2	2	..	..	..	2	..
Diphtheria.....	18	4	1	8	12	20	2	1	3	23	..
Total.....	18	6	1	8	14	22	2	1	3	25	..

Remaining in Hospital September 30, 1893, none.

RECAPITULATION OF REPORT FOR QUARTER ENDING SEPTEMBER 30, 1893.

	REMAINING JUNE 30, 1893.		ADMITTED DURING QUARTER.		DISCHARGED DURING QUARTER.		DIED DURING QUARTER.		REMAINING SEPT. 30, 1893.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Scarlet Fever.....	14	21	10	16	24	35	..	2	..	..
Diphtheria.....	8	3	26	23	24	13	10	13	..	..
Accompanying.....	..	3	..	17	..	20	..	..	..	..
Total.....	22	27	36	56	48	68	10	13	..	..

Report by Ages of Patients.

	REMAINING JUNE 30, 1893.				ADMITTED DURING QUARTER.				DISCHARGED DURING QUARTER.				DIED DURING QUARTER.				REMAINING SEPTEMBER 30, 1893.			
	Under 5 Years.	5 to 16 Years.	Over 16 Years.	Total.	Under 5 Years.	5 to 16 Years.	Over 16 Years.	Total.	Under 5 Years.	5 to 16 Years.	Over 16 Years.	Total.	Under 5 Years.	5 to 16 Years.	Over 16 Years.	Total.	Under 5 Years.	5 to 16 Years.	Over 16 Years.	Total.
Scarlet Fever.....	20	6	9	35	18	5	3	26	37	11	11	59	1	..	1	2	..	..	..	..
Diphtheria.....	5	5	1	11	37	5	7	49	23	6	8	37	19	4	..	23	..	..	..	..
Total.....	25	11	10	46	55	10	10	75	60	17	19	96	20	4	1	25	..	..	..	..

Mortality Per Centum.

	UNDER 5 YEARS.	5 TO 16 YEARS.	OVER 16 YEARS.	TOTAL.
Scarlet Fever.....	.026	....	.083	.032
Diphtheria.....	.452	.400	....	.383

Comparative Statement of Scarlatina and Diphtheria from October, 1885, to October, 1893.

YEAR.	QUARTER.	SCARLATINA.	DIPHTHERIA.	TOTAL.	YEARLY TOTAL.
1885.....	4th	18	7	25	25
1886.....	1st	28	1	44	161
	2d	27	11	38	
	3d	3	25	28	
	4th	6	45	51	
1887.....	1st	38	34	72	342
	2d	21	34	55	
	3d	21	51	72	
	4th	62	81	143	
1888.....	1st	48	63	111	488
	2d	69	83	152	
	3d	48	41	89	
	4th	65	71	136	
1889.....	1st	83	134	217	588
	2d	75	123	198	
	3d	17	54	71	
	4th	30	72	102	
1890.....	1st	55	67	122	447
	2d	38	57	95	
	3d	20	42	62	
	4th	42	126	168	

[illegible]

RECEPTION HOSPITAL.
General Statement.

1893.	MALES.	FEMALES.	NATIVE.	FOREIGN.	TOTAL.	ACCOMPANYING.
Remaining in hospital June 30, 1893.....	..	..	..	..	..	..
Admitted	143	116	157	102	259	54
Total.....	143	116	157	102	259	54
Transferred.....	134	111	149	96	245	50
Discharged.....	5	3	5	3	8	4
Died.....	4	2	3	3	6	..
Total.....	143	116	157	102	259	54
Remaining in hospital September 30, 1893.....	..	..	..	..	..	..

Remaining in Hospital June 30, 1893—None.

ADMITTED.

	CLASS.			MALE.			FEMALE.			Total Males and Females.	Accompanying.
	City.	Public Institutions.	Quarantine.	Native.	Foreign.	Total.	Native.	Foreign.	Total.		
Small-pox.....	86	18	..	26	30	56	29	19	48	104	..
Typhus fever.....	2	10	..	3	9	12	..	..	..	12	..
Scarlet fever..	12	12	1	10	7	17	4	4	8	25	..
Measles	16	10	..	8	6	14	8	4	12	26	..
Diphtheria	53	12	..	19	8	27	31	7	38	65	..
Suspects.....	8	8	..	4	7	11	4	1	5	16	..
Accompanying.....	43	10	2	3	1	4	10	41	51	55	..
Measles and diphtheria.....	4	..	..	1	1	2	1	1	2	4	..
Scarlet, measles and pertussis.....	3	1	..	2	1	2	1	1	2	4	..
Diphtheria and pertussis.....	1	..	..	1	..	1	..	..	..	1	..
Diphtheria and scarlet fever	1	..	..	1	..	1	..	..	..	1	..
Total.....	229	81	3	78	70	147	88	78	166	313	..

TRANSFERRED.

Small-pox.....	86	18	..	26	30	56	29	19	48	104	..
Typhus fever.....	2	9	..	3	8	11	..	..	..	11	..
Scarlet fever	12	12	1	10	7	17	4	4	8	25	..
Measles.....	14	9	..	6	6	12	7	4	11	23	..
Diphtheria.....	52	11	..	18	8	26	31	6	37	63	..
Suspects.....	2	6	..	2	4	6	2	..	2	8	..
Accompanying.....	39	10	2	3	..	3	10	38	48	51	..
Measles and diphtheria	4	..	..	1	1	2	1	1	2	4	..
Scarlet fever, measles and pertussis.....	3	1	..	2	..	2	1	1	2	4	..
Diphtheria and pertussis.....	1	..	..	1	..	1	..	..	..	1	..
Diphtheria and scarlet fever.....	1	..	..	1	..	1	..	..	..	1	..
Total.....	216	76	3	73	65	137	85	73	158	295	..

DISCHARGED.

Suspects	5	2	..	2	2	4	2	1	3	7	..
Measles .....	..	1	..	1	..	1	..	..	..	1	..
Accompanying	4	..	..	..	1	1	..	3	3	4	..
Total.....	9	3	..	3	3	6	2	4	6	12	..

DEATHS.

Typhus.....	..	I	..	..	I	I	..	..	..	I	..
Measles.....	2	..	..	I	..	I	I	..	I	2	..
Diphtheria.....	I	I	..	I	..	I	..	I	I	2	..
Suspects.....	I	..	..	..	I	I	..	..	..	I	..
Total.....	4	2	..	2	2	4	I	I	2	6	..

Remaining—None.

RECAPITULATION FOR QUARTER ENDING SEPTEMBER 30, 1893.

	REMAINING, JUNE 30, 1893.		ADMITTED DURING QUARTER.		DISCHARGED DURING QUARTER.		TRANSFERRED DURING QUARTER.		DIED DURING QUARTER.		REMAIN- ING SEP- TEMBER 30, 1893.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
Small-pox.	56	48	..	..	56	48	..	..	..	..
Typhus Fever.....	12	..	..	..	11	..	1	..	..	..
Scarlet Fever.....	17	8	..	..	17	8	..	..	..	..
Measles.....	14	12	1	..	12	11	1	1	..	..
Diphtheria.....	27	38	..	..	26	37	1	1	..	..
Suspects	11	5	4	3	6	2	1	..	..	..
Accompanying	4	51	1	3	3	48	..	..	..	..
Measles and Diphtheria.....	2	2	..	..	2	2	..	..	..	..
Scarlet, Measles and Pertussis....	2	2	..	..	2	2	..	..	..	..
Diphtheria and Pertussis.....	1	..	..	..	1	..	..	..	..	..
Diphtheria and Scarlet.....	1	..	..	..	1	..	..	..	..	..
Total.....	147	167	6	6	137	159	4	2	..	..

RIVERSIDE HOSPITAL, NORTH BROTHER ISLAND.

SMALL-POX.

	City.	Quarantine.	Public Hospital.	Other Places.	Male.	Female.	White.	Colored.	Native.	Foreign.	Total.
Remaining June 30, 1893.....	18	1	1	..	9	11	20	..	10	10	20
Admitted	88	..	10	4	55	47	100	2	57	45	102
Total treated	106	1	11	4	64	58	120	2	67	55	122
Died.....	17	..	..	..	9	8	16	1	14	3	17
Discharged	61	1	7	3	39	33	72	..	38	34	72
Remaining September 30, 1893	28	..	4	1	16	17	32	1	15	18	33

Mortality, 13.94 per cent.

TYPHUS FEVER.

[illegible]

Mortality, 42.86 per cent.

MEASLES.

Remaining June 30, 1893.....	7	..	..	4	5	6	11	..	9	2	11
Admitted.....	17	..	9	4	15	15	30	..	15	15	30
Total treated.....	24	..	9	8	20	21	41	..	24	17	41
Died.....	2	..	3	..	3	2	5	..	5	..	5
Discharged.....	21	..	4	8	17	16	33	..	17	16	33
Remaining September 30, 1893.....	1	..	2	..	..	3	3	..	2	1	3

Mortality, 12.20 per cent.

SCARLET FEVER.

Remaining June 30, 1893.....	4	..	5	9	9	9	18	..	14	4	18
Admitted	32	1	10	9	28	24	52	..	37	15	52
Total treated.....	36	1	15	18	37	33	70	..	51	19	70
Died	7	..	2	2	4	7	11	..	11	..	11
Discharged	25	..	9	14	26	22	48	..	34	14	48
Remaining September 30, 1893.....	4	1	4	2	7	4	11	..	6	5	11

Mortality, 15.71 per cent.

SCARLET FEVER WITH MEASLES.

[illegible]

WHOOPIING COUGH.

	City.	Quarantine.	Public Hospital.	Other Places.	Male.	Female.	White.	Colored.	Native.	Foreign.	Total.
Remaining June 30, 1893.....	..	..	..	..	..	..	..	..	..	..	..
Admitted.....	2	..	..	..	2	..	2	..	2	..	2
Total treated.....	2	..	..	..	2	..	2	..	2	..	2
Died.....	..	..	..	..	..	..	..	..	..	..	..
Discharged.....	2	..	..	..	2	..	2	..	2	..	2
Remaining September 30, 1893.....	..	..	..	..	..	..	..	..	..	..	..

Mortality, 0 per cent.

DIPHTHERIA.

	City.	Quarantine.	Public Hospital.	Other Places.	Male.	Female.	White.	Colored.	Native.	Foreign.	Total.
Remaining June 30, 1893.....	..	..	..	..	..	..	..	..	..	..	..
Admitted.....	50	..	12	1	28	35	63	..	52	11	63
Total treated.....	50	..	12	1	28	35	63	..	52	11	63
Died.....	15	..	3	..	9	9	18	..	15	3	18
Discharged.....	22	..	8	1	14	17	31	..	26	5	31
Remaining September 30, 1893.....	13	..	1	..	5	9	14	..	11	3	14

Mortality, 28.60 per cent.

TOTAL PATIENTS.

	City.	Quarantine.	Public Hospital.	Other Places.	Male.	Female.	White.	Colored.	Native.	Foreign.	Total.
Remaining June 30, 1893.....	31	1	9	15	25	31	56	..	40	16	56
Admitted.....	193	1	48	18	138	122	258	2	169	91	260
Total treated.....	224	2	57	33	163	153	314	2	209	107	316
Died.....	42	..	13	2	30	27	56	1	47	10	57
Discharged.....	136	1	33	28	105	93	198	..	128	70	198
Remaining September 30, 1893.....	46	1	11	3	28	33	60	1	34	27	61

Mortality, 18.04 per cent.

SUSPECTS.

	City.	Quarantine.	Public Hospital.	Other Places.	Male.	Female.	White.	Colored.	Native.	Foreign.	Total.
Remaining June 30, 1893.....	4	..	..	1	3	2	5	..	..	..	5
Admitted.....	2	..	9	..	10	1	11	..	..	..	11
Total treated.....	6	..	9	1	13	3	16	..	..	..	16
Died.....	1	..	2	..	3	..	3	..	..	..	3
Discharged.....	5	..	7	1	10	3	13	..	..	..	13
Remaining September 30, 1893.....	..	..	..	..	..	..	..	..	..	..	..

Mortality, 18.75 per cent.

ACCOMPANYING.

	City.	Quarantine.	Public Hospital.	Other Places.	Male.	Female.	White.	Colored.	Native.	Foreign.	Total.
Remaining June 30, 1893.....	3	..	..	..	3	3	..	..	3	3	3
Admitted.....	44	1	8	3	1	55	56	..	15	41	56
Total treated.....	47	1	8	3	1	58	59	..	15	44	59
Died.....	..	..	..	..	..	..	..	..	..	..	..
Discharged.....	38	..	7	3	1	47	48	..	11	37	48
Remaining September 30, 1893.....	9	1	1	..	..	11	11	..	4	7	11

Mortality, 0 per cent.

Average daily census for quarter—

Patients.....	51.83
Help.....	48.95
Total.....	100.78

Number of dead bodies received, 15.

Number of trips made by steamboat "Franklin Edson," 231.

RECAPITULATION OF REPORT.

	REMAINING JUNE 30, 1893.			ADMITTED.			TOTAL TREATED.			DIED.			DISCHARGED.			REMAINING SEPT. 30, 1893.		
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
Small-pox.....	9	11	20	55	47	102	64	58	122	9	8	17	39	33	72	16	17	33
Typhus Fever.....	2	3	5	9	..	9	11	3	14	5	1	6	6	2	8	..	..	..
Measles.....	5	6	11	15	15	30	20	21	41	3	2	5	17	16	33	..	3	3
Scarlet Fever.....	9	9	18	28	24	52	37	33	70	4	7	11	26	22	48	7	4	11
Scarlet Fever and Measles.....	..	2	2	1	1	2	1	3	4	..	..	..	1	3	4	..	..	..
Whooping Cough.....	..	..	..	2	..	2	2	..	2	..	..	..	2	..	2	..	..	..
Diphtheria.....	..	..	..	28	35	63	28	35	63	9	9	18	14	17	31	5	9	14
Total patients.....	25	31	56	138	122	260	163	153	316	30	27	57	105	93	198	28	33	61
Suspects.....	3	2	5	10	1	11	13	3	16	3	..	3	10	3	13	..	..	..
Accompanying.....	..	3	3	1	55	56	1	58	59	..	..	..	1	47	48	..	11	11
Grand total.....	28	36	64	149	178	327	177	214	391	33	27	60	116	143	259	28	44	72

REPORT OF BUREAU OF RECORDS.

	1893.	1892.	1891.	1890.	1889.
Number of deaths in the City of New York during the quarter ending September 30.....	11,318	12,181	11,140	10,468	10,491
Death-rate for quarter, estimated on average population for quarter.....	23.83	26.55	26.41	25.57	26.60

QUARTER ENDING SEPTEMBER 30, 1893.	Certificates Received and Tabulated.	Increase over Previous Quarter.	Decrease from Previous Quarter.	Annual rate per 1,000, Population, Esti- mated at 1,899,574.	Burial Permits Issued.	Transit Permits Issued.	Coroners' Cases.	Searches Made.	Transcripts Issued.
Marriages.....	3,608	....	630	7.60	.....	.....	.....	373	187
Births.....	14,307	3,121	....	30.13	.....	.....	.....	280	147
Deaths.....	11,318	....	637	23.88	11,338	194	1,288	2,041	1,924
Still-births.....	875	....	91	1.84	875	....	....	....	....

Actual number of deaths in institutions during quarter ending September 30, 1893..... 2,525
 " tenement-houses during quarter ending September 30, 1893..... 7,573
 " dwellings during quarter ending September 30, 1893..... 961
 " hotels during quarter ending September 30, 1893..... 85
 " rivers, streets, etc., during quarter ending September 30, 1893..... 174

The deaths for the quarter were 11,318, being less than the number for the corresponding quarters of 1891 or 1892, and the death-rate, 23.83, being lower than that of either of the four immediately preceding years and remarkably low for the summer quarter which usually furnishes the highest death-rate of the year.

The decrease in the number of deaths, as compared with 1892, a difference of 863, was mainly due to a decrease of 248 in the deaths from diarrhoeal diseases, of 192 from diseases of the respiratory organs, of 260 from sunstroke, and of 301 from accident; the only considerable increases being 118 in the deaths from diphtheria and 38 from heart diseases. The number of suicides, however, was unusually large, viz.: 90, against 74 in 1892, and an average of 58 for the five years preceding. This increase can probably be charged to the financial crisis, as there was no marked increase during the first half of the year.

Contagious and infectious diseases, as a whole, decreased, as compared with 1892, the only exceptions being diphtheria and typhus fever. The corresponding figures for 1893 and 1892 are as follows: Diphtheria, 383 against 265; typhoid fever, 98 against 162; measles, 88 against 155; scarlet fever, 63 against 77; small-pox, 23 against 26; whooping-cough, 123 against 141, and typhus fever, 7 against 0, making a total of 785 against 826. The decrease of typhoid fever, one of the touchstones of sanitation, is especially gratifying, showing, as it does, a death-rate of only .21 per 1,000 against a five-year average of .36, a decrease of more than 40 per cent.

Among other important causes of death phthisis holds the first rank. The deaths from this disease were 1,144, being less than in any one of the last five years, and giving a death-rate of 2.41 against a five-year average of 2.84.

The deaths of children under five years of age numbered 5,867 against 6,200 for 1892, representing a death-rate (estimated on the total population) of 12.35 against a five-year average of 13.23. The deaths of the aged, sixty-five years old and upward, numbered 859 against 964, with a death-rate of 1.81 against a five-year average of 2.02.

The births for the quarter show a marked increase as compared with 1892, viz.: 14,307 against 12,433, while the number of marriages reported was almost precisely the same as in 1892, viz.: 3,608 against 3,607.

Particulars Regarding Births, Deaths, Marriages and Still-births Reported for Quarter ending September 30, 1893.

	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 UTEROGESTATION.												
																							1	2	3	4	5	6	7	8	9	10	Not Stated.		
Marriages.....	3,608	3,534	3,535	74	73	3,103	3,199	505	409	1	2	3	4	5	6	7	8	9	10	Not Stated.	
Births.....	14,307	7,219	6,919	87	82	1,778	1,738	4,390	4,179	1,006	953	132	131	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	17	42	75	114	126	145	352	2	..
Deaths.....	11,338	5,929	5,115	171	123	1,124	953	3,778	3,266	782	722	416	297	4,274	3,392	1,339	1,114	423	717	64	15	135	..	..	..	..	..	..	..	..	..	..	..
Still-births.....	*875	506	342	8	15	112	96	281	189	71	44	50	28	.....	.....	.....	.....	.....	.....	.....	.....	.....	..	2	17	42	75	114	126	145	352	2	..

* Sex undetermined, 4.

Actual Deaths from Zymotic and Certain other Preventable Diseases, by Wards,* for Quarter ending September 30, 1893.

WARDS.	AREA IN ACRES.	Cerebro-spinal Meningitis.	Diphtheria.	Typhoid Fever.	Erysipelas.	Malarial Fevers.	Measles.	Scarlet Fever.	Small-pox.	Typhus Fever.	Whooping Cough.	Diarrhoeal Diseases.	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	3	6	1	..	..	..	1	..	..	..	20	..	16	2	..	6	..	2	8	..	130	20	24	44
Second.....	81	..	..	..	..	..	..	..	..	..	..	1	..	2	..	..	..	..	..	1	..	13	..	3	3
Third.....	95	..	..	..	..	..	..	1	..	..	..	3	..	2	..	..	1	..	..	3	..	25	7	6	13
Fourth.....	83	3	1	1	..	1	2	..	12	..	1	33	..	26	8	2	23	1	3	13	..	201	..	61	61
Fifth.....	168	1	1	1	..	..	1	..	..	..	1	22	..	9	3	..	12	3	..	8	..	100	2	16	18
Sixth.....	86	..	6	..	..	1	..	..	4	..	2	24	..	33	7	1	11	2	2	9	..	165	2	30	32
Seventh.....	198	5	9	4	..	..	4	2	2	1	3	77	1	41	4	1	61	3	1	21	..	420	8	80	88
Eighth.....	183	2	9	4	1	1	3	..	..	..	2	61	2	30	8	2	15	1	1	14	..	264	2	51	53
Ninth.....	322	3	15	4	2	2	..	1	..	..	10	74	2	44	3	4	9	4	7	31	..	398	18	57	75
Tenth.....	110	2	17	2	..	..	12	2	1	..	4	88	..	45	10	5	56	3	..	14	..	477	1	101	102
Eleventh.....	196	4	19	5	1	..	4	6	..	..	3	83	..	35	14	4	40	2	3	15	..	458	4	46	50
Twelfth.....	5,504.13	15	128	19	2	10	10	11	1	..	20	501	2	181	44	21	101	14	5	70	2	2,091	216	166	382
Thirteenth.....	107	4	18	2	2	..	8	5	..	1	2	67	..	20	7	8	46	1	1	13	..	341	..	43	43
Fourteenth.....	96	1	5	3	1	1	4	..	..	..	1	41	..	33	17	3	25	4	1	13	..	245	..	44	44
Fifteenth.....	198	2	1	3	..	2	..	..	..	1	2	26	1	19	2	..	7	..	2	9	..	140	3	31	34
Sixteenth.....	348.77	9	5	5	..	1	..	..	..	1	5	69	1	37	3	3	12	3	3	21	..	328	3	59	62
Seventeenth.....	331	3	18	3	1	2	7	2	..	..	4	123	1	72	9	7	44	5	3	43	..	636	2	128	130
Eighteenth.....	449.89	2	15	3	..	2	5	3	..	..	1	70	1	50	9	4	13	2	1	24	..	388	17	83	100
Nineteenth.....	1,480.60	10	50	9	1	4	7	13	..	..	31	418	2	178	19	15	89	13	9	94	..	1,811	506	172	678
Twentieth.....	444	3	16	6	1	..	3	1	..	..	7	112	3	82	19	4	37	10	4	40	..	640	8	102	110
Twenty-first.....	411	6	10	5	2	3	8	3	..	..	2	86	..	47	10	4	23	3	11	38	..	449	47	70	117
Twenty-second.....	1,529.42	13	16	14	..	2	9	3	3	..	14	255	4	87	22	10	56	8	7	58	..	1,055	64	119	183
Twenty-third.....	4,267.023	3	12	3	..	9	1	8	..	3	8	127	1	47	6	1	19	4	1	23	..	487	28	40	68
Twenty-fourth.....	8,050.323	2	6	1	..	3	..	1	..	..	..	20	..	8	..	..	3	..	..	6	..	116	32	3	35
Total.....	24,893.156	96	383	98	14	44	88	63	23	7	123	2,401	21	1,144	226	99	709	86	67	589	2	11,318	990	1,535	2,525

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

Actual Deaths by Certain Diseases, According to Nativity of Deceased, of Parents of Deceased, and Color, for Quarter Ending September 30, 1893.

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	78	47	27	158	59	1,014	1,384	155	29	169	70	26	7,771	156	175	288	157	21	213	80	1,954	2,611	593	72	581	95	42	2,071	324	1,504	712	11,318	294
Diphtheria.....	2	..	..	2	..	7	2	1	1	6	1	..	355	3	3	21	4	..	8	2	60	54	15	4	23	3	..	89	11	81	8	383	4
Measles	1	..	..	..	..	1	..	..	..	1	..	..	84	1	..	7	1	..	1	2	5	8	11	..	19	1	..	12	3	16	2	88	1
Scarlatina .....	..	..	..	1	..	..	1	..	..	1	..	..	53	1	6	4	1	..	3	..	3	8	..	..	5	..	..	10	5	12	12	63	..
Diarrhoeal Diseases.....	1	3	..	7	3	52	97	8	..	11	7	1	2,161	9	41	56	53	6	34	17	357	360	133	10	148	13	11	534	69	497	103	2,401	56
Cancer.....	10	3	..	9	1	87	51	6	3	10	6	3	70	6	..	11	3	..	9	1	85	62	4	3	10	6	3	35	6	8	19	265	5
Insanity.....	2	2	..	5	1	12	3	..	1	..	1	..	16	3	..	1	2	..	8	1	17	4	..	..	..	1	..	5	2	2	3	46	1
Heart Diseases.....	8	2	2	14	11	110	138	10	4	12	6	1	190	12	3	9	3	3	14	11	123	187	10	5	10	7	2	63	14	26	36	523	20
Phthisis.....	8	14	4	22	8	138	254	42	4	30	13	6	558	38	5	12	14	2	21	8	229	453	48	6	33	11	4	142	38	70	53	1,144	53
Pneumonia	3	3	1	7	6	39	90	13	3	13	3	..	503	9	16	31	11	1	9	6	98	158	72	8	79	4	..	107	20	65	40	709	8
Cirrhosis of Liver and Hepatitis.....	3	2	..	3	..	21	37	4	..	5	..	..	36	1	1	3	2	..	2	..	21	49	5	..	5	..	..	15	..	4	7	113	1
Bright's Disease and Nephritis.....	6	4	3	17	7	99	175	4	2	10	6	3	235	13	5	6	4	1	18	5	112	242	4	3	11	5	2	81	13	33	49	589	16
Old age .....	..	2	..	2	1	26	55	..	1	3	2	..	28	1	..	..	2	..	3	1	24	53	..	1	3	3	..	15	1	5	10	121	5
Alcoholism	1	..	..	2	..	6	20	..	..	..	1	..	35	2	..	1	..	..	1	..	6	44	..	..	..	1	..	4	..	3	7	67	..
Sunstroke.....	..	..	..	1	..	3	9	..	1	1	..	..	16	..	..	..	..	..	..	..	8	12	..	1	1	1	..	4	..	1	3	31	2
Homicide.....	..	..	..	1	..	2	1	1	..	..	..	..	7	..	..	..	..	..	1	..	3	4	1	..	..	..	..	..	..	1	2	12	..
Suicide.....	..	2	3	3	..	43	9	1	..	2	4	1	17	4	1	1	2	2	2	..	45	11	1	..	2	5	1	8	4	3	3	90	..
Inanition, Atrophy, Marasmus.....	..	..	..	..	..	..	..	..	..	..	..	..	459	..	40	7	5	..	3	2	42	53	21	3	15	1	..	120	12	85	130	499	17
Other Causes.....	33	10	14	62	21	368	442	65	9	64	20	11	2,948	53	54	118	50	6	76	24	716	849	268	28	217	33	19	827	126	592	225	4,174	105
Died in institutions.....	26	10	7	64	29	310	556	42	9	78	28	10	1,162	66	128	34	10	4	60	23	325	756	53	17	119	26	8	295	68	183	544	2,525	102

Deaths from Surgical Operations during Quarter ending September 30, 1893.

Amputation of foot for gangrene.....	1	Operation for appendicitis.....	2	Operation for strangulated hernia.....	1
Amputation of leg for gangrene.....	2	Operation for cancer, shock.....	1	Operation for strangulated femoral hernia.....	1
Circumcision, erysipelas.....	1	Operation for cancer of uterus.....	1	Operation for stricture of urethra.....	1
Colecystomy.....	1	Operation for disease of kidneys.....	1	Operation for salpingitis.....	1
Coeliotomy.....	1	Operation for fibroid tumor of uterus.....	2	Operation for tubercular bladder.....	1
Hysterectomy.....	2	Operation for fistula.....	1	Operation for tubercular hip joint.....	1
Hysterectomy for ovarian cyst.....	1	Operation for faecal fistula.....	2	Operation for tuberculous lymphoma.....	1
Hysterectomy for peritonitis.....	1	Operation for hæmorrhagic cystitis, uræmia.....	1	Operation for tubo-ovarian disease.....	1
Laparotomy.....	2	Operation for malignant papilloma, shock.....	1	Operation for vesical calculi.....	1
Laparotomy for cancer of uterus, hæmorrhage, shock.....	1	Operation on uterus.....	1		
Laparotomy for cyst of broad ligament.....	1	Operation for ovarian cyst.....	1	Total.....	41
Laparotomy for ovarian cyst.....	1	Operation for ovarian cyst, septicæmia.....	1		
Operation for abdominal pregnancy.....	1	Operation for retention of urine.....	1		

*Comparative Table of Mortality from the Principal Causes of Death in the Third Quarter of the Year 1893, with the Corresponding Quarter of the Preceding Five Years.

CAUSES OF DEATH.	THIRD QUARTER, 1893.				1888.	1889.	1890.	1891.	1892.	Total for Five Years Preceding 1893.	Average for Five Years Preceding 1893.	Average Death-rate for same Period on Average Population.	Death-rate for Third Quarter 1893, Average Population.
	July.	August.	September.	Total.									
Total, all causes	4,725	3,562	3,031	11,318	10,815	10,491	10,468	11,140	12,181	55,095	11,019.0	25.69	23.83
Cerebro-spinal Meningitis.....	52	25	19	96	26	29	34	44	62	195	39.0	.09	.20
Diphtheria	158	105	120	383	331	249	224	277	265	1,346	269.2	.63	.81
Enteric Fever.....	21	35	42	98	159	159	144	150	162	774	154.8	.36	.21
Erysipelas.....	8	2	4	14	17	16	18	13	25	89	17.8	.04	.03
Malarial Fevers.....	12	22	10	44	72	76	51	67	50	316	63.2	.15	.09
Measles.....	36	35	17	88	177	29	128	100	155	589	117.8	.27	.19
Scarlatina	33	19	11	63	229	51	53	224	77	634	126.8	.30	.13
Small-pox.....	2	2	19	23	2	....	....	....	26	28	5.6	.01	.05
Whooping-cough.....	45	44	34	123	233	159	168	60	141	761	152.2	.35	.26
Typhus Fever.....	7	....	....	7	....	....	....	....	....	....	....	....	.01
Yellow Fever.....	....	....	....	....	1	....	....	....	....	1	.2	.0005	....
Asiatic Cholera.....	....	....	....	....	....	....	....	....	9	9	1.8	.004	....
Cholera Morbus	25	15	11	51	54	74	46	50	74	298	59.6	.14	.11
Other Diarrhoeal Diseases.....	1,358	605	387	2,350	2,447	2,411	2,168	2,395	2,575	11,996	2,399.2	5.59	4.95
Other Zymotic Diseases.....	10	6	15	31	58	37	39	31	34	199	39.8	.09	.07
Cancer.....	98	97	70	265	181	230	231	214	256	1,112	222.4	.52	.56
Rheumatism.....	8	8	5	21	41	25	34	29	24	153	30.6	.07	.04
Phthisis	393	418	333	1,144	1,171	1,284	1,265	1,207	1,158	6,085	1,217.0	2.84	2.41
Other Constitutional Diseases	108	108	90	306	88	262	274	304	327	1,255	251.0	.59	.64
Apoplexy.....	102	87	72	261	181	188	181	234	276	1,060	212.0	.49	.55
Convulsions.....	58	58	37	153	113	158	127	122	118	638	127.6	.30	.32
Meningitis and Encephalitis	119	100	64	283	217	205	230	231	293	1,176	235.2	.55	.60
Other Diseases of Nervous System	74	58	60	192	442	269	227	216	220	1,374	275.8	.64	.40
Aneurism.....	6	....	5	11	13	8	11	12	16	60	12.0	.03	.02
Heart Diseases	198	175	150	523	413	431	411	487	485	2,227	445.4	1.04	1.10
Other Diseases of Circulatory System.....	18	9	10	37	68	25	23	24	24	164	32.8	.08	.08
Bronchitis.....	68	76	82	226	319	305	288	271	270	1,453	290.6	.68	.48
Croup.....	30	41	28	99	94	98	78	107	124	501	100.2	.23	.21
Pneumonia	252	223	234	709	546	513	624	687	810	3,180	636.0	1.48	1.49
Other Diseases of Respiratory System	52	52	27	181	118	76	186	184	203	767	153.4	.36	.38
Gastritis, Gastro-Enteritis, Enteritis and Peritonitis.....	357	233	194	784	565	550	561	583	784	3,043	608.6	1.42	1.65
Cirrhosis of Liver and Hepatitis.....	41	43	30	114	108	104	105	116	103	536	107.2	.25	.24
Other Diseases of Digestive System.....	89	77	72	238	195	168	224	249	295	1,131	226.2	.53	.50
Bright's Disease and Nephritis.....	212	191	186	589	512	564	551	560	577	2,764	552.8	1.29	1.24
Premature and Preterm Births, Cyanosis and Atelectasis....	112	100	88	300	304	264	293	296	303	1,460	292.0	.68	.63
Puerperal Diseases.....	31	33	22	86	89	83	67	80	75	394	78.8	.18	.18
Old Age.....	35	45	41	121	142	133	125	93	130	623	124.6	.29	.25
Alcoholism	20	32	15	67	64	55	66	80	115	380	76.0	.18	.14
Sunstroke.....	20	10	1	31	31	25	55	60	291	462	92.4	.22	.07
Accident	163	155	119	437	325	312	448	537	738	2,360	472.0	1.10	.92
Homicide.....	7	2	3	12	9	17	16	15	10	67	13.4	.03	.03
Suicide.....	26	22	42	90	48	51	58	61	74	292	58.4	.13	.19
Under one month	327	269	189	785	745	771	774	800	813	3,903	780.6	1.82	1.65
One month, and under one year	1,736	883	716	3,335	3,228	3,154	2,990	3,222	3,535	16,129	3,225.8	7.52	7.02
Total under five years.....	2,796	1,686	1,385	5,867	5,780	5,315	5,314	5,756	6,200	28,365	5,673.0	13.23	12.35
Sixty-five years and over.....	333	280	246	859	860	859	855	800	964	4,338	867.6	2.02	1.81
Males	2,537	1,899	1,650	6,086	....	5,551	5,618	5,999	6,623	....	....	....	12.81
Females	2,188	1,663	1,381	5,232	....	4,940	4,850	5,141	5,558	....	....	....	11.02
Colored	126	98	70	294	263	236	242	227	261	1,229	245.8	.57	.62

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

Deaths of Persons 100 years and over, Quarter ending September 30, 1893.

DATE.	NAME.	AGE.	NATIVITY.	CAUSE OF DEATH.
July 3.....	Ann Morgan.....	100.....	Ireland.....	Old age.

Interments of Deceased Persons during Quarter ending September 30, 1893.

LOCATION OF INTERMENTS.	1893.	1888.	1889.	1890.	1891.	1892.	AVERAGE FOR FIVE YEARS PRECEDING 1893.
City Cemetery	1,236	1,007	1,047	1,075	1,053	1,202	1,076.8
Cemeteries outside of New York City.....	9,717	9,374	9,121	9,046	9,775	10,633	9,589.8
Cemeteries inside of New York City	385	461	392	438	368	428	417.4
Ward's Island*.....	....	32	15	....	....	....	9.4
Total interments	11,338	10,842	10,560	10,559	11,196	12,263	11,084.0
Percentage of Pauper Burials to total.....	10.90	9.29	9.92	10.18	9.40	9.80	9.71

* Immigrant's Hospital and Cemetery now abandoned.

Deaths by Suicide during Quarter ending September 30, 1893.

NATIVITY.	CUTS AND STABS.		GUNSHOTS.		HANGING.		LEAPS.		DROWNING.		MORPHINE.		OPIUM.		ILLUMINATING GAS.		PARIS GREEN.		ARSENIC.		CARBOLIC ACID.		HYDROCYANIC ACID.		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.	
Bohemia.....	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	2	..	2
British America.....	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	..	2	1	3
England.....	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	2	1	3
Germany.....	3	1	17	1	5	1	..	1	1	..	..	..	..	..	1	2	..	4	..	3	3	..	..	..	35	8	43
Ireland.....	1	..	..	..	3	1	..	..	1	..	..	..	..	..	..	..	1	2	..	..	..	..	..	..	7	2	9
Italy.....	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
Russia.....	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	2	..	2
Scotland.....	..	..	1	..	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	..	4
Switzerland.....	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
Other foreign countries.....	..	..	1	1	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	3	1	4
United States.....	1	..	7	1	1	1	1	..	..	..	..	1	..	..	3	..	..	..	..	..	..	1	..	..	14	3	17
Unknown.....	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
Total.....	5	1	30	3	15	4	1	1	2	..	..	1	1	..	4	1	4	2	7	..	3	4	1	..	73	17	90

Ages of Suicides.

NATIVE.		FOREIGN.		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.	
14	3	59	14	7	3	42	8	19	3	5	3	73	17	90

Deaths from Accident and Negligence during Quarter ending September 30, 1893.

Fractures and contusions—	Falls—	Poison by—	Killed by horse.....
Not defined..... 10	From elevated railroad train..... 1	Chloral..... 1	Wounds of right carotid artery..... 1
At fire No. 916 Eighth avenue..... 1	“ tree..... 1	Carter's Iron Pills..... 1	Bite of insect..... 1
Crushed by truck..... 2	“ ship..... 1	Irritant..... 1	While bathing..... 1
“ elevators..... 2	In streets..... 6	Illuminating gas, No. 302 Broome street..... 1	Rusty nail..... 1
Caving-in of embankment..... 1	“ room..... 1	“ St. Vincent's Hospital..... 1	Incised of foot..... 1
Derrick falling..... 2	Into cellar..... 1	Laudanum..... 1	Of foot..... 1
Fall with telegraph pole..... 1	“ hold of vessel..... 1	Lead..... 1	Gunshot..... 1
Struck by falling box..... 1	Down stairs..... 7	Opium..... 1	By falling through pane of glass..... 1
“ wagon pole..... 1	“ elevator shafts..... 2	Paris green..... 1	“ broken glass..... 2
“ falling object..... 1	Over hand truck..... 1	Toadstools..... 6	Of finger..... 1
“ “ iron..... 1	On steps..... 1	Run over by street vehicles—	Homicide—
“ truck..... 1	Drowning..... 82	Wagons, carts, carriages, etc..... 20	By blows..... 6
“ wagon while jumping from car..... 1	Burns—	Fire-engine..... 1	“ infanticide, foreign body in throat..... 1
“ base ball..... 1	Not defined..... 11	Struck by lightning..... 1	“ pistol..... 4
“ elevator shaft..... 1	By clothes fired..... 8	Killed by railroads—	“ stab..... 1
“ rock-blast..... 2	“ explosion of benzine..... 1	New York Central and Hudson River Railroad..... 7	Recapitulation—
While diving at Coney Island..... 1	“ “ kerosene..... 3	New York and New Haven Railroad..... 4	Fractures and contusions..... 34
“ “..... 1	“ “ naphtha..... 1	New York and Northern Railroad..... 1	Falls..... 125
By machinery..... 3	“ lighted matches..... 2	Elevated Railroad train..... 3	Drowning..... 82
Falls—	At fire No. 62 Bank street..... 1	Broadway Cable car..... 4	Burns..... 29
Not defined..... 25	“ No. 10 Rutgers place..... 1	Tremont Trolley car..... 1	Scalds..... 9
From buildings..... 4	“ No. 433 West Fifty-fourth street..... 1	Electric Boston Avenue car..... 1	Poison..... 21
“ bed..... 2	Scalds—	Electric car..... 1	Run over by street vehicles..... 21
“ balcony..... 1	Not defined..... 1	Delancey Street car..... 1	Killed by railroads..... 27
“ bridge..... 1	By bursting cylinder..... 1	East Broadway car..... 1	Struck by lightning..... 1
“ chair..... 1	“ hot soup..... 1	Forty-second Street car..... 1	Suffocation..... 2
“ windows..... 42	“ hot water..... 5	Second Avenue car..... 1	Criminal abortion..... 1
“ scaffolds..... 4	While taking a bath..... 1	Eighth Avenue car..... 1	Sunstroke..... 31
“ ladders..... 2	Poison by—	Suffocation—	Kick by horse..... 2
“ roofs..... 7	Ammonia..... 1	At fire No. 381 Broome street..... 1	Wounds..... 11
“ fire-escapes..... 9	Alcohol..... 1	In bed..... 1	Surgical operations..... 41
“ toy wagon..... 1	Chloroform (operation)..... 2	Criminal abortion..... 1	Total accident and negligence..... 437
“ steps..... 1	Carbolic acid..... 1	Sunstroke..... 31	
“ wagon, truck..... 2	Cresolene..... 1		

Births and Birth-rate by Sex during Quarter ending September 30, 1893.

MONTHS.	NUMBER OF BIRTHS REGISTERED	BIRTH-RATE PER 1,000.	MALES.	FEMALES.	PER-CENTAGE OF MALES TO TOTAL.	PERCENTAGE OF FEMALES TO TOTAL.
July.....	4,662	29.45	2,414	2,248	51.78	48.22
August.....	5,015	31.68	2,531	2,484	50.47	49.53
September.....	4,630	29.25	2,361	2,269	50.99	49.01
Total.....	14,307	30.13	7,306	7,001	51.07	48.93

Deaths and Death-rate by Sex during Quarter ending September 30, 1893.

MONTHS.	NUMBER OF DEATHS.			DEATH-RATE PER 1,000 OF ESTIMATED POPULATION.		
	Male.	Female.	Total.	Male.	Female.	Total.
July.....	2,537	2,188	4,725	16.03	13.82	29.85
August.....	1,899	1,663	3,562	12.00	10.51	22.51
September.....	1,650	1,381	3,031	10.42	8.72	19.15
Total.....	6,086	5,232	11,318	12.81	11.02	23.83

Deaths by Age and Sex and Percentage of each Age Period to Total Mortality during Quarter ending September 30, 1893.

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.....	1,108	955	584	568	465	440	2,157	1,963	9.79	8.44	5.16	5.02	4.11	3.89	19.06	17.34
1 to 5 years.....	385	348	289	245	252	228	926	821	3.40	3.07	2.55	2.16	2.23	2.01	8.18	7.25
5 to 10 ".....	53	62	59	37	41	35	153	134	0.47	0.55	0.52	0.33	0.36	0.31	1.35	1.18
10 to 15 ".....	18	22	20	15	28	21	66	58	0.16	0.19	0.18	0.13	0.25	0.19	0.58	0.51
15 to 20 ".....	38	28	37	41	40	21	115	90	0.34	0.25	0.33	0.36	0.35	0.19	1.02	0.80
20 to 25 ".....	76	60	67	74	89	58	232	192	0.67	0.53	0.59	0.65	0.79	0.51	2.05	1.70
25 to 35 ".....	219	149	198	161	169	135	586	445	1.93	1.32	1.75	1.42	1.49	1.19	5.18	3.93
35 to 45 ".....	198	135	197	136	170	115	565	386	1.75	1.19	1.74	1.20	1.50	1.02	4.99	3.41
45 to 55 ".....	172	117	171	140	151	100	494	357	1.52	1.03	1.51	1.24	1.33	0.88	4.36	3.15
55 to 65 ".....	121	128	128	115	123	104	372	347	1.07	1.13	1.13	1.02	1.09	0.92	3.29	3.07
65 to 75 ".....	102	103	102	74	83	70	287	247	0.50	0.91	0.90	0.65	0.73	0.62	2.54	2.18
75 and over.....	47	81	47	57	39	54	133	192	0.42	0.72	0.42	0.50	0.34	0.48	1.18	1.70
Total.....	2,537	2,188	1,899	1,663	1,650	1,381	6,086	5,232	22.41	19.33	16.77	14.69	14.58	12.20	53.77	46.23

Ages of Bridegrooms and Brides during Quarter ending September 30, 1893.

AGES OF BRIDEGROOMS—YEARS.	AGES OF BRIDES—YEARS.																	Total Bridegrooms.
	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	65 to 70	70 to 75	Unspecified.	
18.....	1	1	1	2	1	..	..	..	..	..	..	..	..	..	..	..	..	6
19.....	3	8	7	5	3	2	..	..	..	..	..	..	..	..	..	..	..	28
20.....	3	5	26	16	22	16	3	..	..	..	..	..	..	..	..	..	..	91
21 to 25.....	9	54	144	176	256	475	74	9	3	3	1	..	..	..	..	..	2	1,206
25 to 30.....	8	38	51	103	134	425	299	48	15	2	..	..	..	..	..	..	1	1,124
30 to 35.....	1	8	16	22	32	147	178	101	27	6	3	1	..	..	..	..	2	544
35 to 40.....	..	1	4	9	7	54	76	49	37	8	1	1	..	..	..	..	..	247
40 to 45.....	..	1	..	..	4	20	36	37	27	16	7	1	1	..	..	..	1	151
45 to 50.....	..	..	1	..	..	6	19	16	19	11	11	4	..	1	..	..	..	88
50 to 55.....	..	..	..	..	..	6	7	8	11	12	6	4	1	..	..	..	..	55
55 to 60.....	..	..	..	..	1	1	3	4	5	7	4	3	..	..	..	..	..	33
60 to 65.....	..	..	..	..	..	1	..	4	2	1	2	2	3	..	..	..	..	15
65 to 70.....	..	..	..	..	..	..	1	1	1	2	2	1	1	..	1	..	..	10
70 to 75.....	..	..	..	..	..	1	..	..	..	1	1	..	..	..	1	1	..	5
75 to 80.....	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1
Unspecified.....	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	2	4
Total brides.....	25	116	250	333	460	1,156	696	277	147	68	41	18	9	1	2	1	8	3,608

Former Condition of Persons Married.

	JULY.	AUGUST.	SEPTEMBER.	TOTAL.	PERCENTAGE TO TOTAL.
Bachelors and spinsters.....	806	1,058	1,007	2,871	79.57
Bachelors and widows.....	56	75	66	197	5.46
Widowers and spinsters.....	102	93	106	301	8.34
Widowers and widows.....	60	83	59	202	5.60
Widowers and unknown.....	..	..	1	1	.03
Condition unknown.....	..	..	1	1	.03
Divorced.....	7	18	10	35	.97
Total.....	1,031	1,327	1,250	3,608	..

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.....	1,031	2,062	6.51	13.03
August.....	1,327	2,654	8.38	16.77
September.....	1,250	2,500	7.90	15.79
Total.....	3,608	7,216	7.60	15.20

HEALTH DEPARTMENT,
No. 301 MOTT STREET,
NEW YORK, August 29, 1893.

JOHN T. NAGLE, M. D., Register of Records:

SIR—I have the honor to submit the following report upon the distribution of deaths from tuberculous diseases in this city during the past five years.

The object of the investigation has been to see if the deaths taken en masse furnish any indication of the infectious character of these diseases, and if so, whether the inspection of the places where such deaths occur, which was begun in the second quarter of 1890, has resulted in any diminution of infection.

It must be admitted at the start that a period of only five years is too short to give us any sure conclusion, as the average duration of a case of tuberculous disease, with the exception of tuber-

cular meningitis, is from one to two years; but even with this limitation the result may be interesting, and the deaths by street and number are all that we have to go by.

The total number of deaths from tuberculous diseases, during the period under consideration, is given in the following table. Under the heading, "Other Tuberculous Diseases" are included tubercular diseases of the joints, intestinal tuberculosis, tabes mesenterica, and all cases reported as hip diseases; spinal diseases and psoas and lumbar abscess, although usually tuberculous, have not been included on account of the vagueness of the report of many such cases.

Total Deaths from Tuberculous Diseases for 1888-1892, inclusive.

YEAR.	PHTHISIS.	TUBERCULAR MENINGITIS.	OTHER TUBERCULOUS DISEASES.	TOTAL.
1888.....	5,260	524	226	6,010
1889.....	5,179	574	239	5,992
1890.....	5,492	598	282	6,372
1891.....	5,160	614	306	6,080
1892.....	5,033	634	360	6,027
Total.....	26,124	2,944	1,413	30,481

Many of these deaths could not be referred to the residence of the patient, and therefore were useless for the purpose of this report. Such were deaths in institutions, where the residence before admission was not given in the certificate of death, deaths of newly arrived immigrants, deaths for which the residence as given was too indefinite to enable the house to be identified in successive years, e. g. corner Broome and Hudson streets; One Hundred and Fiftieth street, between Tenth and Eleventh avenues, etc. After eliminating all such cases, and also all tuberculous deaths at No. 11 Pell street and No. 20 Mott street, occupied as Chinese hospitals, in which almost every death was from phthisis, we have remaining a list of deaths, with the address of the deceased in each case, which can be utilized in trying to determine the questions before us.

The total of such cases is as follows:

YEAR.	PHTHISIS.	TUBERCULAR MENINGITIS.	OTHER TUBERCULOUS DISEASES.	TOTAL.
1888.....	4,468	466	218	5,152
1889.....	4,444	534	181	5,159
1890.....	4,749	567	204	5,520
1891.....	4,617	580	307	5,504
1892.....	4,495	597	317	5,409
Total.....	22,773	2,744	1,227	26,744

This number constitutes nearly 88 per cent of all the deaths from tuberculous diseases during the five years.

With regard to the first point to be investigated, that of the infectious character of the disease, the following points are of interest :

1. Are the ravages of tuberculous disease confined to a comparatively small portion of the dwellings within the city limits, or is the disease well distributed?
2. What proportion of the houses have had deaths in but one year of the past five, and what proportion in more than one year?
3. What is the average number of deaths per house in these two classes, respectively?
4. Is the proportion of apparently infected houses markedly greater in some parts of the city than in others, and if so, do the older houses appear to be worse infected than the newer ones?

With regard to these points, the following tables have been prepared :

Total number of dwellings (United States Census, 1890), with the number in which tuberculous deaths occurred, from 1888-1892, inclusive :

Total number of dwellings.....	81,828
Number of dwellings in which deaths occurred from tuberculous diseases.....	18,771
Percentage of total.....	22.94

Thus, during the entire five years, less than 25 per cent. of the dwellings in the city have had deaths from tuberculous disease.

Total number of houses, with the number of houses having deaths only one year of the five, and the number having deaths in more than one year :

Total houses.....	81,828
Houses with deaths in only one year.....	14,479
Houses with deaths in more than one year.....	4,292
Percentage on total deaths—	
One year.....	17.69
More than one year.....	5.24

Thus only 5¼ per cent. of the dwellings in the city showed any evidence of infection by a repetition of tuberculous disease in years subsequent to the first.

Total number of houses in which deaths occurred in only one year of the five, with total number of deaths in the same, and also those in which deaths occurred in more than one year with deaths in same :

Houses with deaths in one year.....	14,479
Total deaths in same.....	15,511
Deaths per house.....	1.07
Houses with deaths in more than one year.....	4,292
Deaths in same.....	11,233
Deaths per house.....	2.61

Thus the number of deaths per house was slightly more than twice as great in houses in which deaths occurred in more than one year of the five ; in fact about two and one-half times as great, but as there were deaths in every one of these houses during two years at least it cannot be said that they show any greater intensity of infection. By comparing figures already given it will be found that 42 per cent. (11,233 out of 26,744) of the deaths from tuberculous disease occurred in 23 per cent. of the affected houses, and in 5¼ per cent. of the total number of dwellings in the city (4,292 out of 81,828).

To answer the fourth question the following table has been prepared, in which the percentage of houses in which deaths occurred in more than one year is calculated for the different wards of the city, using the figures of the United States Census of 1890 as a basis :

WARD.	NUMBER OF HOUSES.	AVERAGE NUMBER OF FAMILIES TO A DWELLING.	NUMBER OF HOUSES IN WHICH TUBERCULOUS DEATHS WERE REPORTED IN MORE THAN ONE YEAR.	PERCENTAGE OF SAME ON TOTAL.
First.....	736	3.09	82	11.14
Second.....	94	1.34	2	2.13
Third.....	198	2.35	9	4.55
Fourth.....	725	4.92	113	15.59
Fifth.....	666	3.73	53	7.96
Sixth.....	741	5.50	119	16.06
Seventh.....	2,113	5.48	192	9.09
Eighth.....	1,739	3.85	127	7.30
Ninth.....	3,557	3.35	154	4.33
Tenth.....	1,496	7.85	174	11.63
Eleventh.....	2,400	6.73	244	10.17
Twelfth.....	15,141	3.31	410	2.71
Thirteenth.....	1,431	6.69	119	8.32
Fourteenth.....	899	6.46	132	14.68
Fifteenth.....	1,876	2.44	92	4.90
Sixteenth.....	3,236	3.21	153	4.73
Seventeenth.....	3,689	6.43	371	10.06
Eighteenth.....	3,373	3.56	205	6.08
Nineteenth.....	12,261	3.75	464	3.78
Twentieth.....	4,171	4.57	369	8.85
Twenty-first.....	4,003	3.03	211	5.27
Twenty-second.....	7,766	4.27	449	5.78
Twenty-third.....	6,242	1.84	45	.72
Twenty-fourth.....	3,275	1.14	3	.09
Total.....	81,828	3.82	4,292	5.24

In the following table the wards are arranged in order from the highest percentage to the lowest of houses in which deaths were reported in more than one year and according to number of families to each house.

WARD.	PERCENT OF INFECTED HOUSES.	WARD.	NUMBER OF FAMILIES TO EACH HOUSE.	LIST NUMBER.
Sixth.....	16.06	Tenth.....	7.85	1
Fourth.....	15.59	Eleventh.....	6.73	2
Fourteenth.....	14.68	Thirteenth.....	6.69	3
Tenth.....	11.63	Fourteenth.....	6.46	4
First.....	11.14	Seventeenth.....	6.43	5
Eleventh.....	10.17	Sixth.....	5.50	6
Seventeenth.....	10.06	Seventh.....	5.48	7
Seventh.....	9.09	Fourth.....	4.92	8
Twentieth.....	8.85	Twentieth.....	4.57	9
Thirteenth.....	8.32	Twenty-second.....	4.27	10
Fifth.....	7.96	Eighth.....	3.85	11
Eighth.....	7.30	Nineteenth.....	3.75	12

WARD.	PERCENT OF INFECTED HOUSES.	WARD.	NUMBER OF FAMILIES TO EACH HOUSE.	LIST NUMBER.
Eighteenth.....	6.08	Fifth.....	3.73	13
Twenty-second.....	5.78	Eighteenth.....	3.56	14
Twenty-first.....	5.27	Ninth.....	3.35	15
Fifteenth.....	4.90	Twelfth.....	3.31	16
Sixteenth.....	4.73	Sixteenth.....	3.21	17
Third.....	4.55	First.....	3.09	18
Ninth.....	4.33	Twenty-first.....	3.03	19
Nineteenth.....	3.78	Fifteenth.....	2.44	20
Twelfth.....	2.71	Third.....	2.35	21
Second.....	2.13	Twenty-third.....	1.84	22
Twenty-third.....	.72	Second.....	1.34	23
Twenty-fourth.....	.09	Twenty-fourth.....	1.14	24

It will be noticed that the percentage of infected houses does not correspond with the average number of families to a house, e.g. Ward 6, which has the largest percentage of infected houses is No. 6 in the average of families to a house, while Ward 10, which leads the column of wards arranged according to the average number of families to a house, i.e. is the most crowded, is No. 4 in the list of percentages of houses infected. A careful comparison of the two columns will show that, as a rule, the prevalence of tuberculous disease in a ward depends much more upon what may be called the age of the ward, i.e. the length of time that has elapsed since it became built over, than upon the size or crowding of the houses, i.e. the average number of families to a house. In short, the prevalence of these diseases varies not with the density of the population, but nearly with the age of the houses.

With regard to the second point selected for investigation, i.e. whether there has been, within the five years, any diminution of infection in these houses, the following points will now be taken up seriatim :

1. Whether the average annual number of deaths per house from tuberculous disease has increased or decreased during the five years.
2. Whether the proportion of houses in which more than one death has occurred in any one year has increased or decreased.
3. Whether the average number of deaths per house has increased or decreased in houses in which deaths occurred in only one of the five years.
4. Whether the average number of deaths per house has increased or decreased in houses in which there were also deaths in other years.
5. Whether the proportion of houses in which there was a repetition of tuberculous disease in other years has increased or decreased.
6. Whether the proportion of houses has increased or decreased in which deaths occurred in the immediately succeeding year.
7. Whether the proportion of houses has increased or decreased in which deaths occurred within the two immediately succeeding years.
8. Whether the average number of deaths per house has increased or decreased in houses where deaths occurred each year of the five.
9. Whether these houses in which deaths occurred every year of the five are old houses in the older parts of the city, and therefore long exposed to the chances of infection, or otherwise.

In making any comparison of the following tables with those that have preceded, it must be borne in mind that the first series of tables comprised separate houses, the same house not being counted twice ; e.g. the 4,292 houses are all distinct from each other, while in the subsequent tables, where a comparison is made by years, the same house is counted over again year by year, unless otherwise stated ; e.g. the 4,726 houses for 1889 include many houses which were also included in the 4,649 of 1888. As the total number of separate houses, as already given, was 18,771 and the total number as given by years is 24,301, it is evident that in the subsequent tables there are 5,530 such repetitions of houses already counted once.

I.

Total number of houses in which deaths occurred from tuberculous disease in each year, and the number of deaths with the average number of deaths per house :

YEAR.	NUMBER OF HOUSES.	NUMBER OF DEATHS.	DEATHS PER HOUSE.
1888.....	4,649	5,152	1.1082
1889.....	4,726	5,159	1.0916
1890.....	5,008	5,520	1.1022
1891.....	4,988	5,504	1.1034
1892.....	4,930	5,409	1.0972
Total.....	24,301	26,744	1.1005

The changes from year to year are too slight to base any conclusion upon, although there seems to be a tendency toward a decrease in the average number of cases to a house.

2.

The following gives the houses, classified according to the number of deaths occurring in each house during the same year for the five years :

YEAR.	TOTAL NUMBER HOUSES.	HOUSES WITH 1 DEATH.	HOUSES WITH 2 DEATHS.	HOUSES WITH 3 DEATHS.	HOUSES WITH 4 DEATHS.	HOUSES WITH 5 DEATHS.	HOUSES WITH 6 DEATHS.	TOTAL WITH MORE THAN 1 DEATH.
1888.....	4,649	4,187	424	35	3	..	..	462
1889.....	4,726	4,336	354	29	7	..	..	390
1890.....	5,008	4,539	430	36	2	1	..	469
1891.....	4,988	4,534	400	46	8	..	..	454
1892.....	4,930	4,521	358	35	14	1	1	409
Total.....	24,301	22,117	1,965	181	34	2	1	2,184

The following supplementary table shows the percentage of each of these classes on the total :

YEAR.	PERCENTAGE OF HOUSES WITH—						
	1 Death.	2 Deaths.	3 Deaths.	4 Deaths.	5 Deaths.	6 Deaths.	More than 1 Death.
1888.....	90.06	9.12	.75	.07	..	..	9.94
1889.....	91.75	7.49	.61	.15	..	..	8.25
1890.....	90.63	8.59	.72	.04	.02	..	9.37
1891.....	90.90	8.02	.92	.16	..	..	9.10
1892.....	91.71	7.26	.71	.28	.02	.02	8.29
Total.....	91.02	8.09	.74	.14	.008	.004	8.98

By this table there appears to be a slight diminution as regards the frequency of repetition of deaths in the same house.

3.

The following table shows the average number of deaths per house in houses in which there were deaths from tuberculous disease in only one year out of five :

YEAR.	TOTAL NUMBER OF HOUSES.	TOTAL DEATHS FROM TUBERCULOUS DISEASES.	AVERAGE NUMBER OF DEATHS PER HOUSE.
1888.....	2,750	2,959	1.0760
1889.....	2,751	2,949	1.0719
1890.....	3,040	3,267	1.0747
1891.....	2,957	3,155	1.0669
1892.....	2,981	3,181	1.0671
	14,479	15,511	1.0713

This table shows little change from year to year, but what there is in the direction of decrease.

4.

This table shows for each year the number of houses and the number of deaths in the same, in which there were also deaths in other years, with the average number of deaths to each house.

YEAR.	TOTAL NUMBER OF HOUSES.	NUMBER OF DEATHS FROM TUBERCULOUS DISEASES.	AVERAGE NUMBER DEATHS PER HOUSE.
1888.....	1,889	2,193	1.1548
1889.....	1,975	2,210	1.1189
1890.....	1,968	2,253	1.1448
1891.....	2,031	2,349	1.1566
1892.....	1,949	2,228	1.1432
	9,822	11,233	1.1437

The changes in this table, though slight, are also in the direction of decrease.

5.

The following table shows the number of houses in which deaths from tuberculous diseases occurred for each year, and the percentage of such houses in which deaths occurred also in others of the five years :

YEAR.	TOTAL NUMBER OF HOUSES.	TOTAL IN WHICH DEATHS OCCURRED IN OTHER YEARS.	PERCENTAGE OF SUCH HOUSES ON TOTAL.
1888.....	4,649	1,899	40.85
1889.....	4,726	1,975	41.79
1890.....	5,008	1,968	39.29
1891.....	4,988	2,031	40.72
1892.....	4,930	1,949	39.53
	24,301	9,822	40.42

In this table again the variation from year to year is very slight.

6.

The following table shows the number of houses in which deaths occurred in each year, and the number of the same houses in which deaths occurred in the immediately succeeding year, with the percentage of the latter on the total :

YEAR.	NUMBER OF HOUSES.	NUMBER OF SAME HOUSES WITH DEATHS IN FOLLOWING YEAR.	PERCENTAGE ON TOTAL.
1888.....	4,649	723	15.55
1889.....	4,726	684	14.47
1890.....	5,008	718	14.34
1891.....	4,988	733	14.70
1892.....	.....	.....	.....

This table shows a decided tendency to decrease until the last year is reached.

7.

The next table shows the number of houses in which deaths occurred in each year, and the number of the same houses in which there were deaths within two years immediately succeeding, with the percentage of the latter on the total :

YEAR.	TOTAL NUMBER OF HOUSES.	NUMBER WITH DEATHS WITHIN TWO YEARS.	PERCENTAGE OF SAME ON TOTAL.
1888.....	4,649	1,222	26.29
1889.....	4,726	1,191	24.20
1890.....	5,008	1,237	24.70

Here also is a decided decreasing tendency.

8.

This table shows the number of houses in which deaths occurred in each year of the five, with the number of deaths in such houses and the average number to each house :

YEAR.	NUMBER OF HOUSES.	NUMBER OF DEATHS.	AVERAGE NUMBER PER HOUSE.
1888.....	23	32	1.39
1889.....	23	32	1.39
1890.....	23	36	1.57
1891.....	23	34	1.48
1892.....	23	34	1.48

A considerable number of these houses are lodging houses of the cheapest kind, and houses entirely occupied by Chinese where phthisical patients go from all over the city to die; excluding those, we have the following table representing the ordinary tenement-house population of the city, for these houses, it will be seen from the appended list, are all tenement-houses.

9.

Same table as preceding, with Chinese houses and lodging-houses omitted :

YEAR.	TOTAL HOUSES.	DEATHS.	DEATHS PER HOUSE.
1888.....	13	18	1.38
1889.....	13	18	1.38
1890.....	13	20	1.54
1891.....	13	18	1.38
1892.....	13	14	1.08

This is, in one respect, an encouraging table, for it shows a decided decrease in the number of cases per house since 1890, when attention first began to be paid to the matter; and although the number of houses is small, the showing is especially significant, because the repetition of the disease year after year seems to indicate an infection of the house itself.

10.

In the following table the first column shows the number of houses in each year where deaths from tuberculous diseases occurred; the succeeding columns show the number out of the same houses in which deaths occurred in the succeeding years. For example, out of 4,649 houses in which tuberculous deaths occurred in 1888, only 723 of the same houses had such deaths in the next year (1889), only 688 in the second year (1890), etc.

Number of Houses.

YEAR.	FIRST YEAR.	SECOND YEAR.	THIRD YEAR.	FOURTH YEAR.	FIFTH YEAR.
1888	4,649	723	682	681	570
1889	4,726	684	688	672	.....
1890	5,008	718	676	.....	.....
1891	4,988	733	.....	.....	.....

Percentage on Total.

YEAR.	FIRST YEAR.	SECOND YEAR.	THIRD YEAR.	FOURTH YEAR.	FIFTH YEAR.
1888	100	15.55	14.67	14.65	12.26
1889	100	14.47	14.56	14.22	.....
1890	100	14.34	13.50	.....	.....
1891	100	14.70	.....	.....	.....

This shows a constantly diminishing proportion of houses in which there is a repetition of tuberculous disease in successive years, but the variation, as in all the other tables, is very slight.

It appears from these tables that the infectious nature of the disease is pretty strongly indicated by that fact that the deaths from tuberculous diseases, although constituting year by year from 13 to 14 per cent. of the total number of deaths, are yet confined to so small a portion of the dwellings in the city. This fact alone would seem to indicate that these diseases are propagated by propinquity, rather than by the general distribution of the bacilli tuberculosis in the dust of the street. Consumptives move about and expectorate in all parts of the city, and every one who walks in the streets, probably, at some time or other, perhaps pretty often, inhales the germs, and still the disease seems to cling to houses, so that perhaps a prolonged exposure may be necessary to contract the disease, intermittent exposures not being especially dangerous.

If this is so, preventive measures ought to have a prompt effect, if applied rigidly in every case of tuberculous disease. In order to effect any good result, such cases must be reported to the public authorities, like other infectious diseases, when the disease is first recognized. Dr. Lawrence F. Flick, of Philadelphia, who has paid special attention to this subject, both clinically and historically, expresses his "firm conviction, after careful study of the question, that, with our present knowledge of the etiology of the disease, we have it in our power completely to wipe it out in a single generation."

Spread of the disease was controlled in Italy, and especially in Naples, by very drastic measures, so that from being a very hot-bed of consumption, with a death rate of probably 10 per 1,000 from phthisis, its phthisis rate has been reduced until it is the lowest of any country in Europe, with the possible exception of Spain. The measures to which he refers were the following, contained in a law which received the royal sanction in Naples on July 19, 1782 :

"First—That the physician shall report the consumptive patient, when ulceration of the lungs has been established, under penalty, for the first offense, of 300 ducats, and upon repetition, of banishment for ten years.

Second—That an inventory shall be made by the authorities of the clothing in the patient's room, to be identified after his death, and if any opposition shall be made, the person doing so, if he belongs to the lower class, shall have three years in the galleys or in prison; if to the nobility, three years in the castle and a penalty of 300 ducats.

Third—That household goods which are not susceptible shall be immediately cleansed, and those that are susceptible shall at once be burned and destroyed.

Fourth—That the authorities themselves shall tear out and replaster the house, alter it from cellar to garret, carry away and burn the wooden doors and windows and put in new ones.

Fifth—That the sick poor shall at once be removed to a hospital.

Sixth—That newly built houses cannot be inhabited before one year from their completion and six months after plastering has been finished and repairing has been done.

Seventh—That superintendents of hospitals must keep in separate places clothing and bedding for the use of consumptives. Other severe penalties are threatened to those who buy or sell objects which had been used by consumptives, to servants, to members of the family, and to any transgressor whomsoever."

It is not certain how strictly this law was enforced, but its promulgation undoubtedly had a powerful effect upon the minds of the people. They were officially impressed with the idea that consumption is contagious, and it must have affected their behavior toward the sick. The law seems never to have been repealed, although attempts were made to repeal it, and it remained in force until the end of the independent government of Naples in 1860. Its effect is shown in the small death rate from tuberculous diseases, which, in 1887 for example, was only 1.92 in the City of Naples, and 1.16 for the territory formerly comprised in the kingdom of Naples, the reduction of mortality from tuberculosis in Italy since 1872, ranging from 50 to 90 per cent. as against about 50 per cent. in England, as a result of isolation in special hospitals there (see Dr. Flick's paper, "Trans. Am. Pub. Health Association," vol. XVI, p. 60, et seq.).

In the "Medical News" of May 11, 1892, Dr. Flick calls attention to the decrease in the death rate from phthisis in Philadelphia since 1885. He shows that this rate varied very little from year to year between 1861 and 1885, but that since that year there has been a marked decline. This he attributes to the general diffusion of the knowledge that phthisis is an infectious or contagious disease since the discovery of the bacillus tuberculosis by Koch in 1882. The same fact has been noticed in this city, and the following table makes it evident. The estimated population, in order to forestall criticism, is based upon the United States Census of 1890, which gives the lowest possible estimate of the present population of the city. Dr. Flick's death rates for Philadelphia are also based upon that census.

The close correspondence between the rise and fall of the phthisis death rate in the two cities is singular, and it is altogether probable that it is due to some common cause, very likely the one suggested by Dr. Flick.

YEAR.	POPULATION.	DEATHS FROM PHTHISIS.	DEATH-RATE FROM PHTHISIS.	PHILADELPHIA DEATH-RATE FROM PHTHISIS.
1861.....	794,905	3,025	3.81	3.15
1862.....	778,023	3,170	4.07	3.32
1863.....	761,500	3,485	4.58	3.27
1864.....	745,327	3,615	4.85	3.44

YEAR.	POPULATION.	DEATHS FROM PHTHISIS.	DEATH-RATE FROM PHTHISIS.	PHILADELPHIA DEATH-RATE FROM PHTHISIS.	STREET AND NUMBER.	1892.	1891.	1890.	1889.	1888.
1865.....	729,498	3,394	4.65	3.37	216 East Eightieth street.....	III	X	....	....	....
1866.....	767,979	3,481	4.53	3.08	328 East One Hundred and Ninth street.....	IOOI	II	....	....	....
1867.....	808,489	3,256	4.03	3.04	16 Hester street.....	III	....	....	....	....
1868.....	851,137	3,474	4.01	3.06	9 James street.....	IOX	....	....	II	....
1869.....	896,034	3,364	3.75	2.98	44 Monroe street.....	IOX	....	....	....	....
1870.....	943,300	4,030	4.27	3.42	21 Morris street.....	III	IO	IO	II	....
1871.....	955,921	4,186	4.38	3.20	14 Mott street.....	III	....	....	....	II
1872.....	968,710	4,274	4.41	3.21	17 ".....	III	II	....	III	I
1873.....	981,761	4,134	4.21	3.05	18 ".....	IIII	I	II	I	II
1874.....	1,030,607	4,034	3.91	3.12	40 Mulberry street.....	III	I	....	....	....
1875.....	1,044,396	4,172	3.99	2.95	235 ".....	IIII	....	....	....	....
1876.....	1,075,532	4,194	3.90	3.24	11 Pell street.....	IIII	I	III	IIIIII	IIIIII
1877.....	1,107,597	4,044	3.65	2.76	10 Roosevelt street.....	IIIX	I	I	I	....
1878.....	1,140,617	4,446	3.90	2.84	138 Second avenue.....	III	II	....	I	....
1879.....	1,174,621	4,343	3.70	2.74	7 Sixth avenue.....	XIIIX	....	....	....	....
1880.....	1,208,593	4,706	3.89	3.18	52 South Fifth avenue.....	III	I	II	III	I
1881.....	1,236,473	5,312	4.30	3.19	79 Sullivan street.....	III	....	X	....	....
1882.....	1,264,996	5,247	4.15	3.17	382 Tenth avenue.....	IXII	IIIX	I	....	....
1883.....	1,294,176	5,290	4.09	3.08	333 Third avenue.....	IOI	....	....	....	....
1884.....	1,324,030	5,235	3.95	3.02	89 Thompson street.....	IIII	....	....	I	I
1885.....	1,354,572	5,196	3.84	2.97	111 ".....	IXI	....	....	X	....
1886.....	1,385,811	5,447	3.93	2.93	292 West Houston street.....	IIII	....	....	....	I
1887.....	1,417,787	5,260	3.71	2.82	119½ Willet street.....	III	....	II	II	....
1888.....	1,450,492	5,260	3.63	2.65	309 West Twenty-first street.....	IXI	....	....	....	....
1889.....	1,483,952	5,179	3.49	2.43	238 West Thirty-fifth street.....	III	....	X	....	....
1890.....	1,518,183	5,492	3.62	2.64	341 West Thirty-ninth street.....	III	I	....	....	....
1891.....	1,553,204	5,160	3.32	2.45	443 ".....	IXX	I	....	....	....
1892.....	1,589,033	5,033	3.17	.....	228 West Forty-first street.....	IIO	I	X	....	....
					434 West Fifty-second street.....	IIO	....	....	....	....
					448 ".....	III	....	....	....	....
					268 West One Hundred and Seventeenth street.....	IXI	....	....	....	....

If so much can be effected by the mere general diffusion of the knowledge that phthisis is contagious, how much more might be accomplished by concerted measures of prevention in each case during the progress of the disease. As regards the continued reappearance of the disease in certain houses from year to year, it would seem that the thirteen houses in which deaths from tuberculous disease have occurred in every one of the past five years are permanently infected, and ought to be thoroughly disinfected from top to bottom, especially as there have already been deaths from such diseases in five of them during the current year.

The houses in question are the following:

Deaths from Tuberculous Disease.

STREET AND NUMBER.	1888.	1889.	1890.	1891.	1892.	1893.
5 Batavia street.....	I	2	2	2	I	I
102 Bayard street.....	2	I	I	I	I	..
90 Catharine street.....	I	I	I	I	I	I
18 Cherry street.....	2	I	I	I	I	2
9 Crosby street.....	I	I	4	2	I	2
44 Elizabeth street.....	I	2	2	I	I	..
363 East Seventy-first street.....	I	I	I	I	2	..
156 Greenwich street.....	I	I	2	I	I	..
10 Hamilton street.....	2	4	I	I	I	..
76 Mulberry street.....	I	I	I	I	I	..
139 ".....	I	I	I	2	I	..
123 Pitt street.....	3	I	2	2	I	..
6 Staple street.....	I	I	I	2	I	I

It will be noticed that all these houses are in the old part of the city, with the single exception of No. 363 East Seventy-first street, which is one of the buildings erected by the Improved Dwellings Association. The latter street number probably represents a single entrance to several large houses, and is therefore not properly to be compared with the remainder of the list.

The following is a list of houses in which there were three or more deaths from tuberculous disease in 1892, with the number for each house in the four preceding years.

I indicates phthisis; X indicates tubercular meningitis, and O indicates other tubercular diseases.

STREET AND NUMBER.	1892.	1891.	1890.	1889.	1888.
62 Avenue B.....	III	....	....	I	X
168 Bleecker street.....	XII	IIOI	....	....	....
25 Bowery.....	IIII	....	....	....	....
268 ".....	IIIIII	....	I	....	....
317 ".....	IIII	I	I	....	....
290 Cherry street.....	III	I	....	I	....
40 City Hall Place.....	IIII	....	....	....	....
7 Doyer street.....	III	....	....	....	II
272 Delancey street.....	XII	X	....	I	....
211 East Third street.....	III	....	....	....	I
144 East Seventh street.....	III	....	....	....	I
709 East Twelfth street.....	IIII	....	....	....	....
640 East Thirteenth street.....	OIO	I	....	O	I
428 East Fourteenth street.....	III	....	I	....	....
514 ".....	III	II	....	I	....
153 East Twenty-third street.....	IIII	III	I	....	....
331 East Thirty-first street.....	IIII	I	....	....	....
335 East Thirty-second street.....	OII	....	....	....	....
238 East Forty-sixth street.....	IIII	....	....	I	....
344 East Forty-eighth street.....	III	II	I	I	....
227 East Seventy-third street.....	IIIX	....	....	....	....

Some of these houses are Chinese hospitals; some are cheap lodging-houses, and others, like No. 119½ Willet street, are really several small rear houses which, being approached through an alley, have the same street number, but the greater part of them are tenement-houses of the poorer class.

Among the matters of less importance, but not devoid of interest, that have been brought out by this investigation are the following, shown by the ward tables appended to this report:

First—That during the five years there has been a decided increase in the number of deaths per house from tuberculous diseases in the Fifteenth and Seventeenth Wards, and a decrease in the Fourteenth and Twenty-third Wards, the other Wards showing very slight changes either way (Appendix A).

Second—That, as regards the proportion of each class of tuberculous disease to the total in each Ward, the largest percentage of deaths from phthisis was in the Fourth and Sixth Wards (presumably among Italians) from tubercular meningitis in the Eleventh, Thirteenth and Nineteenth Wards (presumably among Germans) and from other tuberculous diseases in the Seventh Ward (presumably among the Russian Jews, the percentage being also high in the Tenth Ward) (Appendix B).

The conclusions that can fairly be drawn from what has been written may be summed up as follows:

First—That the distribution of tuberculous diseases in this city confirms the accepted doctrine of their infectious nature.

Second—That the preventive measures taken in 1890, which consisted solely in leaving circulars relating to the management of tuberculous patients so as to prevent infection of others, seem to have had little effect, for the slight decline in diseases of this nature since that year can be traced back to its beginning in 1885, and is perhaps attributable to the general diffusion of the knowledge that these diseases are infectious since Koch's discovery of the bacillus tuberculosis in 1882.

Third—That the experience of Italy seems to show that if all cases of tuberculous disease were reported as other infectious diseases are, and proper preventive measures were taken in each case, the mortality from this cause could be largely reduced.

Fourth—That, as these diseases cause about one-seventh of all the deaths in the city every year, and a greater number of deaths than all other contagious and infectious diseases combined, it becomes a serious question whether the time has not now come when a vigorous effort should be made to control their ravages, in spite of the opposition that any such attempt would be sure to evoke.

Respectfully submitted,

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

September 5, 1893.

The report of Dr. R. S. Tracy, Deputy Register, in regard to the infectious character of tuberculous diseases is based on 26,744 fatal cases, which constitutes 88 per cent. of all deaths reported in this city from these diseases during the past five years. The tables submitted indicate the infectious nature of this class of diseases, and its confinement to a small percentage of the buildings in this city, chiefly to the old buildings where the germ appears to cling. Dr. Tracy further believes, as evidenced by the tables he submits, that these diseases are propagated by propinquity rather than by the general distribution of the bacilli tuberculosis in the dust of the streets, and instances the very drastic manner employed in Naples to control the disease. On page 24 he gives the result of the investigation in a succinct summary, which confirms the accepted doctrine of the infectious nature of these diseases.

Tubercular diseases cause about one-seventh of the entire annual mortality of this city, which as he truly states is "a greater number of deaths than all other contagious or infectious diseases combined." Any investigation that will suggest a means to reduce the mortality from these diseases is always looked for with great interest on account of their gravity and frequency.

Very respectfully, your obedient servant,

JOHN T. NAGLE, M. D., Register.

APPENDIX A.

Deaths from Tuberculous Diseases by Wards, 1888-1892.

WARD.	YEAR.	HOUSES.	DEATHS.	DEATHS TO A HOUSE.	WARD.	YEAR.	HOUSES.	DEATHS.	DEATHS TO A HOUSE.
First.....	1888	37	45	1.22	Third.....	1888	4	4	1.00
	1889	38	49	1.29		1889	7	7	1.00
	1890	41	50	1.22		1890	4	6	1.50
	1891	49	62	1.27		1891	4	4	1.00
	1892	36	46	1.28		1892	4	5	1.25
Second.....	1888	...	...	...	Fourth.....	1888	54	67	1.24
	1889	1	2	2.00		1889	53	65	1.23
	1890	1	1	1.00		1890	57	65	1.14
	1891	1	1	1.00		1891	62	85	1.37
	1892	...	...	...		1892	52	65	1.24

WARD.	YEAR.	HOUSES.	DEATHS.	DEATHS TO A HOUSE.	WARD.	YEAR.	HOUSES.	DEATHS.	DEATHS TO A HOUSE.	WARD.	DEATHS.				PERCENTAGE OF TOTAL.		
											Total.	Phthisis.	Tuberculous Meningitis.	Other Tuberculous	Phthisis.	Tuberculous Meningitis.	Other Tuberculous
Fifth.....	1888	23	25	1.09	Fifteenth....	1888	39	43	1.10	Fourteenth.....	390	327	46	17	83.85	11.79	4.36
	1889	25	26	1.04		1889	54	59	1.09	Fifteenth.....	249	222	15	12	89.16	6.02	4.82
	1890	21	25	1.19		1890	40	44	1.10	Sixteenth.....	391	332	40	19	84.91	10.23	4.86
	1891	27	34	1.26		1891	48	56	1.17	Seventeenth.....	910	789	97	24	86.70	10.66	2.64
	1892	23	25	1.09		1892	37	47	1.27	Eighteenth.....	561	487	51	23	86.81	9.09	4.10
Sixth.....	1888	52	69	1.33	Sixteenth.....	1888	67	72	1.07	Nineteenth.....	1,341	1,102	172	67	82.17	12.83	5.00
	1889	59	69	1.17		1889	61	68	1.11	Twentieth.....	938	807	91	40	86.04	9.70	4.26
	1890	63	85	1.35		1890	77	85	1.10	Twenty-first.....	530	459	57	14	86.60	10.76	2.64
	1891	70	89	1.27		1891	75	86	1.15	Twenty-second.....	1,110	917	131	62	82.61	11.80	5.59
	1892	67	86	1.28		1892	74	80	1.08	Twenty-third.....	114	100	10	4	87.72	8.77	3.51
Seventh.....	1888	94	112	1.19	Seventeenth...	1888	155	166	1.07	Twenty-fourth.....	4	4	....	....	100.00	....	....
	1889	88	101	1.15		1889	164	187	1.14	Total.....	11,233	9,542	1,181	510	84.95	10.51	4.54
	1890	93	109	1.17		1890	160	172	1.07								
	1891	91	110	1.21		1891	173	193	1.12								
	1892	89	102	1.15		1892	162	192	1.19								
Eighth.....	1888	57	66	1.16	Eighteenth.....	1888	97	114	1.18								
	1889	65	76	1.17		1889	95	106	1.12								
	1890	57	63	1.11		1890	90	102	1.13								
	1891	53	56	1.06		1891	100	124	1.24								
	1892	58	66	1.14		1892	104	115	1.11								
Ninth.....	1888	66	71	1.08	Nineteenth....	1888	212	240	1.13								
	1889	76	81	1.07		1889	236	262	1.11								
	1890	66	74	1.12		1890	248	294	1.19								
	1891	64	74	1.16		1891	245	271	1.11								
	1892	60	68	1.13		1892	244	274	1.12								
Tenth.....	1888	75	83	1.11	Twentieth.....	1888	172	198	1.15								
	1889	84	97	1.15		1889	163	179	1.10								
	1890	78	87	1.12		1890	170	192	1.13								
	1891	87	102	1.17		1891	165	193	1.17								
	1892	76	82	1.08		1892	152	176	1.16								
Eleventh.....	1888	115	134	1.17	Twenty-first....	1888	96	111	1.16								
	1889	119	135	1.13		1889	83	87	1.05								
	1890	96	111	1.16		1890	97	118	1.22								
	1891	112	131	1.17		1891	98	112	1.14								
	1892	113	132	1.17		1892	93	102	1.10								
Twelfth.....	1888	147	163	1.11	Twenty-second	1888	194	235	1.21								
	1889	175	192	1.10		1889	195	214	1.10								
	1890	175	191	1.09		1890	195	219	1.12								
	1891	178	197	1.11		1891	196	210	1.07								
	1892	162	180	1.11		1892	206	232	1.13								
Thirteenth....	1888	50	57	1.14	Twenty-third..	1888	22	26	1.18								
	1889	59	64	1.08		1889	18	20	1.11								
	1890	56	59	1.05		1890	20	22	1.10								
	1891	47	55	1.17		1891	20	22	1.10								
	1892	50	52	1.04		1892	22	24	1.09								
Fourteenth....	1888	71	92	1.30	Twenty-fourth..	1888	....	....	....					
	1889	57	64	1.12		1889	....	....	....					
	1890	61	78	1.28		1890	2	2	1.								
	1891	65	80	1.23		1891	1	1	1.								
	1892	64	76	1.19		1892	1	1	1.								

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, 1893, the number of notices issued by the Board was 5,839. 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.

LAMONT McLOUGHLIN, Clerk.

OFFICE OF COMMISSIONER VARNUM,
No. 31 NASSAU STREET, NEW YORK,
TUESDAY, December 26, 1893, 3.30 o'clock P. M.

The Commission met, pursuant to adjournment.
Present—James M. Varnum (Chairman pro tem.) and Daniel P. Hays, Commissioners.
The reading of the minutes of the proceedings of the last meeting was dispensed with.
The Commissioners further consulted generally upon various matters pending before the Commission.

Commissioner Hays offered the following resolution:
Resolved, That the Commission do now proceed to audit, approve and certify in writing to the Comptroller for payment the bills of the following parties:

G. W. Bromley & Co., map makers.....	\$30 00
"New Yorker Tagblatt" (C. H. Bauer), for advertising.....	6 00
"The Union" (C. H. Bauer), for advertising.....	6 00
"Dickson's Uptown Weekly" (J. Dickson & Bro.), for advertising.....	6 00
"The Suburban Weekly," for advertising.....	7 50
"The New York Eagle," for advertising.....	9 00
"The Uptown Visitor," for advertising.....	8 75
"The Harlem Local Reporter," for advertising.....	7 98
	\$81 23

Which resolution was unanimously adopted, and all of said bills were duly audited, approved and certified, and the Clerk was directed to forward them to the Comptroller for payment.

Commissioner Hays offered the following resolution, which was adopted:
Resolved, That the Clerk be and he hereby is instructed to forward to each attorney who has appeared in this proceeding a notice that on January 10, 1894, at 2 P. M., the Commissioners would like to hear argument of counsel on the following question in addition to the questions stated in the resolution adopted on the 22d inst.:

"Can the claimant recover as an element of damages the amount of any additional assessment for benefit which he is compelled to pay by reason of extra filling, etc., made necessary in grading the street in front of his property by change of grade, it being understood that the assessment for such grading is levied upon all property alike, whether the extra filling in front of the particular property is greater or less than in some other portion of the street?"

On motion of Commissioner Hays, the Commission then adjourned to meet at the office of Commissioner Hays on Thursday, December 28, 1893, at 3.30 o'clock P. M.
LAMONT MCLOUGHLIN, Clerk.

POLICE DEPARTMENT.

The Board of Police met on the 2d day of January, 1894.
Present—Commissioners Martin, McClave, MacLean and Sheehan.

Leave of Absence Granted.

Patrolman William Stackpole, Eighth Precinct, three days, if pay is released.

Reports Ordered on File.

Superintendent—Leaves of absence granted under Rule 154.
Contagious disease in family of Patrolman Edward F. X. McDonald, Twentieth Precinct.
Death of Frederick Belfinger, Special Patrolman.
Report of the Superintendent, inclosing \$165 mask ball fees, was referred to the Treasurer to pay into the Pension Fund.
Application of Patrolman Charles Germershausen, Sixth Precinct, for advance to first grade, was denied.

Mask Ball Permits Granted.

Frank Lark, at N. Y. Mannerchor Hall, January 6.
John Olin, at Lexington Avenue Opera House, January 27.
Jacob Katzenstein, at Lexington Avenue Opera House, March 1.
Emil Michelin, Lenox Lyceum, February 10.
Application of Edward E. Adams, guardian of child of Edward Knight, for pension, was referred to Committee on Pensions.

Applications for Civil Service Examination Referred to the Superintendent for Report.

Sergeant Michael E. Foody, Second Court.
Roundsman John Dugan, Thirteenth Precinct.
" James A. Wilson, Sixteenth Precinct.
" Jeremiah O'Brien, Twenty-fifth Precinct.
Application of Charles D. Kellogg, Charity Organization Society, for the appointment of night watchman at Wayfarers' Lodge, No. 511 West Twenty-eighth street, as Special Patrolman; also for detail of an officer at Lodge during the day, was referred to the Superintendent for report.

N. Y. SUPREME COURT.

The People ex rel. Henry L. Beheytt
against
The Board of Police.
Referred to the Counsel to the Corporation.

N. Y. SUPERIOR COURT.

George Henderson
against
David Jackson.
Referred to the Counsel to the Corporation.

Communication from Mrs. A. L. Cantin, complaint against certain saloons on Sixth avenue, between Twenty-sixth and Twenty-ninth streets, was referred to the Superintendent.

Communication from Captain Ryan, Thirty-first Precinct, inclosing communication from Hugh N. Camp, with donation of \$25 to Police Pension Fund, was accepted, and the Treasurer directed to acknowledge receipt.

Resolved, That requisition be and is hereby made upon the Comptroller for the sum of eight thousand two hundred and eighty-five dollars and ninety cents, to enable this Department to pay John H. Deeves and Richard H. Deeves, contractors, the fourth payment for the construction of a station-house, lodging-house and prison on Lots Nos. 24 and 26 Macdougall street, in the City of New York, in accordance with contract dated July 26, 1893, under appropriation made by the Board of Estimate and Apportionment for the year 1892, and that the Treasurer be directed to pay the same on receipt of the money from the Comptroller—all aye.

Resolved, That in pursuance of the power conferred by section 4, chapter 180, Laws of 1884, the quota of Patrolmen of the Police force be and is hereby increased by the number of one hundred men, to be added by appointment from time to time during the current year; but such appointment or increase of force shall not be made in excess of the amount of appropriation made for the payment of the salaries of Patrolmen for the year 1894—all aye.

Resolved, That the Superintendent be directed to investigate and report upon the charge appearing in the public press that Patrolman Michael Brady, Twenty-seventh Precinct, received money from William Fink to aid in his appointment upon the Police force.

Details.

Patrolman George H. Dale, Twenty-second Precinct, as Precinct Detective.
" Owen H. Beagan, Twentieth Precinct, special duty, three days.
" William A. Haughey, Twenty-fourth Precinct, special duty, three days.
" Thomas McIntyre, Eighth Precinct, special duty, three days.
" Joseph Brown, Eighth Precinct, special duty, three days.
" John Ewing, Fifteenth Precinct, special duty, three days.
" Eugene McCarthy, Second Precinct, special duty, three days.

Resolved, That the Committee of Surgeons be directed to examine the following applicants for appointment as Patrolmen:

Daniel Moriarty.	John J. Flannelly.	Henry Struckenan.
Daniel A. Hart.	Levi S. Wood.	Frederick Baxter.
James J. Doyle.	Charles E. Heatley.	Maurice A. O'Connell.
Henry Vekstedt.	Francis McManus.	William F. O'Connell.
Edward J. Reilly.	Henry Drefuss.	John Truebert.
Emanuel Meehan.	George A. Uhrig.	John W. Thorp.
John Jansen.		

Advanced to First Grade.

Patrolman Edward Kelly, Twelfth Precinct, December 23, 1893.

Resolved, That the appointment of Thomas Fantry be and is hereby revoked.

Whereas, The Governor of the State of New York has, by proclamation, called an election to be held January 30, 1894, in the Fourteenth Congressional District for member of Congress, to fill the vacancy caused by the resignation of John R. Fellows, and in the Fifteenth Congressional District for member of Congress, to fill the vacancy caused by resignation of Ashbel P. Fitch; and

Whereas, It is necessary there should be no disappointment or delay in the providing and delivery of certain of the supplies and appurtenances required for the proper compliance with the regulations of the amended election laws of the State; therefore be it

Resolved, That in pursuance of the provisions of section 64, chapter 410, Laws of 1882, the Board of Aldermen be and is hereby respectfully requested to authorize the Board of Police to perform work and procure the supplies enumerated below without contract, founded on sealed bids, viz.:

First—Constructing polling-booths on the streets in the election districts where no suitable rooms can be had.

Second—Fitting up and furnishing polling places for use on registry and election days.

Third—Supplying ballots for inspection and public use and the necessary printing and stationery.

Fourth—Delivering and returning ballot-boxes and ballot-booths to and from the various places.

Judgments—Fines Imposed.

Sergeant James G. Cooper, Thirty-fourth Precinct, neglect of duty, ten days' pay.

Patrolman Franklin Cornell, Second Precinct, neglect of duty, one day's pay.

" Anthony F. Bolz, Second Precinct, neglect of duty, three days' pay.

" George Snyder, Fifth Precinct, neglect of duty, one day's pay.

" Charles G. Carroll, Sixth Precinct, neglect of duty, one-half day's pay.

" Richard Barry, Sixth Precinct, neglect of duty, one-half day's pay.

" Daniel J. McCarthy, Sixth Precinct, neglect of duty, one-half day's pay.

" James J. Miller, Sixth Precinct, neglect of duty, one day's pay.

" James J. Miller, Sixth Precinct, neglect of duty, three days' pay.

" George B. Grimshaw, Seventh Precinct, neglect of duty, three days' pay.

" Hugh Gaffney, Eighth Precinct, neglect of duty, one day's pay.

" Hugh Gaffney, Eighth Precinct, neglect of duty, one-half day's pay.

" Thomas Flaherty, Eighth Precinct, neglect of duty, one-half day's pay.

" Patrick E. Dolan, Tenth Precinct, conduct unbecoming an officer, two days' pay.

" Patrick E. Dolan, Tenth Precinct, neglect of duty, one day's pay.

" Bernard Finnegan, Tenth Precinct, neglect of duty, one-half day's pay.

" David Hoar, Tenth Precinct, neglect of duty, one day's pay.

" Michael J. Bennett, Tenth Precinct, neglect of duty, one-half day's pay.

" John J. Lussier, Twelfth Precinct, neglect of duty, one day's pay.

" Charles W. Baker, Twelfth Precinct, neglect of duty, one day's pay.

" Patrick J. Smith, Fourteenth Precinct, neglect of duty, one-half day's pay.

" Thomas Gill, Fourteenth Precinct, neglect of duty, one-half day's pay.

" Nicholas Guntzer, Fourteenth Precinct, neglect of duty, one day's pay.

" George Baker, Fourteenth Precinct, neglect of duty, one-half day's pay.

" William J. Peterman, Fifteenth Precinct, neglect of duty, one-half day's pay.

" James Fitzgibbons, Sixteenth Precinct, neglect of duty, two days' pay.

" John Drennan, Eighteenth Precinct, neglect of duty, one-half day's pay.

" Frank W. Dunne, Eighteenth Precinct, neglect of duty, three days' pay.

" James F. Burns, Twentieth Precinct, neglect of duty, one day's pay.

" Joseph Johnson, Twenty-first Precinct, neglect of duty, one day's pay.

" Michael J. Tarry, Twenty-first Precinct, neglect of duty, one-half day's pay.

" Thomas P. McCarthy, Twenty-first Precinct, neglect of duty, one-half day's pay.

" Franklin C. Cooper, Twenty-second Precinct, neglect of duty, one day's pay.

" George R. Jacobs, Twenty-fourth Precinct, neglect of duty, one day's pay.

" William E. McEvoy, Twenty-sixth Precinct, neglect of duty, one-half day's pay.

" Michael Baumeister, Twenty-sixth Precinct, neglect of duty, one-half day's pay.

" Charles B. Griffin, Twenty-sixth Precinct, neglect of duty, one-half day's pay.

" Robert A. Johnston, Twenty-eighth Precinct, neglect of duty, three days' pay.

" John H. Torbush, Twenty-ninth Precinct, neglect of duty, one-half day's pay.

" Terence Gallagher, Thirtieth Precinct, neglect of duty, three days' pay.

" George Lang, Thirty-first Precinct, neglect of duty, one day's pay.

" John Sheils, Thirty-first Precinct, neglect of duty, one day's pay.

" George Kethman, Thirty-second Precinct, neglect of duty, one day's pay.

" William Reilly, Thirty-second Precinct, neglect of duty, one day's pay.

" Thomas Kearney, Thirty-second Precinct, neglect of duty, three days' pay.

" William Cleary, Thirty-fourth Precinct, neglect of duty, one-half day's pay.

" William Cleary, Thirty-fourth Precinct, neglect of duty, five days' pay.

" John Dowling, Thirty-fourth Precinct, neglect of duty, one day's pay.

" James O'Neil, Thirty-fifth Precinct, neglect of duty, two days' pay.

" Michael Broderick, Thirty-fifth Precinct, neglect of duty, two days' pay.

" Patrick H. Cash, Thirty-fifth Precinct, neglect of duty, three days' pay.

" Charles Germershausen, Sixth Precinct, neglect of duty, one day's pay.

" Charles Germershausen, Sixth Precinct, neglect of duty, three days' pay.

" Dennis O'Leary, Seventh Precinct, neglect of duty, one day's pay.

" Edward L. Sheehan, Seventh Precinct, neglect of duty, one-half day's pay.

" James Gilmartin, Seventh Precinct, neglect of duty, one day's pay.

" Henry W. Schaefer, Eighth Precinct, neglect of duty, one day's pay.

" Henry W. Schaefer, Eighth Precinct, neglect of duty, one-half day's pay.

" John Hessian, Eighth Precinct, neglect of duty, one day's pay.

" John Hodge, Eleventh Precinct, neglect of duty, one-half day's pay.

" Adam J. Gumbrecht, Twelfth Precinct, neglect of duty, one-half day's pay.

" Louis Katz, Fourteenth Precinct, neglect of duty, one-half day's pay.

" Edward J. Looney, Twenty-fifth Precinct, neglect of duty, one-half day's pay.

" Louis M. Frank, Twenty-seventh Precinct, neglect of duty, one day's pay.

" James J. Healy, First Precinct, neglect of duty, one day's pay.

" John Dwyer, Seventh Precinct, neglect of duty, three days' pay.

" Edward Frey, Eighth Precinct, neglect of duty, one-half day's pay.

" Milton H. Teator, Fifteenth Precinct, neglect of duty, one-half day's pay.

" Charles J. Pyle, Twentieth Precinct, neglect of duty, one day's pay.

" Daniel Molloy, Twenty-third Precinct, neglect of duty, one day's pay.

" John H. Cooney, Twenty-third Precinct, neglect of duty, one day's pay.

" Henry Schorske, Twenty-eighth Precinct, neglect of duty, one-half day's pay.

Reprimand.

Patrolman George J. Milburn, Twenty-sixth Precinct, neglect of duty.

Complaints Dismissed.

Patrolman Thomas Coakley, First Precinct, conduct unbecoming an officer.

Sergeant James G. Cooper, Thirty-fourth Precinct, conduct unbecoming an officer.
Adjourned.

WM. H. KIPP, Chief Clerk.

FIFTH JUDICIAL DISTRICT COURT.

NEW YORK, December 27, 1893.

To the Supervisor of the City Record:

DEAR SIR—John Duane, Jr., was on the above date appointed Clerk and James H. Shiels was on the same day appointed Assistant Clerk of the District Court for the Fifth Judicial District.

Yours respectfully,

H. M. GOLDFOGLE,
Justice.

LAW DEPARTMENT.

LAW DEPARTMENT,
OFFICE OF THE COUNSEL TO THE
CORPORATION,
NEW YORK, January 10, 1894.

To the Supervisor of the City Record:

SIR—I am directed by the Counsel to the Corporation to notify you that he has this day appointed Michael J. Cohalan, No. 350 Willis

avenue, Clerk to the Attorney to the Department of Street Improvements of the Twenty-third and Twenty-fourth Wards, at the annual salary of \$1,200, from January 10, 1894.

Very respectfully,

WM. J. DUGGETT,
Deputy Chief Clerk.

OFFICIAL DIRECTORY.

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

EXECUTIVE DEPARTMENT.

Mayor's Office.

No. 6 City Hall, 10 A. M. to 4 P. M.; Saturdays, 10 A. M. to 12 M.

THOMAS F. GILROY, Mayor. WILLIS HOLLY, Secretary and Chief Clerk.

Mayor's Marshal's Office.

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

COMMISSIONERS OF ACCOUNTS.

Rooms 114 and 115, Stewart Building, 9 A. M. to 4 P. M.
CHARLES G. F. WAHLE and EDWARD OWEN.

AQUEDUCT COMMISSIONERS.

Room 209, Stewart Building, 5th floor, 9 A. M. to 4 P. M.
JAMES C. DUANE, President; JOHN J. TUCKER, FRANCIS M. SCOTT, H. W. CANNON, and the MAYOR, COMPTROLLER and COMMISSIONER OF PUBLIC WORKS; *ex officio*, Commissioners; J. C. LUTLEY, Secretary; A. F. LUTLEY, Chief Engineer; E. A. WOLFF, Auditor.

BOARD OF ARMY COMMISSIONERS.

THE MAYOR, Chairman; PRESIDENT OF DEPARTMENT OF TAXES AND ASSESSMENTS, Secretary.
Address EDWARD P. BARKER, Stewart Building.
Office hours, 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.

COMMON COUNCIL.

Office of Clerk of Common Council.

No. 8 City Hall, 9 A. M. to 4 P. M.
GEORGE B. McCLELLAN, President Board of Aldermen.
MICHAEL F. BLAKE, Clerk Common Council.

DEPARTMENT OF PUBLIC WORKS.

No. 31 Chambers street, 9 A. M. to 4 P. M.
MICHAEL T. DALY, Commissioner; MAURICE F. HOLAHAN, Deputy Commissioner (Room A).
ROBERT H. CLIFFORD, Chief Clerk (Room 6).
GEORGE W. BIRDSALL, Chief Engineer (Room 9); JOSEPH RILEY, Water Register (Rooms 2, 3 and 4); WM. M. DRAN, Superintendent of Street Improvements (Room 5); HORACE LOOMIS, Engineer in Charge of Sewers (Room 9); WILLIAM G. BERGEN, Superintendent of Repairs and Supplies (Room 15); MAURICE FEATHERSON, Water Purveyor (Room 1); STEPHEN McCORMICK, Superintendent of Lamps and Gas (Room 11); JOHN L. FLORENCE, Superintendent of Streets and Roads (Room 12); MICHAEL F. CUMMINGS, Superintendent of Incumbrances (Room 16); NICHOLAS R. O'CONNOR, Superintendent of Street Openings (Room 14).

DEPARTMENT OF STREET IMPROVEMENTS

TWENTY-THIRD AND TWENTY-FOURTH WARDS.
No. 2622 Third avenue, northeast corner of One Hundred and Forty-first street. Office hours, 9 A. M. to 4 P. M.; Saturdays, 12 M.
LOUIS F. HAFEN, Commissioner; JACOB SEABOLD, Deputy Commissioner; JOSEPH P. HENNESSY, Secretary.

DEPARTMENT OF BUILDINGS.

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

FINANCE DEPARTMENT.

Comptroller's Office.

No. 15 Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.
ASHBEL P. FITCH, Comptroller; RICHARD A. STORRS, Deputy Comptroller; EDGAR J. LEVEY, Assistant Deputy Comptroller.

Auditing Bureau.

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

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

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

Bureau for the Collection of City Revenue and of Markets.

Nos. 1 and 3 Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.
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.
DAVID E. AUSTEN, Receiver of Taxes; JOHN J. McDONOUGH, 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.
JOSEPH J. O'DONOHUE, City Chamberlain.

Office of the City Paymaster.

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

LAW DEPARTMENT.

Office of the Counsel to the Corporation.

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

Office of the Public Administrator.

No. 49 Beekman street, 9 A. M. to 4 P. M.
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 McCLEAVE 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 F. 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. CHARLES BENN, General Bookkeeper.
Out-Door Poor Department. Office hours, 8:30 A. M. to 4:30 P. M. WILLIAM BLAKE, Superintendent. Entrance on Eleventh street.

FIRE DEPARTMENT.

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

Headquarters.

Nos. 157 and 159 East Sixty-seventh street.
JOHN J. SCANNELLI, President; ANTHONY EICKHOFF and HENRY WINTHROP GRAY, Commissioners; CARL JUSSEN, Secretary.

HUGH BONNER, 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 G. WILSON, President, and CYRUS EDSON, M. D., the PRESIDENT OF THE POLICE BOARD, *ex officio* and the HEALTH OFFICER OF THE PORT, *ex officio* Commissioners; EMMONS CLARK, Secretary.

DEPARTMENT OF PUBLIC PARKS.

Emigrant Industrial Savings Bank Building, Nos. 49 and 51 Chambers street, 9 A. M. to 4 P. M. Saturdays, 12 M.
ABRAHAM B. TAPPEN, President; PAUL DANA, NATHAN STRAUS and GEORGE C. CLAUSEN, Commissioners; CHARLES DE F. BURNS, Secretary.

DEPARTMENT OF DOCKS.

Battery, Pier A, North river.

J. SERGEANT CRAM, President; JAMES J. PHELAN and ANDREW J. WHITE, Commissioners; AUGUSTUS T. DOCHARTY, Secretary.
Office hours, from 9 A. M. to 4 P. M.

DEPARTMENT OF TAXES AND ASSESSMENTS

Stewart Building, 9 A. M. to 4 P. M. Saturdays, 12 M.
EDWARD P. BARKER, President; JOHN WHALEN and JOSEPH BLUMENTHAL, Commissioners. FLOYD T. SMITH, Secretary.

DEPARTMENT OF STREET CLEANING.

Criminal Court Building, Centre street, from Franklin to White street. Office hours, 9 A. M. to 4 P. M.
WILLIAM S. ANDREWS, Commissioner; JOHN J. RYAN, Deputy Commissioner; I. JOSEPH SCULLY, Chief Clerk.

BOARD OF ESTIMATE AND APPORTIONMENT

The MAYOR, Chairman; E. P. BARKER (President, Department of Taxes and Assessments), Secretary; the COMPTROLLER, PRESIDENT OF THE BOARD OF ALDERMEN and the COUNSEL TO THE CORPORATION, Members; CHARLES V. ADER, Clerk.
Office of Clerk, Department of Taxes and Assessments, Stewart Building.

CIVIL SERVICE SUPERVISORY AND EXAMINING BOARDS.

Cooper Union, 9 A. M. to 4 P. M.
Chairman; DANIEL P. HAYS and LEMUEL SKIDMORE, Members of the Supervisory Board; LER PHILLIPS, Secretary and Executive Officer.

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.
WILLIAM DALTON, President; LEICESTER HOLME and MICHAEL C. MURPHY, Commissioners; JAMES F. BISHOP, Secretary.

SHERIFF'S OFFICE.

Nos. 6 and 7 New County Court-house, 9 A. M. to 4 P. M.
CHARLES M. CLANCY, 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.
ROBERT B. NOONEY, Commissioner; JAMES E. CONNER, Deputy Commissioner.

COUNTY CLERK'S OFFICE.

Nos. 7 and 8 New County Court-house, 9 A. M. to 4 P. M.
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.
JOHN R. FELLOWS, 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. K. KENNY, Supervisor; EDWARD H. HAYES, Assistant Supervisor; JOHN J. McGRATH, Examiner.

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.

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.

CORONERS' OFFICE.

No. 27 Chambers street, 8 A. M. to 5 P. M. Sundays and holidays, 8 A. M. to 12:30 P. M.
LOUIS W. SCHULTZ, JOHN B. SHEA, EDWARD T. FITZPATRICK and WILLIAM H. DOBBS, 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.
FRANK T. FITZGERALD and JOHN H. V. ARNOLD, Surrogates; WILLIAM V. LEARY, 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.

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. 30.

Equity Term, Room No. 30.

Chambers, Room No. 33.

Part I., Room No. 34.

Part II., Room No. 35.

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.

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.

HERMANN BOLTE, Justice. FRANK MANGIN, Clerk.

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

Third District—Ninth and Fifteenth Wards. Court room, southwest corner Sixth avenue and West Tenth street.

Court open daily (Sundays and legal holidays excepted) from 9 A. M. to 4 P. M.

WM. F. MOORE, Justice. DANIEL WILLIAMS, Clerk.

Fourth District—Tenth and Seventeenth Wards. Court-room, No. 30 First street, corner Second avenue.

Court opens 9 A. M. daily, and remains open to close of business.

GEORGE F. ROESCH, Justice. 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.

DANIEL F. MARTIN, Justice. ABRAHAM BERNARD, Clerk.

Seventh District—Nineteenth Ward. Court-room No. 151 East Fifty-seventh street.

Court opens every morning at 9 o'clock (except Sundays and legal holidays), and continues open to 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.

JOSEPH H. STINER, Justice. THOMAS COSTIGAN, 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. 170 East One Hundred and Twenty-first street, southeast corner of Sylvan place.

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 9½ 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.

JAMES A. O'GORMAN, Justice.

JAMES J. GALLIGAN, Clerk.

BOARD OF EDUCATION.

SEALED PROPOSALS WILL BE RECEIVED BY the School Trustees for the First Ward, at the Hall of the Board of Education, No. 146 Grand street, until 10 o'clock A. M., on Wednesday, January 24, 1894, for supplying the Heating and Ventilating Apparatus for the New School Building in course of erection at Washington, Albany and Carlisle streets (Grammar School No. 29).

FREDERICK G. MERRILL, Chairman.

F. JOSEPH BADER, Secretary.

Board of School Trustees, First Ward.

Dated New York, January 11, 1894.

Sealed proposals will also be received at the same place by the School Trustees of the Twenty-second Ward, until Tuesday, January 16, 1894, at 4 o'clock P. M., for supplying the Furniture required for the New Grammar School Building on south side of West Forty-sixth street, between Sixth and Seventh avenues.

JAMES R. CUMING, Chairman.

RICHARD S. TREACY, Secretary.

Board of School Trustees, Twenty-second Ward.

Dated New York, January 3, 1894.

Sealed proposals will also be received at the same place, by the School Trustees of the Twenty-second Ward, until Monday, January 15, 1894, at 4 o'clock P. M., for supplying the Furniture required for the Addition to Grammar School No. 69, on the south side of West Fifty-fifth street, between Sixth and Seventh avenues.

JAMES R. CUMING, Chairman.

RICHARD S. TREACY, Secretary.

Board of School Trustees, Twenty-second Ward.

Dated New York, December 30, 1893.

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

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

The party submitting a proposal, and the parties

proposing to become sureties, must each write his name and place of residence on said proposal.

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

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

The party submitting a proposal must include in his proposal the names of all sub-contractors, and no change will be permitted to be made in the sub-contractors named without the consent of the School Trustees and Superintendent of School Buildings.

It is required as a condition precedent to the reception or consideration of any proposals, that a certified check upon, or a certificate of deposit of, one of the State or National banks, or Trust Companies of the City of New York, drawn to the order of the President of this Board, shall accompany the proposal to an amount of not less than three per cent. of such proposal, when said proposal is for or exceeds ten thousand dollars, and to an amount not less than five per cent. of such proposal when said proposal is for an amount under ten thousand dollars; that on demand, within one day after the awarding of the contract by the proper Board of Trustees, the President of the Board will return all the deposits of checks and certificates of deposit made, to the persons making the same, except that made by the person or persons whose bid has been so accepted; and that if the person or persons whose bid has been so accepted shall refuse or neglect, within five days after due notice has been given that the contract is ready for execution, to execute the same, the amount of the deposit or of the check or certificate of deposit made by him or them shall be forfeited to and retained by this Board, not as a penalty, but as liquidated damages for such neglect or refusal, and shall be paid into the City Treasury to the credit of the Sinking Fund of the City of New York; but if the said person or persons whose bid has been so accepted shall execute the contract within the time aforesaid, the amount of his or their deposit of check or certificate of deposit shall be returned to him or them.

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 4059, No. 1. Alterations and improvement to sewers in Eighteenth street, between North river and Tenth avenue, connecting with outlet sewer built by Department of Docks.

List 4098, No. 2. Outlet sewer and appurtenances in Railroad avenue, East, between Harlem river and One Hundred and Fifty-eighth street.

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. Beginning at the northerly side of Seventeenth street and North river and running easterly along Seventeenth street to the westerly side of Sixth avenue; thence southerly along the westerly side of Sixth avenue to the south side of Sixteenth street; thence easterly along Sixteenth street (including south side of said street) to Broadway; thence northerly along Broadway to Twenty-fifth street (including east side of Broadway, between Seventeenth and Eighteenth streets and between Twenty-fourth and Twenty-fifth streets); thence westerly along Twenty-fifth street (including both sides of said street) to Sixth avenue; thence northerly along Sixth avenue (including both sides of said avenue to Twenty-seventh street); thence easterly and including both sides of Twenty-seventh street, about 32

sessors, 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 31st day of January, 1894.

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

OFFICE OF THE BOARD OF ASSESSORS,
No. 27 CHAMBERS STREET,
NEW YORK, December 30, 1893.

DEPARTMENT OF TAXES AND ASSESSMENTS

DEPARTMENT OF TAXES AND ASSESSMENTS,
ST. WART BUILDING,
NEW YORK, January 8, 1894.

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 1894, are open and will remain open for examination and correction until the thirtieth day of April, 1894.

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,
JOHN WHALEN,
JOSEPH BLUMENTHAL,
Commissioners of Taxes and Assessments.

THE COLLEGE OF THE CITY OF NEW YORK.

A STATED SESSION 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 16, 1894, at 4.30 o'clock P.M.

ARTHUR McMULLIN,
Secretary.

Dated New York, January 9, 1894.

DEPARTMENT OF PUBLIC WORKS

DEPARTMENT OF PUBLIC WORKS,
COMMISSIONER'S OFFICE,
ROOM 6, NO. 31 CHAMBERS STREET,
NEW YORK, January 9, 1894.

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 23, 1894, 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, 1894.

No. 2. FOR FURNISHING THE DEPARTMENT OF PUBLIC WORKS WITH FOUR THOUSAND NINE HUNDRED AND NINETY (4,990) GROSS TONS, 2,240 POUNDS TO A TON, OF BEST WHITE ASH LEHIGH AND WILKESBARRE COAL, AS PER SPECIFICATIONS ANNEXED, AND TEN (10) TONS OF INCE HALL CANAL COAL.

No. 3. FOR FURNISHING, DELIVERING AND LAYING WATER MAINS IN SECOND AVENUE, between Fifty-eighth and Forty-second streets, and in Forty-second street, between Second and Third avenues.

No. 4. FOR FURNISHING CAST-IRON WATER PIPES, BRANCH PIPES AND SPECIAL CASTINGS.

No. 5. 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.

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 it is 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 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 10 and 15, No. 31 Chambers street.

MICHAEL T. DALY,
Commissioner of Public Works.

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

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 thereupon liable to be assessed as above provided, and thereupon the owner of such lot, his heirs and assigns shall thereupon 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.

MICHAEL T. DALY,
Commissioner of Public Works

BOARD OF CITY RECORD.

OFFICE OF THE CITY RECORD,
NO. 2 CITY HALL,
NEW YORK, January 8, 1894.

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

TO STATIONERS.

SEALED ESTIMATES FOR SUPPLYING THE City Government with Stationery, Paper, Ink, Pens, Pencils, Penholders, Rubber Bands, etc., will be received at the office of the Supervisor of the City Record, Room No. 2 City Hall, until 12 o'clock M. of Monday, the 22nd day of January, 1894, 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 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.

The amount of 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 One Thousand 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 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.

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 thirty 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.

THOMAS F. GILROY,

Mayor.

WILLIAM H. CLARK,

Counsel to the Corporation;

MICHAEL T. DALY,

Commissioner of Public Works.

W. J. K. KENNY,
Supervisor of the City Record.

ARMORY BOARD.

ARMORY BOARD—SECRETARY'S OFFICE,
STEWART BUILDING, NO. 280 BROADWAY,
NEW YORK, January 9, 1894.

TO ARCHITECTS.

A general invitation is hereby extended to architects to furnish competitive designs for an armory building for the National Guard, State of New York, on the site recently acquired on the northerly side of Fourteenth street, extending through to Fifteenth street, commencing at a point on the northerly line of Fourteenth street, distant 175 feet 2 1/4 inches west from the westerly line of Sixth avenue; thence northerly and parallel with Sixth avenue, distance 103 feet 2 inches; thence westerly and parallel with Fourteenth street, distance 5 feet; thence northerly and parallel with Sixth avenue, distance 103 feet 4 inches to the southerly line of Fifteenth street; thence westerly along the southerly line of Fifteenth street, distance 220 feet 2 1/4 inches; thence southerly 206 feet 6 inches to the northerly line of Fourteenth street; thence easterly along the northerly line of Fourteenth street, distance 224 feet 10 1/4 inches, to the point or place of beginning.

The building to be designed to furnish accommodations for a regiment of infantry.

The front on Fourteenth street to be of rock-faced granite, and the front on Fifteenth street to be of brick with stone trimmings.

The roof to be of slate tile or other suitable material.

So much of the space covered by the building as may be necessary to be excavated to a depth sufficient for the accommodation of the boiler-rooms, rifle-range, water-closets, kitchen and range, armorer's room, lavatory, janitor's room, storage room, etc.

The designs to provide a main drill-room on the ground floor to cover as near as practicable the entire plot, reserving only so much as may be necessary for suitable main and side entrances on Fourteenth street and staircases to administration and company rooms and galleries above and basement below. An entrance to be provided on Fifteenth street opening into the main drill-room, and to be used only for an emergency.

Galleries to be provided for accommodation of visitors. The accommodation for officers, company-rooms, lockers, janitor's quarters, etc., to be suspended on Fourteenth and Fifteenth street fronts, in order to secure the greatest space on the ground floor for drill-room.

Consideration to be given to the necessary heating and lighting, the latter to be by combination gas and electric fixtures. Gun-racks and lockers to be provided for all the companies.

In order to secure conformity of drawings it is suggested that they be made on a scale of one-eighth of an inch to a foot.

The entire cost of the building, including all work and materials necessary to complete the same in every respect, both interior and exterior (other than fixtures for lighting, furniture for galleries, company and administration rooms, and which will be otherwise provided for), shall not exceed \$285,000, including the Architect's fees.

The Armory Board reserves the right to reject any or all plans that may be offered, if for any reason they deem it best so to do, and in case any plan is accepted as presented, or with alterations or suggestions of the Board, and it is subsequently found that contracts satisfactory to the Board can be made for the complete erection of the building, and the payment of the Architect's fees not to exceed the sum named, the Architect presenting such plans shall be engaged for the work, and his compensation for plans and superintendence shall be four per cent. of the amount of such contract. The plans must be presented with the view of inviting proposals for the erection of the building for a gross sum, and must be presented to the Committee on Plans at this office, on or before the 15th day of February, 1894.

The official map of the site is on file in the Register's office, and also in the Department of Public Works, and must be consulted by Architects for such information as they may need in that respect.

THOS. F. GILROY, Mayor;
EDWARD P. BARKER,
President Department Taxes and Assessments;
MICHAEL T. DALY,
Commissioner of Public Works;
BRIG-GEN. LOUIS FITZGERALD,
COL. WILLIAM SEWARD,
Armory Board Commissioners.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION,
No. 66 THIRD AVENUE,
NEW YORK, January 6, 1894.

TO CONTRACTORS.

PROPOSALS FOR DRY GOODS FOR INSANE ASYLUMS.

SEALED BIDS OR ESTIMATES FOR FURNISHING Dry Goods, in conformity with samples and specifications, 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 Friday, January 19, 1894.

DRY GOODS.

70,000 yards Brown Muslin, 36 inches "Indian Head," 30,000 yards Brown Muslin, 36 inches "Indian Head," 11,000 yards Bleached Muslin, 36 inches "Dwight Anchor."

15,000 yards Canton Flannel, "Amoskeag AA." 2,500 yards Red Flannel, "Belvidere Scarlet A." 1,200 yards Indigo Blue Flannel. 20,000 yards Ticking, "Cordis Mill A. C. E." 10,000 yards Blue Denim "Silver Fox" Amoskeag. 20,000 yards Crash Roller Toweling, "Stevens all Linen."

4,000 yards Huckabuck Toweling. 20,000 yards Kentucky Jean "Flushing." 40,000 yards Otis Check, patterns to be selected. 10,000 yards Seersucker.

2,000 White Toilet Quilts, "Bates." 2,000 Women's Woolen Hoods, full sizes, assorted colors as per specification.

1,000 pairs Women's Woolen Mitts, full sizes, assorted colors, as per specifications.

1,000 Women's Knit Jackets, large sizes and dark colors.

1,000 Women's Woolen Shawls, assorted colors, as per specifications.

400 dozen Men's Knit Drawers, sizes 30 to 42 inches, as per schedule to be furnished.

400 dozen Men's Knit Undershirts, sizes 34 to 46 inches, as per schedule to be furnished.

3,500 pairs Woolen Blankets (Kerseys) averaging 7 pounds each.

250 pairs Men's Leather Boots Nos. as per specification.

300 pairs Men's Rubber Boots Nos. as per specification.

2,000 Rubber Sheets 16 grommets each.

700 Men's Winter Blouses (faced) five sizes (sizes to be in tailor's measurement) as follows: No. 1, 29, 7 1/2, 19 1/2, 31, 39, 35, 19; No. 2, 30, 8, 20 1/2, 30 1/2, 40, 40, 21; No. 3, 30 1/2, 8 1/2, 22, 34, 43, 40, 22; No. 4, 31, 8 1/2, 22, 33, 44, 42, 22; No. 5, 32, 8 1/2, 23 1/2, 35, 48, 50, 24.

575 Men's Summer Blouses, five sizes, as follows, actual tailor's measurements: 82 No. 1, 18, 31 1/2, 7 1/2, 21 1/2, 32 1/2, 20, 16, 13, 40, 36; No. 2, 18, 30 1/2, 8, 23, 37, 21, 14 1/2, 13, 39, 37; No. 3, 20, 34, 8 1/2, 22 1/2, 35, 21, 16, 14, 44, 43; No. 4, 18, 31 1/2, 8, 21 1/2, 34, 22, 17, 12, 41, 42; No. 5, 20, 35, 9 1/2, 24, 37, 21, 18, 14, 49, 48.

500 Men's Pea Jackets, "Quinnepocit" material, assorted sizes as follows: 125 40-inch, 125 42-inch, 250 44-inch.

800 Men's Overcoats, "Quinnepocit" material, assorted sizes as follows: 135 37-inch, 200 38-inch, 200 40-inch, 200 40-inch, 65 44-inch.

200 Men's Rubber Coats, all 44 inches.

575 Men's Uniform Caps, with Department devices, complete, viz: 95 6 1/2, 205 6 1/2, 185 7, 55 7 1/2, 35 7 1/2.

550 Summer Helms with Department device, assorted sizes, as follows: 94 6 1/2, 178 6 1/2, 225 7, 53 7 1/2.

1,500 Men's "Malaga" Hats, assorted sizes, as follows: 375 6 1/2, 300 6 1/2, 375 7, 250 7 1/2.

2,500 Men's Canvas Hats, assorted sizes, as follows: 625 6 1/2, 840 7, 615 7 1/2, 420 7 1/2.

3,500 Women's Straw Hats, assorted size, as follows: 1,750 6 1/2, 1750 7.

20,000 yards Cottonades, "Flat Rock"

40,000 yards Gingham, "Johnson Manufacturing Company."

2,000 yards White Table Oil-cloth.

3,500 yards Crash Dish Toweling, "Stevens all Linen."

3,000 yards Shroud Muslin, "Pioneer" or "Dauntless."

2,000 yards Linen Damask for Table-cloths.

200 pieces Valenciennes Lace for Caps.

100 Oil Skins Suits, Towels' best quality, complete with Sou'wester.

The person or persons making any bid or estimate shall furnish the same in a sealed envelope, indorsed, "Bid or Estimate for Dry Goods, etc.," with his or their name or names, and the date of presentation, to the head of said Department, at the said office, on or before the day and hour above named, at which time and place the bids or estimates received will be publicly opened by the President of said Department and read.

THE BOARD OF PUBLIC CHARITIES AND CORRECTION RESERVES THE RIGHT TO REJECT ALL BIDS OR ESTIMATES IF DEEMED TO BE FOR THE PUBLIC INTEREST, AS PROVIDED IN SECTION 64, CHAPTER 410, LAWS OF 1882.

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

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

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

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

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

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, 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 men-

tioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of this contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety or otherwise; and that he has offered himself as a surety in good faith, and with the intention to execute the bond required by section 12 of chapter 7 of the Revised Ordinances of the City of New York, if the contract shall be awarded to this person or persons for whom he consents to become surety. The adequacy and sufficiency of the security offered to be approved by the Comptroller of the City of New York.

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

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

The quality of the articles, supplies, goods, wares and merchandise must conform in every respect to the samples of the same on exhibition at the office of the said Department, or, in the absence of samples, to the printed specifications. Bidders are cautioned to examine the specifications for particulars of the articles, etc., required, before making their estimates. Bidders will state the price for each article, by which the bids will be tested.

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

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

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

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

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION,
No. 66 THIRD AVENUE,
NEW YORK, January 6, 1894.

TO CONTRACTORS.

PROPOSALS FOR DRY GOODS.

SEALED BIDS OR ESTIMATES FOR FURNISHING Dry Goods, in conformity with samples and specifications, 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 Friday, January 10, 1894.

170,000 yards Brown Muslin, "Utica C."
138,000 yards Brown 4/4 Muslin, "Mass. Standard,"
"Eucks Head," or "Atlantic A."
6,900 yards Bleached 4/4 Muslin, 4/4 "Dwight Anchor."
2,400 yards Bleached Mullin, 8/4 "Dwight Anchor."
30,000 yards "Stillwater" Muslin.
17,000 yards Shroud Muslin, "Pioneer," or "Dauntless."
1,026 pieces Oiled Muslin, "Centennial."
11,200 yards Cottonade, "New York Mills."
26,500 yards U. G. Casimere, "Quinnepoc."
10,200 yards Hickory Stripes, "Hamilton."
9,350 yards Awning Stripes, "Extra Stout."
11,900 yards Furniture Check, "Otis."
8,160 yards Cotton Check.
13,860 yards Crash Toweling, Stevens, "All Linen."
4,600 yards Huckabuck Toweling.
14,000 yards Canton Flannel, "Amoskeag AA."
2,300 yards Red Flannel, "B. Ividere A."
2,400 yards White Flannel, "B. H. No. 2."
935 yards Blue Flannel, "Belvidere C. A."
14,400 yards Blue Denim, "Otis C. C."
2,300 yards Brown Denim, "Warren C. C."
3,000 yards Calico, light, American Printing Co.
16,850 yards Calico, dark, American Printing Co.
14,650 yards Cotton Jean, "Flushing."
2,000 yards Prison Cloth.
25,200 yards Ticking, "Pearl River."
1,100 yards Table Linen.
13,600 yards Linen Diaper.
6,000 Colored Blankets, "Kersey," average 7 pounds each.
1,900 I. K. Blankets, with 16 grommets each.
243 dozen Knit Undershirts.
40 dozen Knit Drawers.
763 yards Cotton Canvas, No. 10.
170 yards Cotton Canvas, No. 4.
300 dozen Men's Straw Hats.
1,615 dozen pairs Men's Cotton Socks.
43 dozen pairs Boys' Cotton Socks, 8 to 11.
85 dozen pairs Boys' Stockings, 7 1/2 to 9.
128 dozen pairs Girls' Stockings, 6 to 9 1/2.
1,105 dozen pairs Women's Stockings.
850 pieces Cr. noline.
10,000 pounds Cotton Batts, "Manhattan."
2,890 pounds Pure S. A. Curled Hair, in rolls.
70 Oilskin Suits (Tower's best), complete, with Sou'westers.
221 U. S. A. Overcoats.
456 Blue Flannel Blouses, 205 summer, 251 winter.
1,877 "Violet Quilts," "Bates."
638 Women's Shawls, "Bates," 8/4.
162 Pairs Rubber Boots, Nos. assorted.
162 Rubber Coats.
43 Ward Coats.
35 Pieces Mosquito Netting.

The person or persons making any bid or estimate shall furnish the same in a sealed envelope, indorsed "Bid or Estimate for Dry Goods, etc.," with his or their name or name, 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 fifty (50) per cent. of the ESTIMATED amount of the contract.

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

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

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

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

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

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

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

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

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

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

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

PROPOSALS FOR 2,000 TONS OF FRESH MINED WHITE ASH STOVE COAL FOR THE OUT-DOOR POOR.

PROPOSALS, SEALED AND INDORSED AS above, will be received by the Board of Public Charities and Correction, at their office, until 10 o'clock A. M., of Friday, January 10, 1894, at which time they will be publicly opened and read by the President of said Board, for TWO THOUSAND (2,000) TONS Fresh Mined White Ash Stove Coal, of the best quality, each ton to consist of two thousand pounds; to be well screened and delivered in such quantities and in such parts of the city as may be required in specifications, and ordered from time to time, SOUTH OF EIGHTY-FOURTH STREET, EAST AND WEST, to be subject to such inspection as the Commissioners may direct, and to meet their approval as to the quality, quantity, time and manner of delivery in every respect.

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

No proposal will be considered unless 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 in SIX THOUSAND (\$6,000) DOLLARS each, for its faithful performance; which consent must be verified by the justification of each of the persons signing the same for double the amount of surety required. The adequacy and sufficiency of such security to be approved by the Comptroller.

All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and retained by the City of New York, as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

The Board of Public Charities and Correction reserves the right to reject all bids if deemed for the best interests of the city, and no proposal will be accepted from, or a contract awarded to, any person who is in arrears to the Corporation upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

Blank forms of proposals and specifications, which are to be strictly complied with, can be obtained on application at the office of the Department, and all information furnished.

Dated NEW YORK, January 6, 1894.
HENRY H. PORTER, President,
CHARLES E. SIMMONS, M. D., Commissioner,
EDWARD C. SHEEHY, Commissioner,
Public Charities and Correction.

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

DEPARTMENT OF STREET CLEANING.

DEPARTMENT OF STREET CLEANING,
CITY OF NEW YORK, STEWART BUILDING,
NEW YORK, August 8, 1893.

TO THE OWNERS OF LICENSED TRUCKS OR OTHER LICENSED VEHICLES RESIDING IN THE CITY OF NEW YORK.

PUBLIC NOTICE IS HEREBY GIVEN THAT, pursuant to the provisions of chapter 269 of the Laws of 1892 (known as the Street Cleaning Law), the Commissioner of Street Cleaning will remove or cause to be removed all unlicensed trucks, carts, wagons and vehicles of any description found in any public street or place between the hours of seven o'clock in the morning and six o'clock in the evening on any day of the week except Sundays and legal holidays, and also all unlicensed trucks, carts, wagons and vehicles of any description found upon any public street or place between the hours of six o'clock in the evening and seven o'clock in the morning, or on Sundays and legal holidays, unless the owner of such truck, cart, wagon or other vehicle shall have obtained from the Mayor a permit for the occupancy of that portion of such street or place on which it shall be found, and shall have given notice of the issue of said permit to the Commissioner of Street Cleaning.

The necessary permits can be obtained, free of charge, by applying to the Mayor's Marshal at his office in the City Hall.

Dated NEW YORK, August 8, 1893.
WILLIAM S. ANDREWS,
Commissioner of Street Cleaning,
New York City.

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.

WILLIAM S. ANDREWS,
Commissioner of Street Cleaning.

DEPARTMENT OF DOCKS.

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

TO CONTRACTORS.

(No. 462.)

PROPOSALS FOR ESTIMATES FOR FURNISHING AND DELIVERING ABOUT 1,200 TONS OF ANTHRACITE COAL.

ESTIMATES FOR FURNISHING AND DELIVERING about 1,200 tons of Anthracite Coal will be received by the Board of Commissioners at the head of the Department of Docks, at the office of said Department on Pier "A," foot of Battery place, North river, in the City of New York, until 11 o'clock A. M. of

THURSDAY, JANUARY 25, 1894,
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 Two Thousand Dollars.

The Engineer's estimate of the quantity of coal to be furnished and delivered is about 1,200 tons. It is expected that about 1,000 tons will be required to be delivered at the West Fifty-seventh Street Yard of the Department of Docks, and that about 200 tons will be required to be delivered at the East Twenty-fourth Street Yard.

Where the City of New York owns the wharf, pier or bulkhead at which materials under this contract are to be delivered, no charge will be made to the contractor for wharfage upon vessels conveying said materials.

N. B.—Bidders are required to submit their estimates upon the following express conditions, which shall apply to and become a part of every estimate received: 1st. Bidders must satisfy themselves, by personal examination, of the location of the proposed delivery of materials, and by such other means as they may prefer, as to the accuracy of the foregoing Engineer's estimate, and shall not at any time after the submission of an estimate dispute or complain of the above statement of quantities, nor assert that there was any misunderstanding in regard to the nature or amount of the work to be done.

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

A ton of coal under these specifications shall be 2,240 pounds avoirdupois.

The work to be done under this contract is to be commenced within ten days from the date of the receipt of an order from the Engineer to begin the delivery of

coal, and the delivery will be continued in lots of about 200 tons at such times and places, and in such manner as may be directed by the Engineer, and the delivery of said coal will be fully completed on or before the 1st day of July, 1894; 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.

Bidders will state in their estimates a price, per ton, for furnishing and delivering coal, in conformity with the approved form of agreement and the specifications therein set forth, by which price the bids will be tested. This price is to cover all expenses of every kind involved in or incidental to the fulfillment of the contract, including any claim that may arise through delay, from any cause, in the performing of the work thereunder.

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

The person or persons to whom the contract may be awarded will be required to attend at this office with the sureties offered by him or them, and execute the contract within five days from the date of the service of a notice to that effect; and in case of failure or neglect so to do, he or they will be considered as having abandoned it, and as in default to the Corporation; and the contract will be readvertised and relet, and so on until it be accepted and executed.

Bidders are required to state in their estimates their names and places of residence; the names of all persons interested with them therein; and if no other person be so interested, the estimate shall distinctly state the fact; also that the estimate is made without any connection with any other person making an estimate for the same work, and that it is in all respects fair and without collusion or fraud; and also that no member of the Common Council, head of a department, chief of a bureau, deputy thereof, or clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or work to which it relates, or in any portion of the profits thereof; which estimate must be verified by the oath, in writing, of the party making the estimate that the several matters stated therein are in all respects true. Where more than one person is interested, it is requisite that the verification be made and subscribed to by all the parties interested.

Each estimate shall be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person or persons making the estimate, they will, upon its being so awarded, become bound as his or their sureties for its faithful performance; and that if said person or persons shall omit or refuse to execute the contract, they will pay to the Corporation of the City of New York any difference between the sum to which said person or persons would be entitled upon its completion, and that which said Corporation may be obliged to pay to the person to whom the contract may be awarded at any subsequent letting; the amount, in each case, to be calculated upon the estimated amount of the work to be done 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 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.

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

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

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

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

Bidders are requested, in making their bids or estimates, to use the blanks 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,
JAMES J. PHELAN,
ANDREW J. WHITE,
Commissioners of the Department of Docks.
Dated NEW YORK, January 11, 1894.

(Work of Construction under New Plan.)

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

TO CONTRACTORS.

(No. 464.)

PROPOSALS FOR ESTIMATES FOR FURNISHING ABOUT 8,000 BARRELS OF PORTLAND CEMENT.

ESTIMATES FOR FURNISHING ABOUT 8,000 barrels of Portland Cement will be received by the Board of Commissioners at the head of the Department of Docks, at the office of said Department, on Pier "A," foot of Battery place, North river, in the City of New York, until 11 o'clock A. M. of

THURSDAY, JANUARY 25, 1894,
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 Seven Thousand Dollars.

The cement required under the contract must be "Portland" cement, fully up to the standard of the best brands imported, and average at least 400 pounds gross weight to the barrel.

The quantity to be delivered under this contract is about 8,000 barrels.

It is estimated that about 5,000 barrels of this cement will be required to be quick setting and that about 3,000 barrels will be slow setting; and it is further estimated that after about March 1 the deliveries will be required to be made so that about 600 barrels per week, more or less, will be required in each week.

It is expected that about 5,000 barrels will be required to be delivered at West Fifty-seventh Street Yard, and that about 3,000 barrels will be required to be delivered at East Twenty-fourth Street Yard.

The contract is to be fully completed and to terminate on the 1st day of July, 1894.

The damages to be paid by the contractor for each day that the contract, or any part thereof, may be unfulfilled after the respective times specified for the fulfillment thereof may have expired, Sundays and holidays not to be excepted, are, by a clause in the contract, fixed and liquidated at Fifty Dollars per day.

The empty barrels will be relinquished to the contractor, as provided for in the specifications, and bidders must estimate the value of the empty barrels when considering the price for which they will furnish the cement under the contract.

Bidders will state in their estimates the price for each barrel of cement to be furnished, 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 receiving of the material by the Department. The award of the contract, if awarded, will be made to the bidder who is the lowest for doing the whole of the work and whose estimate is regular in all respects.

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

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

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

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

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

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

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

J. SERGEANT CRAM,
JAMES J. PHELAN,
ANDREW J. WHITE,

Commissioners of the Department of Docks.
Dated New York, January 9, 1894.

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

TO CONTRACTORS.

(No. 463.)

PROPOSALS FOR ESTIMATES FOR REPAIRING THE PIER AT THE FOOT OF WEST FORTY-FOURTH STREET, NORTH RIVER.

ESTIMATES FOR REPAIRING THE PIER at the foot of West Forty-fourth street, 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 11 o'clock A. M. of

THURSDAY, JANUARY 18, 1894,

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 Four Thousand Dollars.

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

1. Labor of removing about 20,000 square feet of 4-inch Deck, about 21,750 square feet of 3-inch Sheathing, the Backing-logs from about 107 feet west of the Bulkhead-line, certain broken or decayed Ranges, Cross-cap at outer end of Pier, Vertical and Horizontal Fenders, Mooring-posts, Corner Bands, Planking at outer end of Pier, and Bearing-piles, and replacing the same with new material, as follows:

Feet, B. M.,
measured in
the work.

2. Yellow Pine Timber, 12" x 14"..... 1,316
" " 12" x 12"..... 27,140
" " 8" x 10"..... 1,093
" " 6" x 8"..... 5,184
" " 6" x 12"..... 2,910
" " 5" x 10"..... 717
" " 4" plank..... 80,000
" " 2" to 4" x 12"..... 5,400
" " 2" x 4"..... 5,900
Total..... 129,660

Feet, B. M.,
measured in
the work.

3. Spruce Timber, 4" x 10"..... 84,866

Feet, B. M.,
measured in
the work.

4. White Oak Timber, 8" x 12"..... 3,808
" " 6" x 10"..... 50
Total..... 3,858

NOTE.—The above quantities of timber to be furnished by the Contractor are inclusive of scarfs and laps, but are exclusive of waste.

5. White Oak Fender-piles, about 60 feet long..... 4
6. Wooden Mooring-posts..... 4
7. White Pine, Yellow Pine, Spruce or Cypress Piles 3
8. 3/4" x 26", 3/4" x 22", 3/4" x 14", 3/4" x 12", 3/4" x 10", 3/4" x 8", 3/4" x 6", 3/4" x 4", 3/4" x 3", 3/4" x 2", 3/4" x 1", 3/4" x 1/2", 3/4" x 1/4", 3/4" x 1/8", 3/4" x 1/16", 3/4" x 1/32", 3/4" x 1/64", 3/4" x 1/128", 3/4" x 1/256", 3/4" x 1/512", 3/4" x 1/1024", 3/4" x 1/2048", 3/4" x 1/4096", 3/4" x 1/8192", 3/4" x 1/16384", 3/4" x 1/32768", 3/4" x 1/65536", 3/4" x 1/131072", 3/4" x 1/262144", 3/4" x 1/524288", 3/4" x 1/1048576", 3/4" x 1/2097152", 3/4" x 1/4194304", 3/4" x 1/8388608", 3/4" x 1/16777216", 3/4" x 1/33554432", 3/4" x 1/67108864", 3/4" x 1/134217728", 3/4" x 1/268435456", 3/4" x 1/536870912", 3/4" x 1/1073741824", 3/4" x 1/2147483648", 3/4" x 1/4294967296", 3/4" x 1/8589934592", 3/4" x 1/17179869184", 3/4" x 1/34359738368", 3/4" x 1/68719476736", 3/4" x 1/137438953472", 3/4" x 1/274877906944", 3/4" x 1/549755813888", 3/4" x 1/1099511627776", 3/4" x 1/2199023255552", 3/4" x 1/4398046511104", 3/4" x 1/8796093022208", 3/4" x 1/17592186044416", 3/4" x 1/35184372088832", 3/4" x 1/70368744177664", 3/4" x 1/140737488355328", 3/4" x 1/281474976710656", 3/4" x 1/562949953421312", 3/4" x 1/1125899906842624", 3/4" x 1/2251799813685248", 3/4" x 1/4503599627370496", 3/4" x 1/9007199254740992", 3/4" x 1/18014398509481984", 3/4" x 1/36028797018963968", 3/4" x 1/72057594037927936", 3/4" x 1/144115188075855872", 3/4" x 1/288230376151711744", 3/4" x 1/576460752303423488", 3/4" x 1/1152921504606846976", 3/4" x 1/2305843009213693952", 3/4" x 1/4611686018427387904", 3/4" x 1/9223372036854775808", 3/4" x 1/18446744073709551616", 3/4" x 1/36893488147419103232", 3/4" x 1/73786976294838206464", 3/4" x 1/147573952589676412928", 3/4" x 1/295147905179352825856", 3/4" x 1/590295810358705651712", 3/4" x 1/1180591620717411303424", 3/4" x 1/2361183241434822606848", 3/4" x 1/4722366482869645213696", 3/4" x 1/9444732965739290427392", 3/4" x 1/18889465931478580854784", 3/4" x 1/37778931862957161709568", 3/4" x 1/75557863725914323419136", 3/4" x 1/151115727451828646838272", 3/4" x 1/302231454903657293676544", 3/4" x 1/604462909807314587353088", 3/4" x 1/1208925819614629174706176", 3/4" x 1/2417851639229258349412352", 3/4" x 1/4835703278458516698824704", 3/4" x 1/9671406556917033397649408", 3/4" x 1/19342813113834066795298816", 3/4" x 1/38685626227668133590597632", 3/4" x 1/77371252455336267181195264", 3/4" x 1/154742504910672534362390528", 3/4" x 1/309485009821345068724781056", 3/4" x 1/618970019642690137449562112", 3/4" x 1/1237940039285380274899124224", 3/4" x 1/2475880078570760549798248448", 3/4" x 1/4951760157141521099596496896", 3/4" x 1/9903520314283042199192993792", 3/4" x 1/19807040628566084398385987584", 3/4" x 1/39614081257132168796771975168", 3/4" x 1/79228162514264337593543950336", 3/4" x 1/158456325028528675187087900672", 3/4" x 1/316912650057057350374175801344", 3/4" x 1/633825300114114700748351602688", 3/4" x 1/1267650600228229401496703205376", 3/4" x 1/2535301200456458802993406410752", 3/4" x 1/5070602400912917605986812821504", 3/4" x 1/10141204801825835211973625643008", 3/4" x 1/20282409603651670423947251286016", 3/4" x 1/40564819207303340847894502572032", 3/4" x 1/81129638414606681695789005144064", 3/4" x 1/162259276832213363391578010288128", 3/4" x 1/324518553664426726783156020576256", 3/4" x 1/649037107328853453566312041152512", 3/4" x 1/1298074214657706907132624082305024", 3/4" x 1/2596148429315413814265248164610048", 3/4" x 1/5192296858630827628530496329220096", 3/4" x 1/10384593717261655257060992658440192", 3/4" x 1/20769187434523310514121985316880384", 3/4" x 1/41538374869046621028243970633760768", 3/4" x 1/83076749738093242056487941267521536", 3/4" x 1/166153499476186484112975882535043072", 3/4" x 1/332306998952372968225951765070086144", 3/4" x 1/664613997904745936451903530140172288", 3/4" x 1/1329227995809491872903807060280344576", 3/4" x 1/2658455991618983745807614120560689152", 3/4" x 1/5316911983237967491615228241121378304", 3/4" x 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DEPARTMENT OF PUBLIC PARKS.

New York, January 10, 1894.

THE DEPARTMENT OF PUBLIC PARKS WILL sell at Public Auction, by James McCauley, Auctioneer, the Two-story Brick Building, with contents, now standing at the foot of East Eighty-sixth street, on the extension of East River Park, on Wednesday, January 17, 1894, at 10 o'clock A. M.

- The sale will be divided in lots, as follows:
1. Office of hardwood and glass, first floor.
 2. Thirty iron posts in cellar.
 3. About 250 feet blue-stone coping on roof.
 4. The building.

TERMS OF SALE.

The purchase money to be paid at time of sale. Purchasers will be required to remove the building and contents within thirty days from date of sale.

By order of the Department of Public Parks,
CHARLES DE F. BURNS,
Secretary.

DEPARTMENT OF PUBLIC PARKS,
Nos. 49 AND 51 CHAMBERS STREET,
NEW YORK, January 5, 1894.

TO CONTRACTORS.

SEALED BIDS OR ESTIMATES FOR EACH of the following-mentioned works, 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 by the Department of Public Parks, at its offices, Nos. 49 and 51 Chambers street, until eleven o'clock A. M., on Thursday, January 18, 1894.

No. 1. FOR THE CONSTRUCTION OF A VIADUCT APPROACH FROM OGDEN AND SEDGWICK AVENUES, TO CONNECT WITH JEROME AVENUE APPROACH TO NEW MACOMB'S DAM BRIDGE OVER THE HARLEM RIVER, NOW BEING BUILT.

No. 2. FOR THE ERECTION OF TOOL-HOUSE AND SHEDS IN CENTRAL PARK, NEAR TRANSVERSE ROAD No. 2 AND EIGHTH AVENUE.

Special notice is given that the works must be bid for separately.

The estimates of the work to be done, and by which the bids will be tested, are as follows:

No. 1, ABOVE-MENTIONED.

SUBSTRUCTURE.

- 2,400 cubic yards foundation piers.
- 300 cubic yards sand filling-in foundation.
- 630 cubic yards concrete filling-in foundation.
- 162 piles, 40 feet or under.
- 162 piles, 60 feet or under.
- 45,000 feet, board measure, yellow pine in grillages.
- 815 cubic yards pneumatic caissons.
- 522 cubic yards pier concrete and masonry.
- 220 cubic yards masonry, Piers 16 and 17.
- 300 cubic yards masonry in abutment.
- 900 cubic feet granite coping and pier caps.

SUPERSTRUCTURE.

- 1,100,000 total pounds.
- 670 lineal feet 3-inch gas-pipe.
- 672 square yards asphalt sidewalk.
- 1,500 square yards asphalt roadway.
- Extra coat of paint, if required.

The time allowed to complete the whole work will be TWO HUNDRED WORKING DAYS.

The amount of security required is TWENTY-FIVE THOUSAND DOLLARS.

No. 2, ABOVE-MENTIONED.

Bidders are required to state, in writing, and also in figures, in their proposals, ONE PRICE OR SUM for which they will execute the ENTIRE WORK.

The time allowed for the completion of the whole work will be NINETY CONSECUTIVE WORKING DAYS.

The damages to be paid by the contractor for each day that the contract may be unfulfilled after the time fixed for the completion thereof has expired, are fixed at TEN DOLLARS per day.

The amount of security required is THREE THOUSAND DOLLARS.

Bidders will be required to complete the entire works to the satisfaction of the Department of Public Parks, and in substantial accordance with the specifications for the works and the plans therein referred to. No extra compensation beyond the amount payable for the several classes of work before enumerated 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 estimates received will be publicly opened by the head of the said Department at the place and hour last above mentioned and read.

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 in the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as his sureties for its faithful performance; and that if he shall omit or refuse to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled on its completion and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting; the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of this contract over and above all his debts of every nature, and over and above his liabilities, as bail, surety or otherwise; and that he has offered himself as a surety in good faith and with the intention to execute the bond required by section 27 of chapter 8 of the Revised Ordinances of the City of New York, if the contract shall be awarded to the person or persons for whom he consents to become surety. The adequacy and sufficiency of the security offered to be approved by the Comptroller of the City of New York.

No bid or estimate will be received or considered unless accompanied by either a certified check upon one of the State or National banks of the City of New York, drawn to the order of the Comptroller, or money to the amount of five per centum of the amount of the security required for the faithful performance of the contract. Such check or money must not be inclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate-box; and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the

persons making the same within ten days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and retained by the City of New York as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

N. B.—The price must be written in the estimate and also stated in figures, and all estimates will be considered as informal which do not contain bids for all items for which bids are herein called, or which contain bids for items for which bids are not herewith called for. Permission will not be given for the withdrawal of any bid or estimate. No bid will be accepted from, or contract awarded to, any person who is in arrears to the Corporation upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

The Department of Public Parks reserves the right to reject any or all the bids received in response to this advertisement if it should deem it for the interest of the City so to do, and to readvertise until satisfactory bids or proposals shall be received. But the contract when awarded in each case will be awarded to the lowest bidder.

Blank forms for proposals and forms of the several contracts which the successful bidders will be required to execute can be had, and the plans can be seen and information relative to them can be had at the office of the Department, Nos. 49 and 51 Chambers street.

A. B. TAPPEN,
PAUL DANA,
NATHAN STRAUS,
GEORGE C. CLAUSEN,
Commissioners of Public Parks.

DEPARTMENT OF PUBLIC PARKS,
Nos. 49 AND 51 CHAMBERS STREET,
NEW YORK, December 23, 1893.

TO CONTRACTORS.

SEALED BIDS OR ESTIMATES, WITH THE title of the work and the name of the bidder indorsed thereon, will be received by the Department of Public Parks at its offices, Nos. 49 and 51 Chambers street, until eleven o'clock A. M., on Thursday, January 18, 1894.

FOR CONSTRUCTING A PUBLIC DRIVEWAY AND APPURTENANCES IN THE TWELFTH WARD OF THE CITY OF NEW YORK, BETWEEN ONE HUNDRED AND FIFTY-FIFTH STREET AND HIGH BRIDGE.

Bidders are required to state a price for each of the items mentioned in the Engineer's estimate, as follows:

- 142,000 cubic yards of excavation of all kinds.
- 215,000 cubic yards of filling.
- 190,000 cubic yards of dredging.
- 2,300 cubic yards of rock excavation below mean low water, depths varying from four to twenty-seven feet.
- 1,730,000 cubic feet of crib-bulkhead.
- 600 cubic yards of broken stone in crib foundation.
- 2,100 cubic yards of Rosendale cement concrete in wall foundations.
- 2,500 cubic yards of Portland cement concrete in wall foundations.
- 13,000 cubic yards of broken range masonry in retaining-walls, backed with heavy rubble, all in Rosendale cement.
- 1,930 cubic yards of broken range masonry in retaining-walls, backed with heavy rubble, all in Portland cement.
- 670 cubic yards of coursed granite masonry in bulkhead-wall, backed with heavy rubble, all in Portland cement.
- 2,570 lineal feet of granite coping on retaining and bulkhead-walls, to be furnished and set.
- 500 cubic yards of dry rubble masonry in slope walls.
- 6,500 cubic yards of rip-rap in retaining-wall foundations.
- 660 lineal feet of brick culverts, four feet interior diameter, with rubble masonry foundation and cradle.
- 300 lineal feet of eight-inch vitrified storeware pipe culverts.
- 1,250 lineal feet of ten-inch vitrified stoneware pipe culverts, with concrete foundation and cradle.
- 1,180 lineal feet of twelve-inch vitrified stoneware pipe culverts, with concrete foundation and cradle.
- 630 lineal feet of fifteen-inch vitrified stoneware pipe culverts, with concrete foundation and cradle.
- 550 lineal feet of eighteen-inch vitrified stoneware pipe culverts, with concrete foundation and cradle.
- 105 lineal feet of twenty-four-inch vitrified stoneware pipe culverts, with concrete foundation and cradle.
- 9 manholes, complete.
- 1 receiving-basin, complete, Department of Public Works' pattern.
- 18 receiving-basins, complete, Class "A."
- 8 receiving-basins, complete, Class "B."
- 8 gutter outlets, complete.
- 10 walk inlets and gratings, complete.
- 60,000 lineal feet of piles to be furnished, driven and cut off and left in foundations.
- 50,000 feet board measure of timber and plank to be furnished and laid in foundations.
- 49,320 square yards of sandy loam roadway on broken stone and cinder foundations, including trap-block pavement in gutters.
- 123,500 square feet of rock asphalt pavement on rubble stone and Portland cement concrete foundation.
- 21,000 square feet of gravel walk on rubble stone foundation.
- 570 square yards of cobble-stone pavement in gutters at foot of rock cuts.
- 10,120 lineal feet of new curb-stone, line fixed, six inches by twenty-two inches, to be furnished and set.
- 660 lineal feet of blue-stone coping to be furnished and laid, including concrete foundation.
- 520 square feet of new bridge-stones for cross-walk to be furnished and laid.
- 400 square yards of granite-block pavement to be taken up and relaid.
- 1,000 cubic yards of garden mould to be furnished and placed, including sodding.

The time allowed for the completion of the whole work will be THREE HUNDRED AND SEVENTY-FIVE CONSECUTIVE WORKING DAYS.

The damages to be paid by the contractor for each day that the contract, or any part thereof, may be unfulfilled after the time fixed for the completion thereof has expired, are fixed at TWO HUNDRED DOLLARS per day.

The amount of security required is TWO HUNDRED AND FIFTY THOUSAND DOLLARS.

Bidders must satisfy themselves by personal examination of the location of the proposed work, and by such other means as they may prefer, as to the nature and extent of the work, and shall not, any time after the submission of an estimate, dispute or complain of such statement, nor assert that there was any misunderstanding in regard to the nature or amount of the work to be done.

The estimates received will be publicly opened by the head of the said Department at the place and hour last above mentioned and read.

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 in the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as his sureties for its faithful performance; and that if he shall omit or refuse to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled on its completion and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting; the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of this contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety or otherwise; and that he has offered himself as a surety in good faith and with the intention to execute the bond required by section 27 of chapter 8 of the Revised Ordinances of the City of New York, if the contract shall be awarded to the person or persons for whom he consents to become surety. The adequacy and sufficiency of the security offered to be approved by the Comptroller of the City of New York.

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

N. B.—The price must be written in the estimate and also stated in figures, and all estimates will be considered as informal which do not contain bids for all items for which bids are herein called, or which contain bids for items for which bids are not herewith called for. Permission will not be given for the withdrawal of any bid or estimate. No bid will be accepted from, or contract awarded to, any person who is in arrears to the Corporation upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

The Department of Public Parks reserves the right to reject any or all the bids received in response to this advertisement if it should deem it for the interest of the City so to do, and to readvertise until satisfactory bids or proposals shall be received. But the contract when awarded will be awarded to the lowest bidder.

Blank forms for proposal and forms of the contract which the successful bidder will be required to execute, can be had, the plans can be seen and information relative to them can be had at the office of the Department, Nos. 49 and 51 Chambers street.

A. B. TAPPEN,
NATHAN STRAUS,
PAUL DANA,
GEORGE C. CLAUSEN,
Commissioners of the Department Public Parks.

COMMISSIONERS OF APPRAISAL UNDER CHAPTER 537, LAWS OF 1893, RELATIVE TO CHANGE OF GRADE IN THE TWENTY-THIRD AND TWENTY-FOURTH WARDS, NEW YORK CITY.

PURSUANT TO THE PROVISIONS OF CHAPTER 537 of the Laws of 1893, entitled "An Act providing for ascertaining and paying the amount of damages to lands and buildings, suffered by reason of changes of grade of streets or avenues, made pursuant to chapter seven hundred and twenty-one of the Laws of eighteen hundred and eighty-seven, providing for the depression of railroad tracks in the Twenty-third and Twenty-fourth Wards, in the City of New York, or otherwise," notice is hereby given, that public meetings of the Commissioners appointed under said act, will be held at Room No. 58 Schermerhorn Building, No. 95 Broadway, in the City of New York, on Monday, Wednesday and Friday of each week, at 2 o'clock P. M., until further notice.

Dated New York, September 2, 1893.

DANIEL LORD,
JAMES M. VARNUM,
DANIEL P. HAYS,
Commissioners.

LAMONT McLOUGHLIN, Clerk

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 Commonality of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to CONVENT AVENUE (although not yet named by proper authority), from One Hundred and Fiftieth street to Avenue St. Nicholas, in the Twelfth 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 said Board.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, at a Special Term of said Court, to be held at Chambers street, in the County Court-house, in the City of New York, on Monday, the 22d day of January, 1894, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title, in the name and on behalf of the Mayor, Aldermen and Commonality of the City of New York, for the use of the public, to all the lands and premises with the buildings thereon and the appurtenances thereto belonging, required for the opening of a certain street or avenue known as Convent Avenue, from One Hundred and Fiftieth street to Avenue St. Nicholas, in the Twelfth Ward of the City of New York, being the following described lots, pieces or parcels of land, viz:

Beginning at a point in the northerly line of One Hundred and Fiftieth street, distant 350 feet easterly

from the easterly line of Amsterdam avenue; thence northeasterly, distance 217 90-100 feet to a point in the southerly line of One Hundred and Fiftieth street, distant 436 88-100 feet easterly from the easterly line of Amsterdam avenue; thence easterly along the southerly line of One Hundred and Fiftieth street, distance 81 78-100 feet; thence southwesterly, distance 217 90-100 feet to the northerly line of One Hundred and Fiftieth street; thence westerly along said line, distance 81 78-100 feet to the point or place of beginning.

Also, beginning at a point in the northerly line of One Hundred and Fiftieth street, distant 462 97-100 feet easterly from the easterly line of Amsterdam avenue; thence northerly, distance 217 90-100 feet to the southerly line of One Hundred and Fiftieth street, at a point distant easterly 549 88-100 feet from the easterly line of Amsterdam avenue; thence easterly along the southerly line of One Hundred and Fiftieth street, distance 38 96-100 feet to the westerly line of Avenue St. Nicholas; thence southerly along said line, distance 67 48-100 feet; thence southwesterly, distance 146 14-100 feet to the northerly line of One Hundred and Fiftieth street; thence westerly along said line, distance 81 78-100 feet to the point or place of beginning.

Said Convent Avenue to be 75 feet wide between the northerly line of One Hundred and Fiftieth street and Avenue St. Nicholas at One Hundred and Fiftieth street.

Dated New York, January 9, 1894.
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 Commonality of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to PARSONS STREET (although not yet named by proper authority), extending from Broadway 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.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, at a Special Term of said Court, to be held at Chambers street, in the County Court-house, in the City of New York, on Monday, the 22d day of January, 1894, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title, in the name and on behalf of the Mayor, Aldermen and Commonality of the City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening of a certain street or avenue, known as Parsons street, extending from Broadway 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 said Department of Public Parks, being the following-described lots, pieces or parcels of land, viz:

Beginning at a point in the eastern line of Broadway distant 1,403.36 feet northerly from the intersection of the eastern line of Broadway with the prolongation westerly of the northerly line of Riverdale Avenue as the same is legally opened.

1st. Thence northerly along the eastern line of Broadway for 60.0 feet.

2d. Thence easterly deflecting 90 degrees 26 minutes 40 seconds to the right for 742.23 feet.

3d. Thence southerly curving to the right in the arc of a circle whose radius drawn from the eastern extremity of the preceding course forms an angle of 0 degrees 05 minutes 20 seconds to the south with the said course and is 1,160 feet for 60.2 feet.

4th. Thence westerly for 240.11 feet to the point of beginning.

Parsons street is a street of the first-class and is sixty feet wide.

Dated New York, January 9, 1894.
WILLIAM H. CLARK,
Counsel to the Corporation,
No. 2 Tryon Row, New York City.

NEW CROTON DAM—CORNELL SITE.

NOTICE OF APPLICATION FOR APPRAISAL.

PUBLIC NOTICE IS HEREBY GIVEN THAT it is the intention of the Counsel to the Corporation of the City of New York to make application to the Supreme Court for the appointment of Commissioners of Appraisal, under chapter 490 of the Laws of 1883.

Such application will be made at a Special Term of said Court, to be held in the Second Judicial District, at the Court-house in White Plains, Westchester County, on the 24th day of February, 1894, at 10 o'clock in the forenoon, or as soon thereafter as counsel can be heard. The object of such application is to obtain an order of the Court appointing three disinterested and competent freeholders, one of whom shall reside in the County of New York, and the other two of whom shall reside in the county in which the real estate hereinafter described is situated, as Commissioners of Appraisal, to ascertain and appraise the compensation to be made to the owners of, and all persons interested in the real estate hereinafter described, as proposed to be taken or affected for the purpose of maintaining, preserving and increasing the water supply of the City of New York.

The real estate sought to be taken or affected, is situated in the Towns of Bedford and Lewisboro, County of Westchester and State of New York, and is laid out, indicated and shown on a certain map signed and certified as required by chapter 490 of the Laws of 1883, and is entitled "Map No. 2, Department of Public Works, City of New York, Michael T. Daly, Commissioner, George W. Birdsall, Chief Engineer, Croton Aqueduct. Property Maps of additional lands required for the construction of the New Croton Reservoir, in the Village of Katonah, Towns of Bedford and Lewisboro, Westchester County, New York, Exhibit No. 6, of 1893." Said map bearing date November 29, 1893, and which said map was filed in the Register's Office of Westchester County, on the second day of January, 1894.

The following is a statement of the boundaries of the real estate to be acquired in this proceeding as part of the land required for the New Croton Dam, all of which is to be acquired in fee:

All those several and various lots, pieces and parcels of land and real estate, as the term "real estate" is defined in said act, situate in the Village of Katonah, County of Westchester, and State of New York, and which, taken together, form a tract included within the following external boundary lines: Beginning at a point where the division line between the Towns of Bedford and Lewisboro, in the County of Westchester and State of New York, intersects the westerly side of property or right of way of the New York and Harlem Railroad; thence running by and along the westerly side of said property of said railroad and along Parcel Number 8, as shown on said map, the following courses and distances: South 25 degrees 45 minutes west 65 feet; thence south 21 degrees 31 minutes west 101.78 feet; thence south 21 degrees 32 minutes 30 seconds west 101.82 feet; thence south 19 degrees 24 minutes west 102 feet; thence south 15 degrees 56 minutes 30 seconds west 101.88 feet; thence south 14 degrees 39 minutes west 102.26 feet to the lake or pond partly within the limits of Parcel Number 8, and partly within the limits of Parcel Number 9, on said map and known as Lovely lake; thence along Lovely lake and the westerly side of such railroad property or right of way, south 11 degrees 18 minutes west 45.93 feet to the northeasterly corner of Parcel Number

on said map; thence along said Parcel Number 7 south 11 degrees 18 minutes west 56 feet; thence south 6 degrees 38 minutes 30 seconds west 98.03 feet to the northerly corner of Parcel Number 6; thence south along Parcel Number 6 degrees 36 minutes 30 seconds west 3.30 feet; thence south 4 degrees 02 minutes 30 seconds west 101.80 feet; thence south 1 degree 55 minutes 30 seconds east 103.92 feet; thence south 87 degrees 43 minutes west 26 feet; thence south 2 degrees 17 minutes east 30.13 feet; thence south 2 degrees 17 minutes east 49.47 feet to the point where the southerly side of Main street, in said Village of Katonah intersects or meets the westerly side of the property of the New York and Harlem Railroad north-west of Katonah Station; thence along the southerly side of Main street north 85 degrees 45 minutes west 101.58 feet; thence south 78 degrees 41 minutes west 159.92 feet still along the southerly side of said Main street; thence south 80 degrees 4 minutes west 82.70 feet; thence south 16 degrees 34 minutes 30 seconds west 27.80 feet to the point where the northeasterly side of the highway running along Cross River meets Main street; thence crossing first-mentioned highway which runs along Cross River south 18 degrees 55 minutes 30 seconds west 32.20 feet; thence south 20 degrees 10 minutes 30 seconds west 8 feet to the northerly or northeasterly side or shore of said Cross River; thence along the northerly or northeasterly shore of Cross River about 418 feet, as such river winds and turns and following its windings and courses to the southeasterly corner of Parcel No. 29, as shown on said map; thence still following the shore of said river the following courses and distances: south 84 degrees 43 minutes 30 seconds west 25.53 feet; thence south 80 degrees 9 minutes west 100.32 feet; thence south 82 degrees 28 minutes west 48.89 feet; thence south 77 degrees 18 minutes 30 seconds west 49.10 feet; thence south 74 degrees 24 minutes west 50.06 feet; thence south 61 degrees 20 minutes 30 seconds west 50.80 feet; thence south 45 degrees 58 minutes 30 seconds west 47.75 feet; thence south 58 degrees 49 minutes 30 seconds west 55.31 feet; thence north 37 degrees 23 minutes west 44.09 feet; thence still following said river as it winds and turns, the following courses and distances: north 2 degrees 29 minutes 30 seconds west 42.96 feet; thence north 14 degrees 29 minutes 30 seconds west 57.20 feet; thence north 19 degrees 53 minutes west 50.99 feet; thence north 22 degrees 39 minutes 30 seconds west 50.56 feet; thence north 39 degrees 9 minutes 30 seconds west 50.49 feet; thence north 15 degrees 56 minutes west 32.30 feet; thence north 63 degrees 32 minutes east 22.66 feet; thence south 41 degrees 21 minutes east 30.31 feet; thence south 43 degrees 10 minutes 30 seconds east 50.99 feet; thence south 59 degrees 3 minutes east 50.16 feet; thence south 26 degrees 11 minutes east 14.76 feet; thence south 49 minutes 30 seconds west 47.43 feet; thence south 54 degrees 29 minutes east 10 feet; thence north 11 degrees 58 minutes east 42.54 feet; thence north 79 degrees 50 minutes 30 seconds east 60.11 feet; thence north 12 degrees 3 minutes 30 seconds east 24.20 feet; thence north 25 degrees 35 minutes west 37.31 feet; thence north 36 degrees 56 minutes west 50.49 feet; thence north 31 degrees 24 minutes 30 seconds west 51.42 feet; thence north 44 degrees 54 minutes west 50 feet; thence north 73 degrees 29 minutes 30 seconds west 23.42 feet; thence along the easterly shore of said Cross River following its windings and turns about 340 feet to the point on said map where Parcel Number 30 leaves the point on, and opposite the northwest corner of Parcel Number 28; thence north 72 degrees 45 minutes east 4 feet to the westerly side of the road known as Main street; thence leaving said river and following the westerly side of Parcel Number 30, designated on said map as Main street, north 6 degrees 40 minutes 30 seconds west 215.70 feet; thence still along the westerly side of the street known as Main street, north 8 degrees 25 minutes west 120.40 feet to the southerly line or side of the public highway in the Town of Lewisboro, running in an easterly direction toward the New York and Harlem Railroad, about 150 feet north of and generally parallel with the line which divides the Town of Bedford from the Town of Lewisboro, in said county; thence along the southerly side of the said last-mentioned road or highway the following courses and distances: North 79 degrees 15 minutes 30 seconds east 83.13 feet; thence north 77 degrees 21 minutes east 76.2 feet to the point where the easterly line of the street or avenue in the Village of Katonah, known as Palmer avenue, meets the southerly side of said last-mentioned highway; thence along said highway north 77 degrees 54 minutes east 201.36 feet; thence still along the southerly side of said highway in the Town of Lewisboro north 77 degrees 36 minutes 30 seconds east 111.72 feet; thence north 67 degrees 32 minutes 30 seconds east 121.57 feet; thence north 76 degrees 24 minutes 30 seconds east 140.30 feet; thence south 88 degrees 11 minutes 30 seconds east 211.53 feet; thence south 89 degrees 52 minutes east 36.48 feet; thence north 72 degrees 9 minutes east 85.30 feet; thence north 70 degrees 33 minutes 30 seconds east 104.89 feet to the line of the New York and Harlem Railroad Company; thence along said line of said railroad company south 28 degrees west 49.02 feet; thence south 29 degrees 45 minutes west 36.6 feet to the point or place of beginning. Containing 55.814 acres and intending to include herein all the parcels shown on said map designated by the numbers 1 to 32, both inclusive, all of which are to be acquired in fee. Reference is hereby made to the said map, dated and filed as aforesaid for a more detailed description of the parcels to be acquired by this proceeding. The highways shown upon the said map and included in the above mentioned description are acquired in fee subject to the right of the public to travel over and upon the same until a new highway system is provided by and at the expense of the Mayor, Aldermen and Commonalty of the City of New York as contemplated and provided by chapter 195 of the Laws of 1887.

Dated New York City, January 8, 1894.
WILLIAM H. CLARK,
Counsel to the Corporation,
No. 2 Tryon Row, New York.

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 MARCHER AVENUE (although not yet named by proper authority), extending from Jerome avenue to Featherbed lane, in the Twenty-third and Twenty-fourth Wards of the City of New York.

NOTICE IS HEREBY GIVEN THAT WE, the undersigned, Commissioners of Estimate and Assessment in the above-entitled matter, will be in attendance at our office, No. 2 Tryon Row (room 1), in said city, on Monday, January 15, 1894, at 3 o'clock p. m., to hear any person or persons who may consider themselves aggrieved by our estimate or assessment (an abstract of which has been heretofore filed by us for and during the space of forty days in the office of the Commissioner of Public Works, No. 31 Chambers street), in opposition to the same; that our said abstract of estimate and assessment may be hereafter inspected at our said office, No. 2 Tryon Row; that it is our intention to present our report for confirmation to the Supreme Court, at a Special Term thereof, to be held at Chambers street, in the County Court-house, in the City of New York, on the 19th day of January, 1894, at the opening of Court on that day, to which day the motion to confirm the same will be adjourned, 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, January 2, 1894.
JAMES MITCHELL, Chairman,
HENRY WINTHROP GRAY,
SAMUEL W. MILBANK,
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 the lands required for the opening, widening and extension of COLLEGE PLACE AND GREENWICH STREET, extending from Chambers street to Dey street, in the Third Ward of the City of New York.

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

First—That we have completed our supplemental or amended 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. 2 Tryon Row (Room 1), in said city, on or before the 31st day of January, 1894, and that we, the said Commissioners, will hear parties so objecting within the ten week days next after the said 31st day of January, 1894, 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 supplemental or amended 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 supplemental or amended 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 30th day of January, 1894.

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 drawn parallel to Canal street and distant 100 feet northerly from the northerly side thereof, from the easterly line of West street to a point 100 feet east of the easterly line of Broadway; easterly by a line drawn parallel to Broadway and Whitehall street and distant 100 feet easterly from the easterly side thereof, from a point 100 feet north of Canal street to about the centre of Stone street; southerly by Stone street to Whitehall street, and by a line parallel to Bowling Green and distant 100 feet southerly therefrom, from Whitehall street to State street; thence by a line parallel to the northerly side of Battery Park and distant 100 feet southerly therefrom, from State street to the southerly prolongation of the easterly line of West street; westerly by the easterly line of West street, from the Battery Park to a point 100 feet north of Canal street; excepting from said area all the land included within the lines of streets, avenues and roads, or portions thereof, heretofore legally opened, as such area is shown upon our benefit maps deposited as aforesaid.

Fourth—That our supplemental or amended 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 street, in the County Court-house, in the City of New York, on the 15th day of February, 1894, 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, 1893.
EUGENE L. BUSHE, Chairman,
JAS. G. JANEWAY,
THOMAS F. HAYES,
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 the opening and extension of ONE HUNDRED AND TWENTY-FIFTH STREET, between the Boulevard and Claremont 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. 2 Tryon Row (Room 1), in said city, on or before the 10th day of February, 1894, and that we, the said Commissioners, will hear parties so objecting within the ten week days next after the said 10th day of February, 1894, 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 9th day of February, 1894.

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 southerly from the southerly line of One Hundred and Twenty-seventh street; easterly by a line parallel with and distant 225 feet easterly from the easterly line of the Boulevard; southerly by a line parallel with and distant 100 feet northerly from the northerly line of One Hundred and Twenty-second street; and westerly by a line parallel with and distant 100 feet westerly from the westerly line of Claremont avenue; excepting from said area all the streets, avenues and places or portions thereof heretofore legally opened 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 street, in the County Court-house, in the City of New York, on the 23d day of February, 1894, 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, 1893.
J. ROMAIN BROWN, Chairman,
SIDNEY HARRIS,
JOHN H. KITCHEN,
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 FIFTY-SECOND STREET, between Bradhurst avenue and the bulkhead-line, 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. 2 Tryon Row (Room 1), in said city, on or before the 8th day of February, 1894, and that we, the said Commissioners, will hear parties so objecting within the ten week days next after the said 8th day of February, 1894, and for that purpose will be in attendance at our said office on each of said ten days at 12 o'clock 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 7th day of February, 1894.

Third—That the limits of our assessment for benefit include all those lots, pieces or parcels of land, situate, lying and being in the City of New York, which, taken together, are bounded and described as follows, viz: Northerly by the centre line of the blocks between One Hundred and Fifty-second street and One Hundred and Fifty-third street, from the easterly line of Bradhurst avenue to the westerly line of Exterior street; easterly by the westerly line of Exterior street; southerly by the centre line of the blocks between One Hundred and Fifty-second street and One Hundred and Fifty-first street, from the westerly line of Exterior street to the easterly line of Bradhurst avenue; and westerly by the easterly line of Bradhurst avenue; excepting from said area all the streets, avenues and roads, or portions thereof, heretofore legally opened, as such area is shown upon our benefit map deposited as aforesaid.

Fourth—That our report herein will be presented to the Supreme Court of the State of New York, at a Special Term thereof, to be held at the Chambers street, in the County Court-house, in the City of New York, on the 23d day of February, 1894, 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 29, 1893.
JOHN H. JUDGE, Chairman,
WILLIAM B. ELLISON,
LEO C. DESSAR,
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 FIFTY-FIRST STREET, between Bradhurst avenue and the bulkhead-line, 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. 2 Tryon Row (Room 1), in said city, on or before the 8th day of February, 1894, and that we, the said Commissioners, will hear parties so objecting within the ten week days next after the said 8th day of February, 1894, 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 7th day of February, 1894.

Third—That the limits of our assessment for benefit include all those lots, pieces, or parcels of land, situate, lying and being in the City of New York, which, taken together, are bounded and described as follows, viz: Northerly by the centre line of the blocks between One Hundred and Fifty-second street and One Hundred and Fifty-third street, from the easterly line of Bradhurst avenue to the westerly line of Exterior street; easterly by the westerly line of Exterior street; southerly by the centre line of the blocks, between One Hundred and Fifty-first street and One Hundred and Fiftieth street, from the westerly line of Exterior street to the easterly line of Bradhurst avenue; and westerly by the easterly line of Bradhurst avenue; excepting from said area all the streets, avenues and roads, or portions thereof, heretofore legally opened as such area is shown upon our benefit map deposited as aforesaid.

Fourth—That our report herein will be presented to the Supreme Court of the State of New York, at a Special Term thereof, to be held at the Chambers street, in the County Court-house, in the City of New York, on the 23d day of February, 1894, 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 29, 1893.
THOMAS H. HUSTED, Chairman,
THOMAS F. GILROY, Jr.,
ALBERT BACH,
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 INWOOD AVENUE (although not yet named by proper authority), extending from Cromwell avenue to Featherbed lane, in the Twenty-third and Twenty-fourth Wards of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, at a Special Term of said Court, to be held at Chambers street, in the County Court-house, in the City of New York, on Thursday, the 11th day of January, 1894, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and Assessment in the above-entitled matter.

The nature and extent of the improvement hereby intended is the acquisition of title, in the name and on behalf of the Mayor, Aldermen and Commonalty of the City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening of a certain street or avenue, known as Inwood avenue, extending from Cromwell avenue to Featherbed lane, in the Twenty-third and Twenty-fourth Wards of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road, being the following-described lots, pieces or parcels of land, viz:

Beginning at a point in the southern line of Featherbed lane (as the same is described in the proceedings for acquiring title to Featherbed lane) distant 270 feet westerly from its intersection with the western line of Jerome avenue:

1st. Thence westerly along said southern line of Featherbed lane for 60 feet.
2d. Thence southerly deflecting 90 degrees to the left for 177.73 feet.
3d. Thence southerly deflecting 4 degrees 9 minutes 4 seconds to the right for 608.53 feet.

4th. Thence southerly deflecting 11 degrees 43 minutes 36 seconds to the left for 734.53 feet.
5th. Thence southwesterly deflecting 28 degrees 11 minutes 16 seconds to the right for 375.91 feet.
6th. Thence southerly deflecting 28 degrees 11 minutes 16 seconds to the left for 127.02 feet.
7th. Thence northeasterly deflecting 151 degrees 48 minutes 44 seconds to the left for 502.93 feet.
8th. Thence northerly deflecting 28 degrees 11 minutes 16 seconds to the left for 743.46 feet.
9th. Thence northerly deflecting 11 degree 43 minutes 36 seconds to the right for 604.54 feet.
10th. Thence northerly for 1,579.91 feet to the point of beginning.

Inwood avenue is designated as a street of the first-class and is 60 feet wide.
Dated New York, December 29, 1893.
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 EAST ONE HUNDRED AND SEVENTY-FOURTH STREET (although not yet named by proper authority, from Vanderbilt avenue, East, to Third 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.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, at a Special Term of said Court, to be held at Chambers street, in the County Court-house, in the City of New York, on Thursday, the 11th day of January, 1894, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title, in the name and on behalf of the Mayor, Aldermen and Commonalty of the City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening of a certain street or avenue known as East One Hundred and Seventy-fourth street, from Vanderbilt avenue, East, to Third avenue, in the Twenty-fourth Ward of the City of New York, being the following-described lots, pieces or parcels of land, viz:

Beginning at a point in the western line of Third avenue, distant 634.23 feet southerly from the intersection of the southern line of East One Hundred and Seventy-fifth street with the western line of Third avenue:
1st. Thence southerly along the western line of Third avenue for 30.03 feet.
2d. Thence westerly deflecting 92 degrees 7 minutes 40 seconds to the right for 932.09 feet.
3d. Thence northerly deflecting 90 degrees 4 minutes 12 seconds to the right for 50 feet.
4th. Thence easterly for 930.17 feet to the point of beginning.

East One Hundred and Seventy-fourth street, from Vanderbilt avenue, East, to Third avenue, is designated a street of the first class and is fifty feet wide.
Dated New York, December 29, 1893.
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 the opening of WADSWORTH AVENUE, from Kingsbridge road, near One Hundred and Seventy-third street, to Eleventh 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 2d day of October, 1893, 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, lessors, 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 or avenue, herein designated as Wadsworth avenue, as shown and delineated on a certain map made by the Commissioners of the Central Park, under authority of an act entitled "An Act to provide for the laying out and improving of certain portions of the City and County of New York," passed April 24, 1865, and filed by said Commissioners in the offices of the Department of Public Works, the Department of Public Parks and the Secretary of State of the State of New York, on or about the 25th day of May, 1869, and in the office of the Register of the City and County of New York, on or about the 27th day of May, 1869, and more particularly set forth in the petition of the Board of Street Opening and Improvement filed 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 or avenue so to be opened or laid out and formed, to the respective owners, lessors, 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, 1887, 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 avenue, or affected thereby, and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to us, the undersigned Commissioners of Estimate and Assessment, at our office, No. 2 Tryon Row, in the City of New York, Room No. 1, with such affidavits or other proofs as the said owners or claimants may desire, within thirty days after the date of this notice (December 13, 1893).

And we, the said Commissioners, will be in attendance at our said office on the 13th day of January, 1894, at 11 o'clock in the forenoon 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 claimant 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 12, 1893.
ISAAC FROMME,
SAMUEL W. MILBANK,
J. RHINELANDER DILLON,
Commissioners.

JOHN P. DUNN, Clerk.

THE CITY RECORD.

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W. J. K. KENNY,
Supervisor.